

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043300.D
 Acq On : 22 Oct 2019 10:32
 Operator : JU
 Sample : PB123945BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

Manual Integrations
 APPROVED

mohammad
 10/22/2019 10:29:04 PM

Quant Time: Oct 22 11:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29813	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	118300	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	88083	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	210526	20.00	ng	0.00
76) Chrysene-d12	21.67	240	261143	20.00	ng	0.00
87) Perylene-d12	24.87	264	296015	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	214705	131.97	ng	0.00
7) Phenol-d6	7.20	99	285718	122.06	ng	0.00
23) Nitrobenzene-d5	9.18	82	144891	63.14	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	190142	113.43	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	402246	63.10	ng	0.00
79) Terphenyl-d14	20.01	244	884526	63.54	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.48	88	25103	39.594	ng	# 90
3) Pyridine	3.89	79	59381	37.129	ng	95
4) n-Nitrosodimethylamine	3.80	42	38773	48.044	ng	90
6) Aniline	7.36	93	99650	36.955	ng	98
8) 2-Chlorophenol	7.60	128	85292	47.491	ng	95
9) Benzaldehyde	7.16	77	48276	41.966	ng	92
10) Phenol	7.23	94	103692	48.477	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	69193	41.840	ng	94
12) 1,3-Dichlorobenzene	7.91	146	97827	43.475	ng	96
13) 1,4-Dichlorobenzene	8.06	146	97245	42.714	ng	98
14) 1,2-Dichlorobenzene	8.38	146	95801	43.097	ng	97
15) Benzyl Alcohol	8.27	79	74481	45.306	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	100501	41.794	ng	95
17) 2-Methylphenol	8.48	107	72234	46.324	ng	97
18) Hexachloroethane	9.11	117	35405	43.104	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	61552	40.693	ng	99
20) 3+4-Methylphenols	8.81	107	95177	44.512	ng	91
22) Acetophenone	8.85	105	122872	40.558	ng	# 98
24) Nitrobenzene	9.23	77	93917	42.965	ng	93
25) Isophorone	9.75	82	180965	43.136	ng	99
26) 2-Nitrophenol	9.94	139	48410	45.872	ng	95
27) 2,4-Dimethylphenol	10.01	122	80874	53.468	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	97030	41.906	ng	# 93
29) 2,4-Dichlorophenol	10.49	162	89180	46.016	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	104837	42.920	ng	96
31) Naphthalene	10.88	128	267024	44.468	ng	98
32) Benzoic acid	10.15	122	34881	33.557	ng	97
33) 4-Chloroaniline	11.00	127	61100	24.823	ng	96
34) Hexachlorobutadiene	11.17	225	73202	40.541	ng	95
35) Caprolactam	11.80	113	28810m	43.164	ng	
36) 4-Chloro-3-methylphenol	12.12	107	95584	45.216	ng	94
37) 2-Methylnaphthalene	12.49	142	203149	44.092	ng	97
38) 1-Methylnaphthalene	12.70	142	193035	44.033	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	131043	40.199	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	174693	102.016	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	83493	43.492	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	88066	45.376	nq	95
46) 1,1'-Biphenyl	13.49	154	272195	40.621	nq	99
47) 2-Chloronaphthalene	13.53	162	212974	41.772	nq	98
48) 2-Nitroaniline	13.74	65	62236	40.842	nq	98
49) Acenaphthylene	14.38	152	348606	43.932	nq	97
50) Dimethylphthalate	14.11	163	287667	42.164	nq	99
51) 2,6-Dinitrotoluene	14.22	165	64282	43.369	nq	93
52) Acenaphthene	14.72	154	206970	42.771	nq	99
53) 3-Nitroaniline	14.57	138	43749	30.571	nq	99
54) 2,4-Dinitrophenol	14.77	184	73487	79.452	nq	94
55) Dibenzofuran	15.05	168	337471	43.004	nq	99
56) 4-Nitrophenol	14.88	139	92334	96.283	nq	96
57) 2,4-Dinitrotoluene	15.01	165	89453	42.230	nq	97
58) Fluorene	15.70	166	281544	42.777	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	92433	44.826	nq	# 99
60) Diethylphthalate	15.46	149	286382	41.775	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	159751	41.606	nq	93
62) 4-Nitroaniline	15.72	138	61360	41.518	nq	94
63) Azobenzene	15.98	77	240553	43.358	nq	95
65) 4,6-Dinitro-2-methylphenol	15.78	198	56542	45.637	nq	94
66) n-Nitrosodiphenylamine	15.91	169	251453	42.306	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	117165	41.354	nq	97
68) Hexachlorobenzene	16.71	284	127635	39.246	nq	99
69) Atrazine	16.86	200	113827	55.114	nq	96
70) Pentachlorophenol	17.06	266	139113	93.875	nq	95
71) Phenanthrene	17.44	178	463575	43.001	nq	98
72) Anthracene	17.53	178	481117	44.605	nq	99
73) Carbazole	17.80	167	434358	44.469	nq	99
74) Di-n-butylphthalate	18.36	149	528957	44.632	nq	99
75) Fluoranthene	19.45	202	648012	46.107	nq	99
77) Benzidine	19.63	184	314283	59.800	nq	99
78) Pyrene	19.81	202	660645	40.870	nq	99
80) Butylbenzylphthalate	20.69	149	253038	41.319	nq	97
81) Benzo(a)anthracene	21.65	228	699820	42.782	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	207933	32.865	nq	99
83) Chrysene	21.72	228	674262	41.486	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	365507	42.016	nq	98
85) Di-n-octyl phthalate	22.75	149	624974	42.345	nq	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	866220	42.459	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	721229	43.019	nq	97
89) Benzo(k)fluoranthene	23.92	252	744375	44.104	nq	99
90) Benzo(a)pyrene	24.71	252	688085	42.979	nq	98
91) Dibenzo(a,h)anthracene	28.57	278	731031	44.642	nq	99
92) Benzo(g,h,i)perylene	29.65	276	726122	44.953	nq	97

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

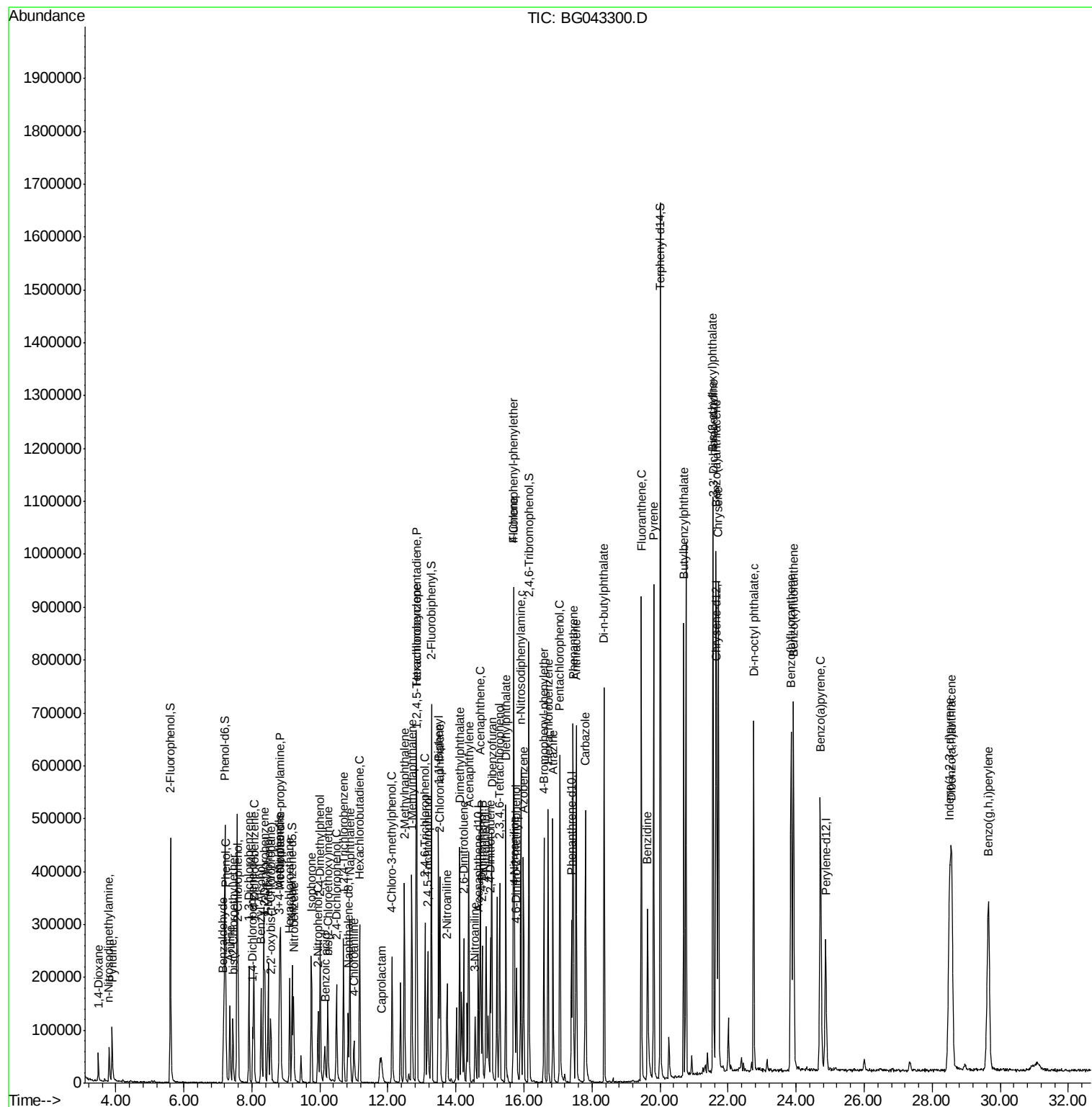
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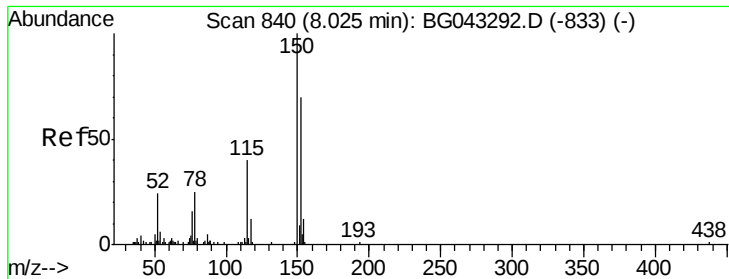
Instrument :
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ClientSampleId :
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#1

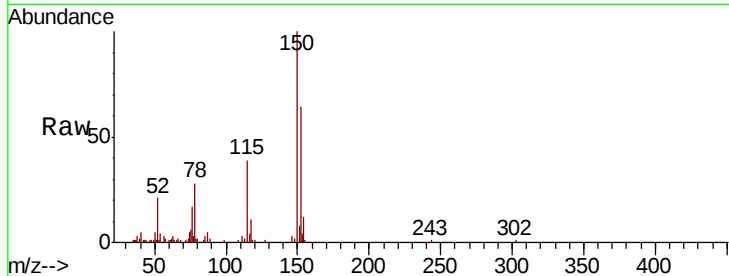
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	113.6	170.4
115	60.7	45.9	68.9

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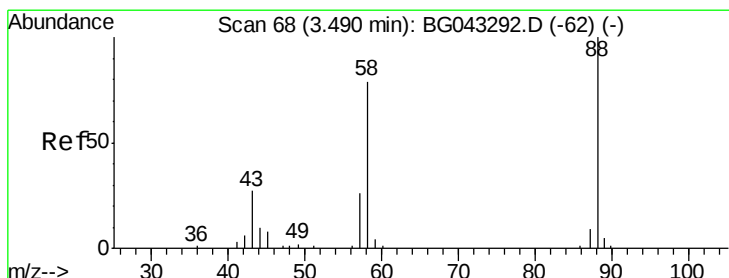
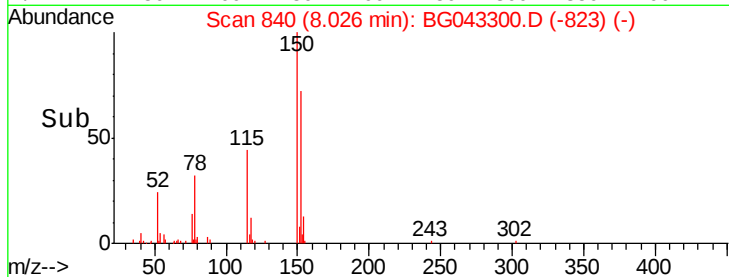
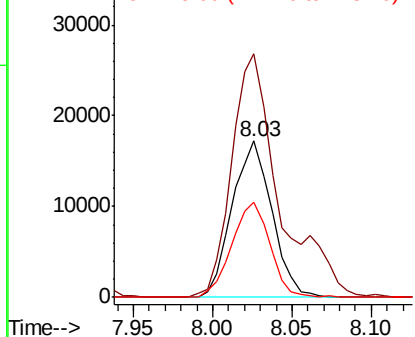


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

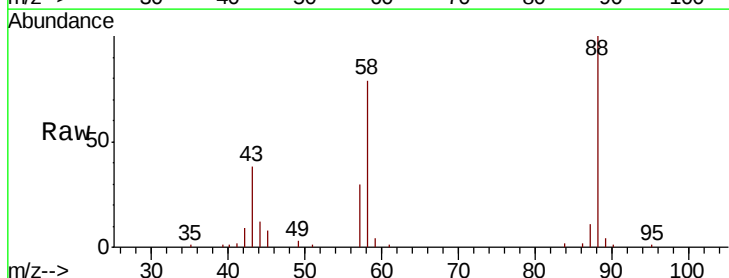
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.594 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	60.2	90.2
43	34.3	22.7	34.1#

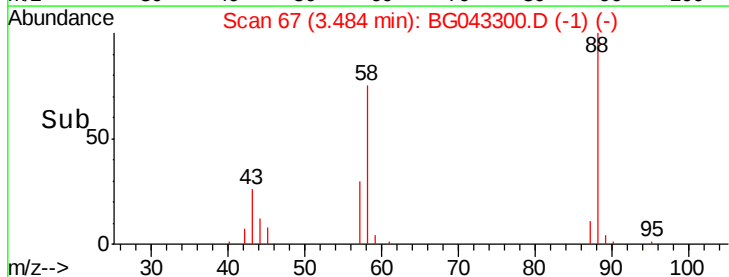
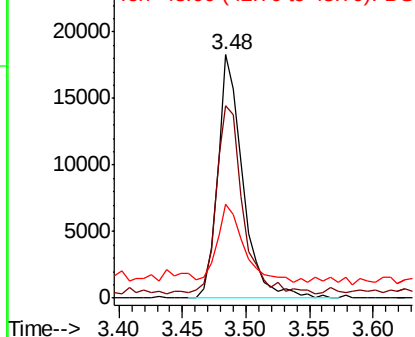


Abundance

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: 37.129 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

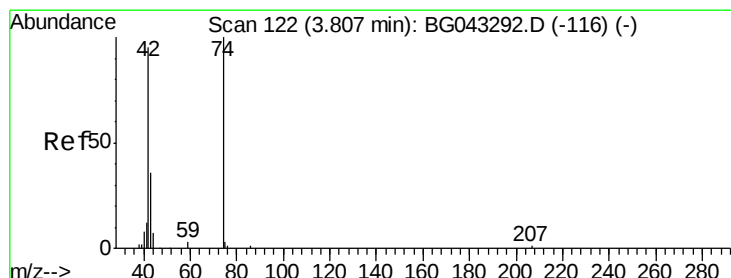
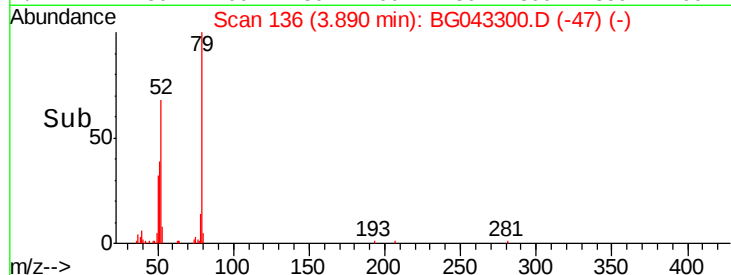
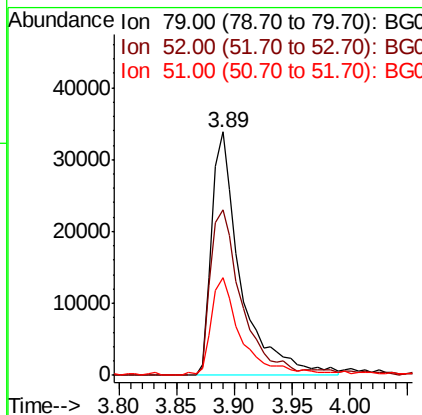
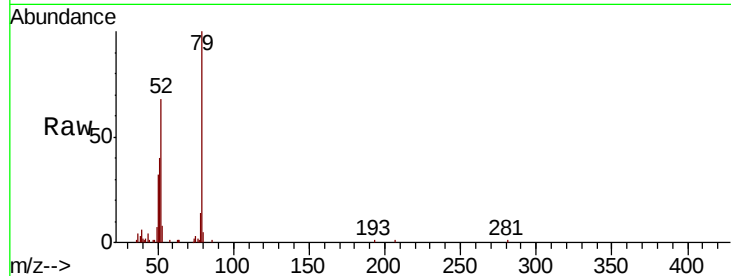
ClientSampleId :

PB123945BS

Tot Ion:	79	Resp:	59381
Ion	Ratio	Lower	Upper
79	100		
52	67.8	59.7	89.5
51	39.9	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 48.044 ng

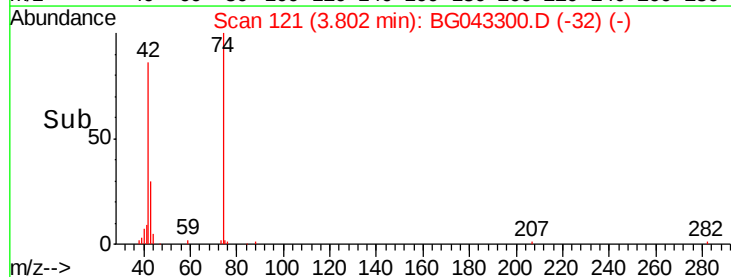
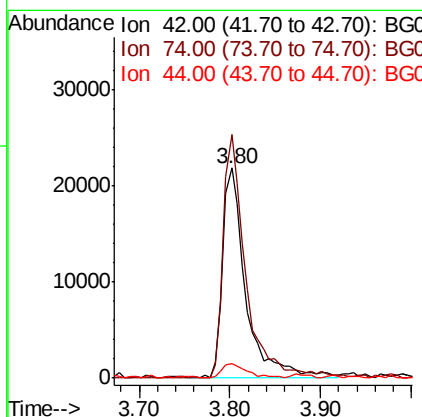
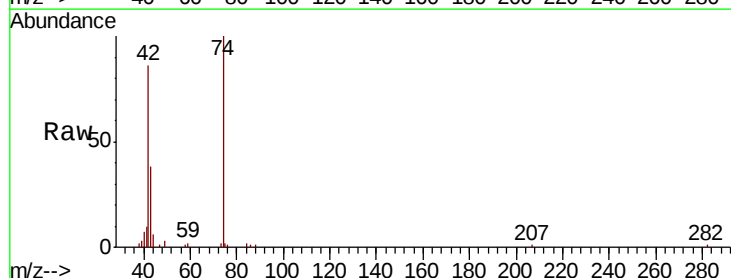
RT: 3.80 min Scan# 121

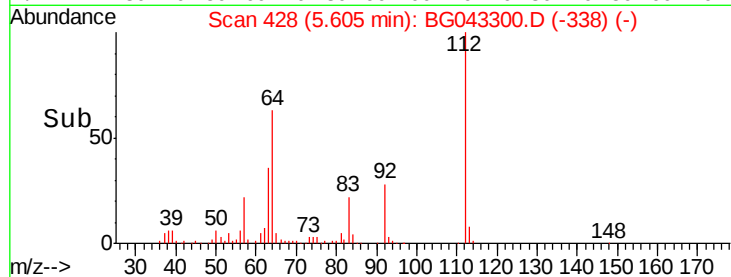
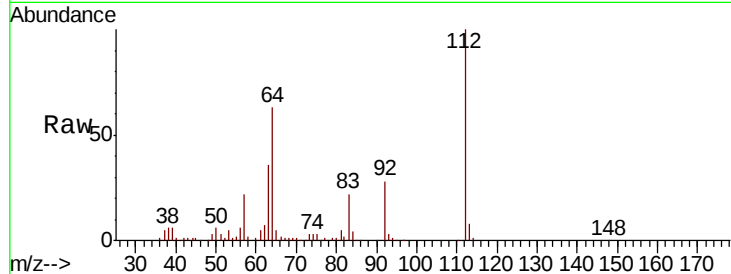
Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	42	Resp:	38773
Ion	Ratio	Lower	Upper
42	100		
74	115.8	84.2	126.2
44	6.9	6.0	9.0





#5

2-Fluorophenol

Concen: 131.968 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tot Ion:	112	Resp:	214705
Ion Ratio	Lower	Upper	
112	100		
64	63.0	50.2	75.2
63	36.1	26.7	40.1

Instrument :

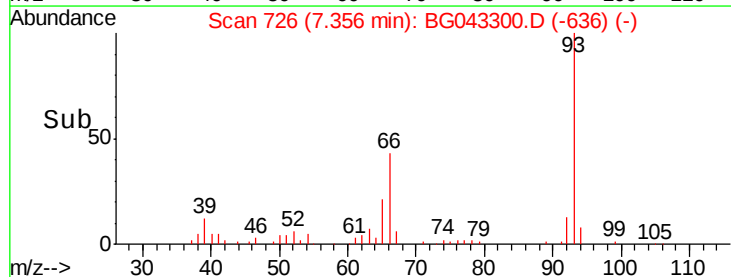
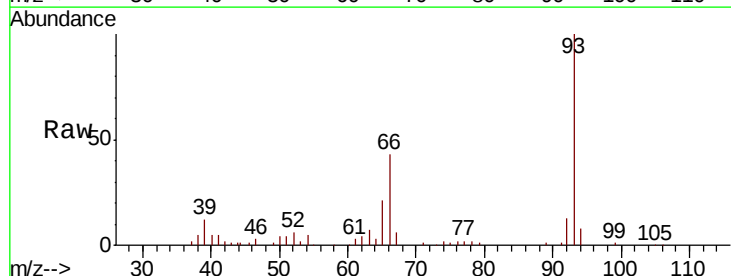
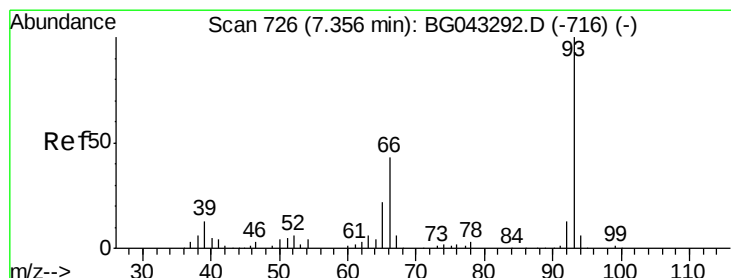
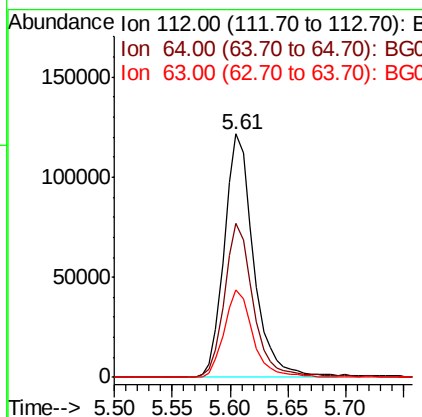
BNA_G

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#6

Aniline

Concen: 36.955 ng

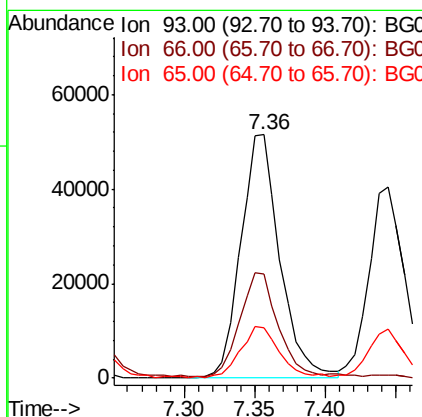
RT: 7.36 min Scan# 726

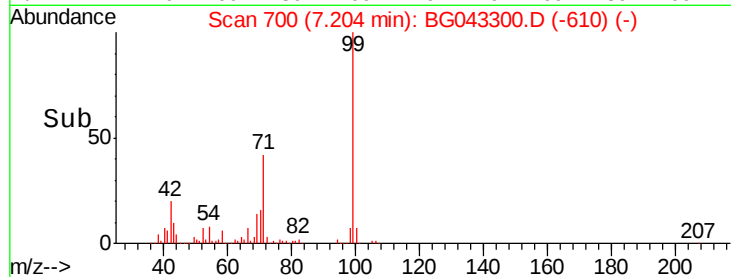
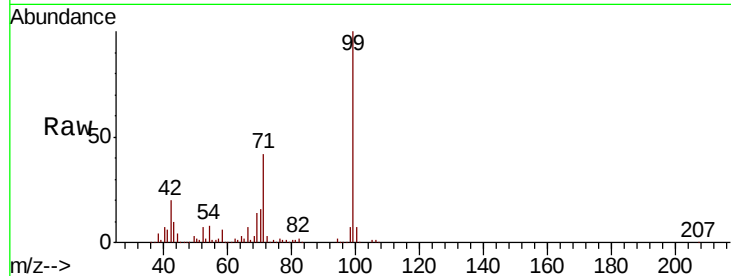
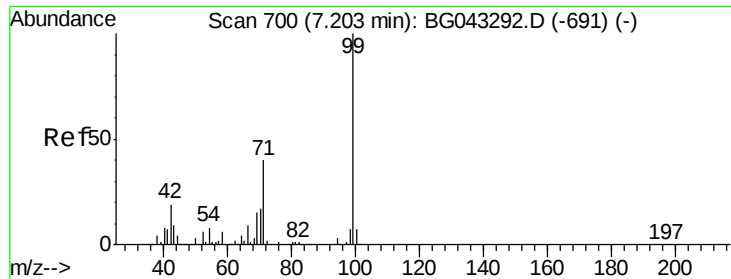
Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	93	Resp:	99650
Ion Ratio	Lower	Upper	
93	100		
66	42.8	34.5	51.7
65	20.6	18.0	27.0





#7

Phenol-d6

Concen: 122.060 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		285718		
42	19.7	14.9	22.3		
71	41.7	32.2	48.2		

Instrument :

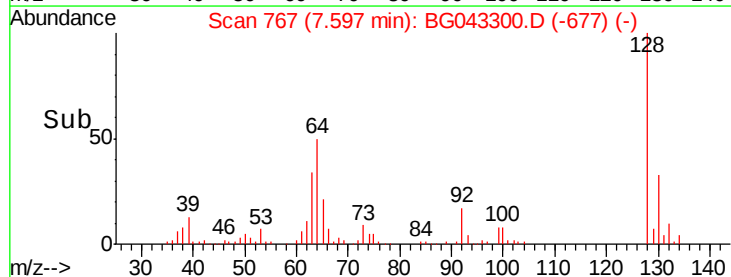
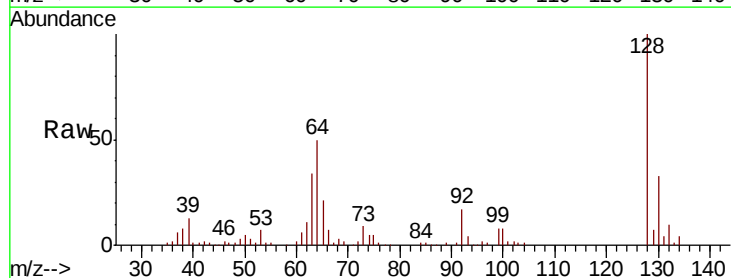
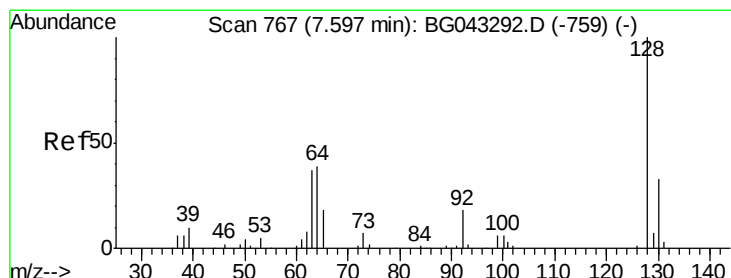
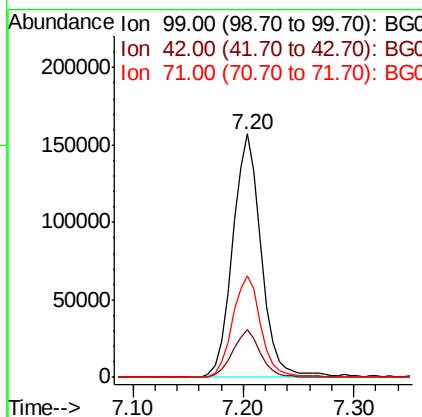
BNA_G

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#8

2-Chlorophenol

Concen: 47.491 ng

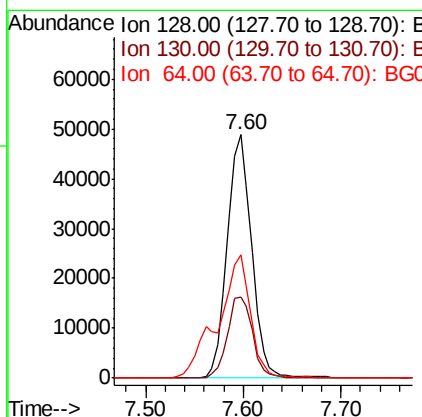
RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		85292		
130	33.2	12.9	52.9		
64	50.4	24.9	64.9		





#9

Benzaldehyde

Concen: 41.966 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

Tot Ion: 77 Resp: 48276

Ion Ratio Lower Upper

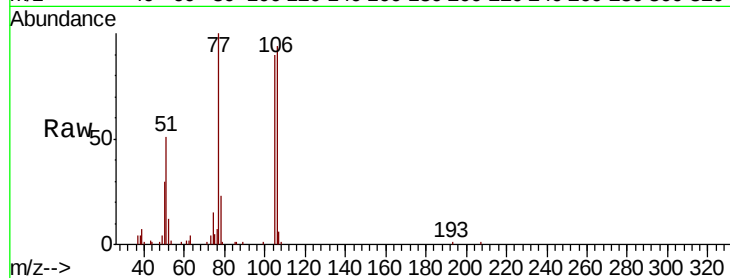
77 100

105 89.6 68.7 108.7

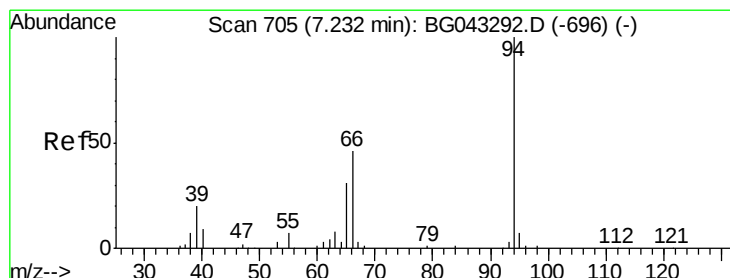
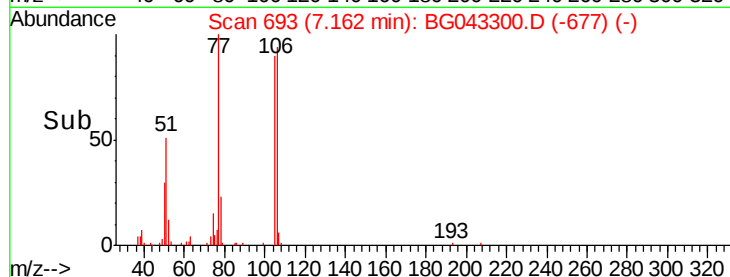
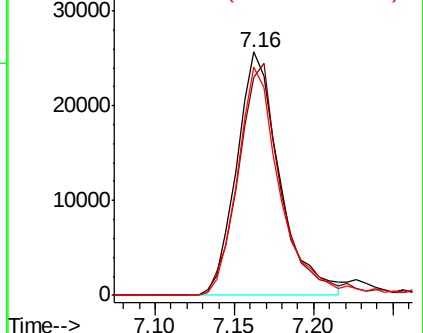
106 93.6 60.5 100.5

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.477 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

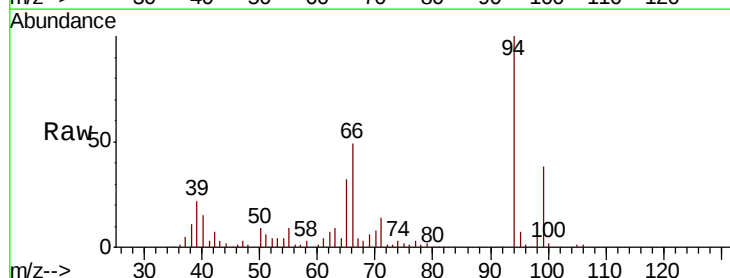
Tgt Ion: 94 Resp: 103692

Ion Ratio Lower Upper

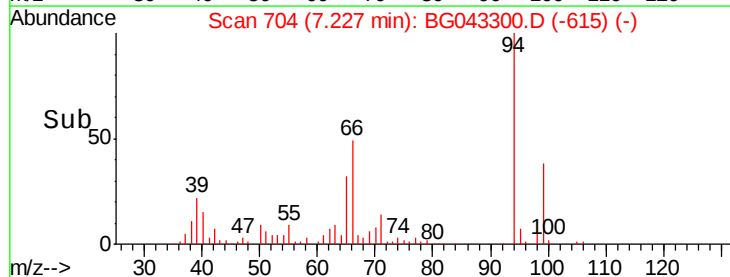
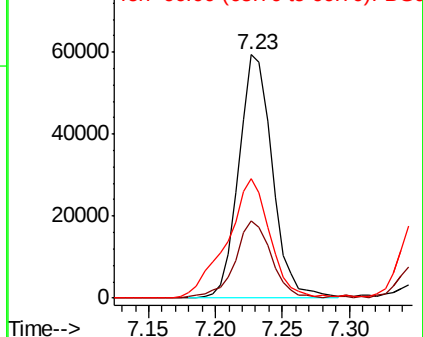
94 100

65 31.8 11.1 51.1

66 49.2 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





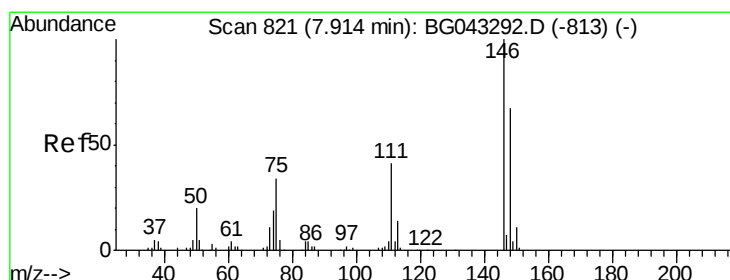
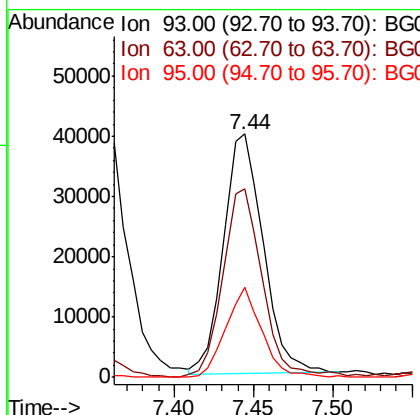
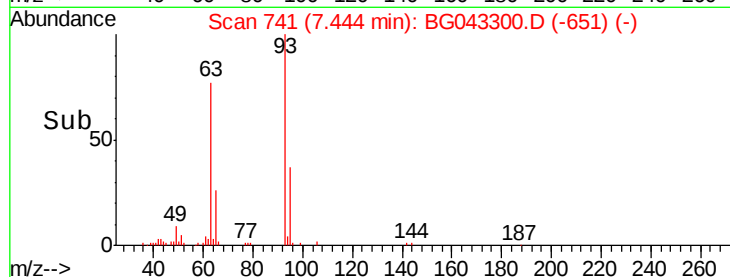
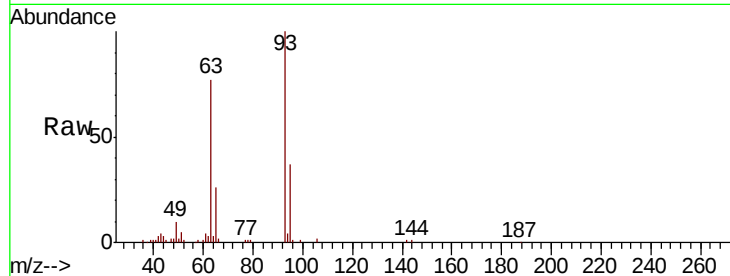
#11
bis(2-Chloroethyl)ether
Concen: 41.840 ng
RT: 7.44 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.4	54.6	94.6
95	36.9	9.7	49.7

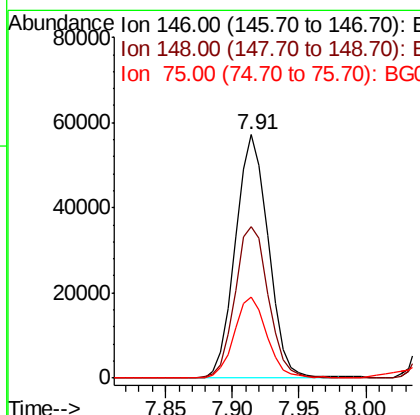
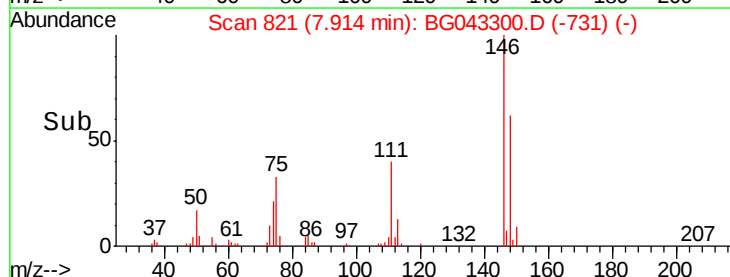
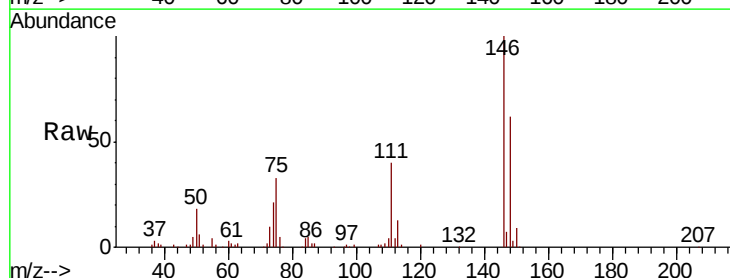
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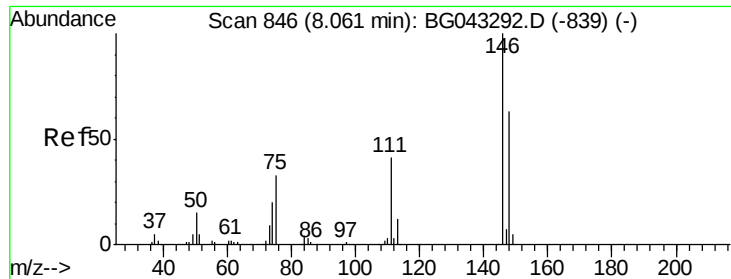
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.475 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	53.4	80.2
75	33.2	27.0	40.4





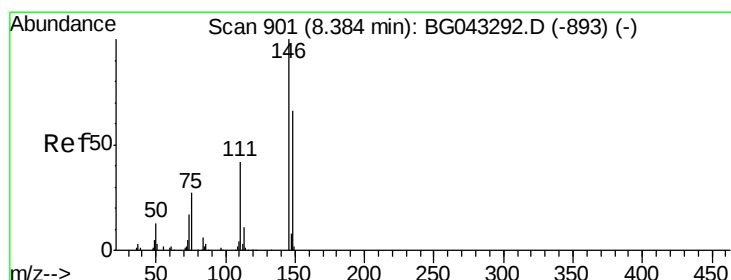
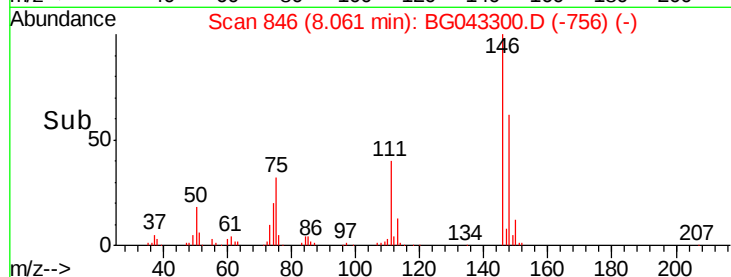
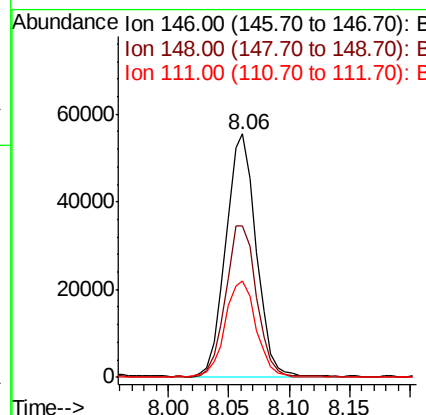
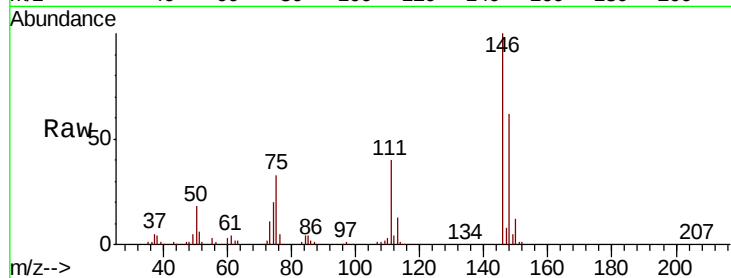
#13
1,4-Dichlorobenzene
Concen: 42.714 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	39.6	33.0	49.6

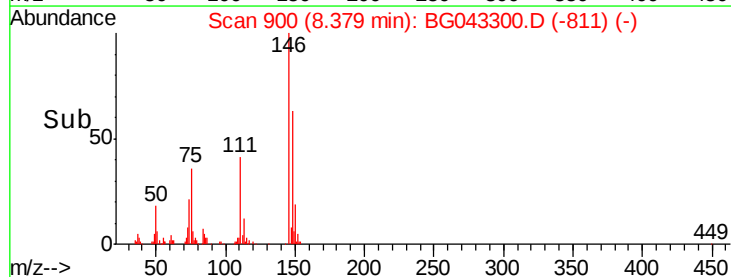
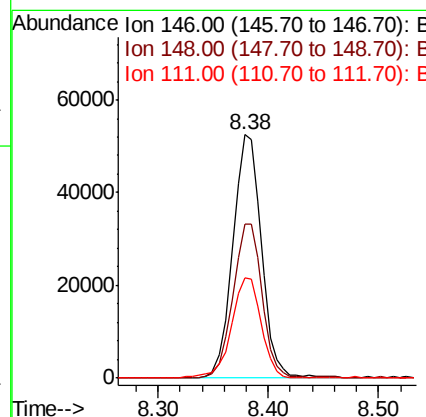
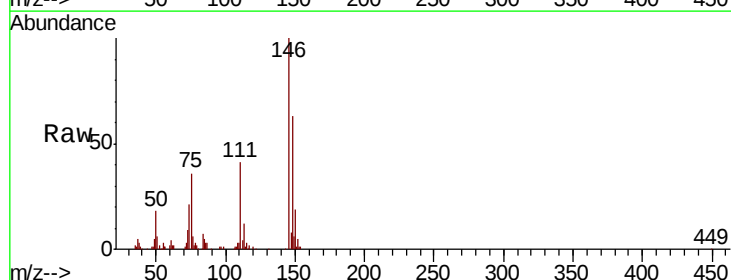
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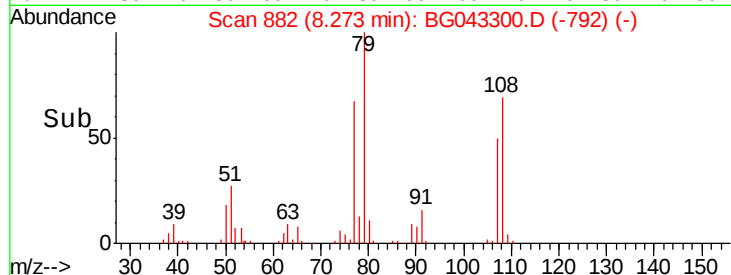
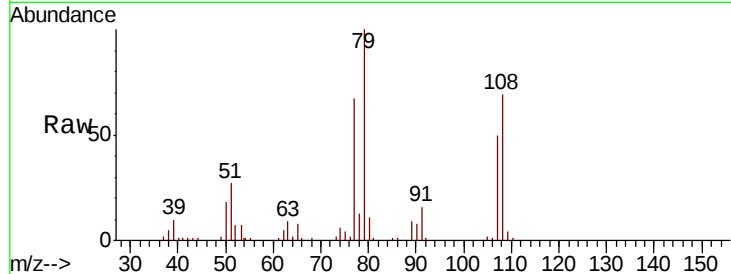
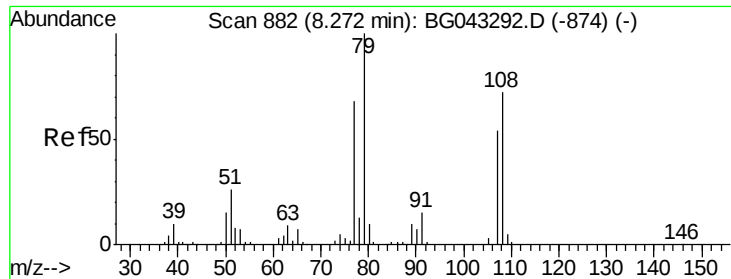
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#14
1,2-Dichlorobenzene
Concen: 43.097 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.0	79.4
111	41.4	34.5	51.7





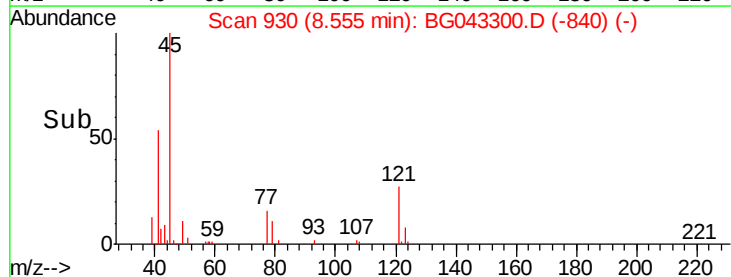
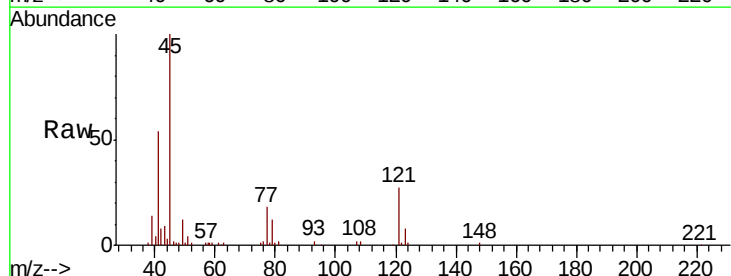
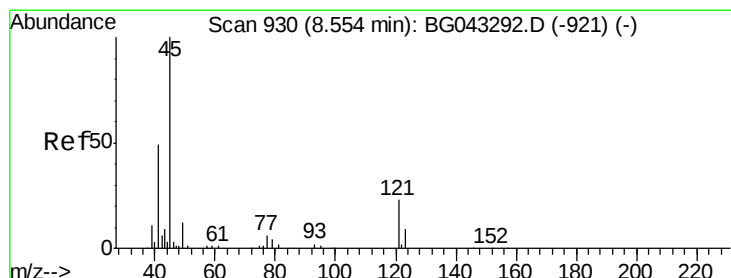
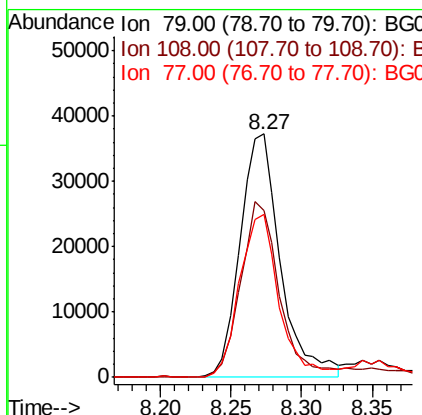
#15
Benzyl Alcohol
Concen: 45.306 ng
RT: 8.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.6	57.3	85.9
77	67.2	54.6	81.8

Instrument :
BNA_G
ClientSampleID :
PB123945BS

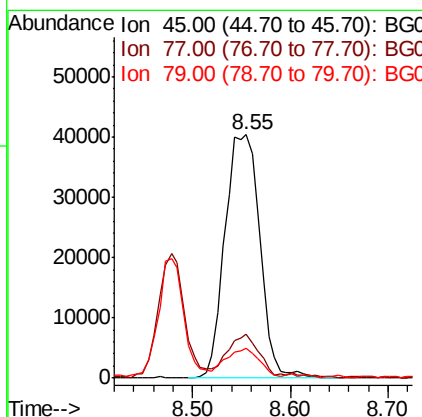
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.794 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	34.2
79	12.4	0.0	32.3





#17

2-Methylphenol

Concen: 46.324 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

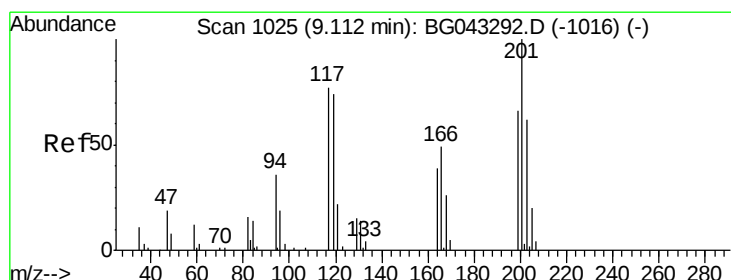
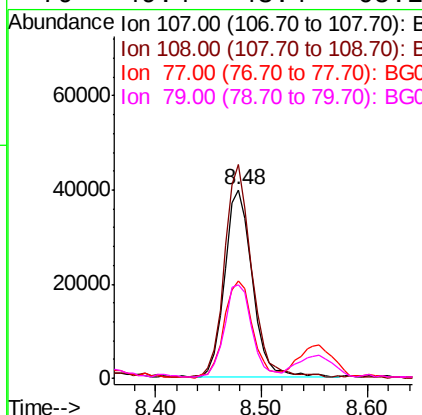
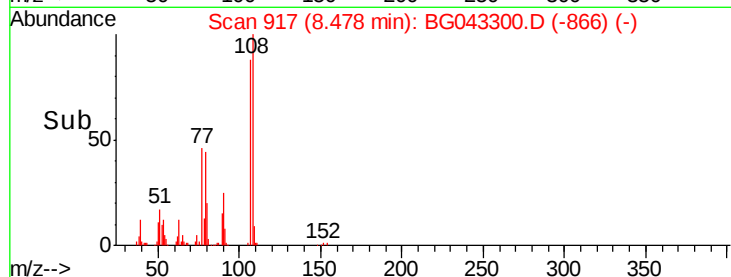
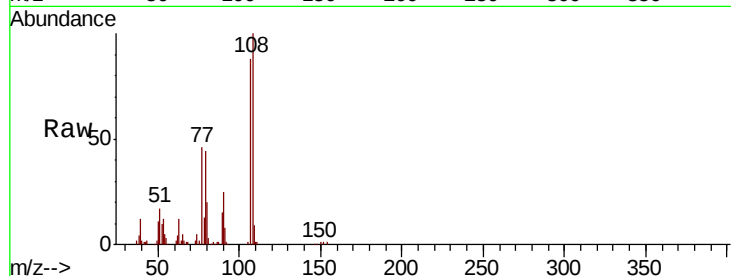
ClientSampleId :

PB123945BS

Tot Ion:	107	Resp:	72234
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.3	136.9
77	51.8	43.0	64.6
79	49.4	43.4	65.2

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#18

Hexachloroethane

Concen: 43.104 ng

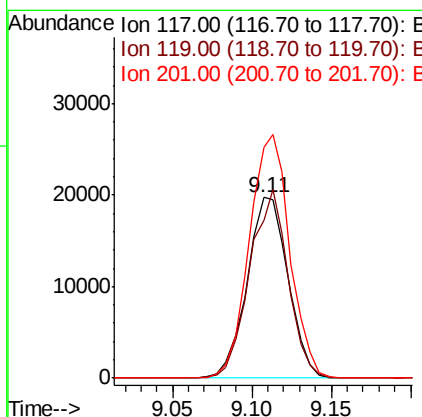
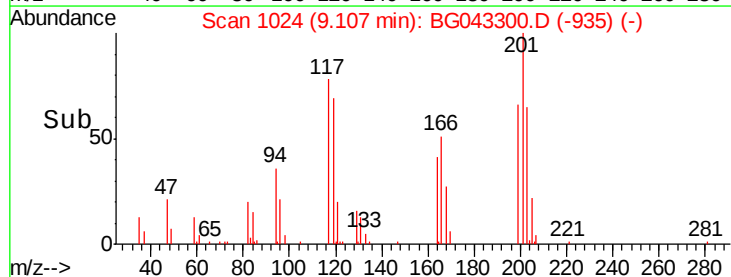
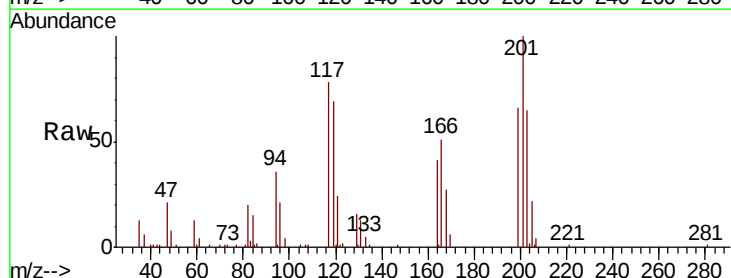
RT: 9.11 min Scan# 1024

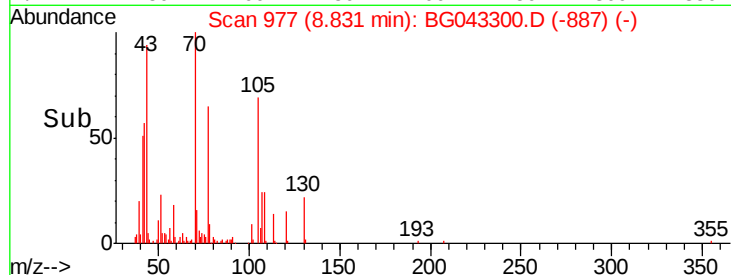
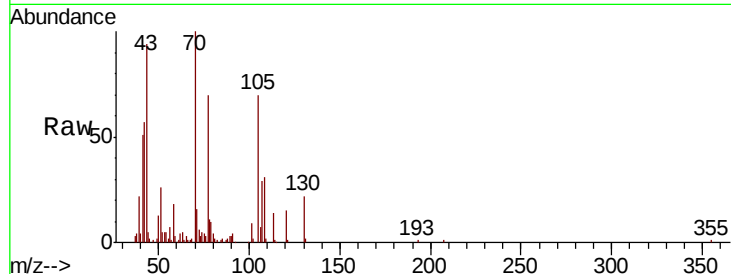
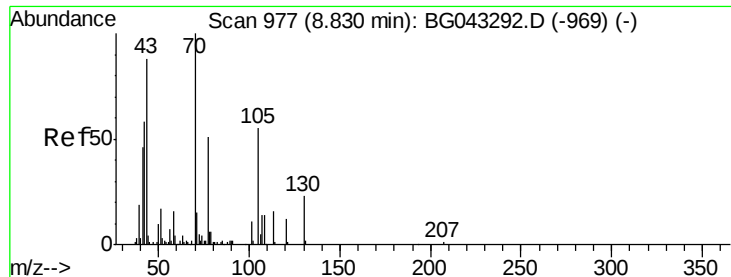
Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	117	Resp:	35405
Ion Ratio	Lower	Upper	
117	100		
119	87.9	77.3	115.9
201	128.1	104.2	156.4





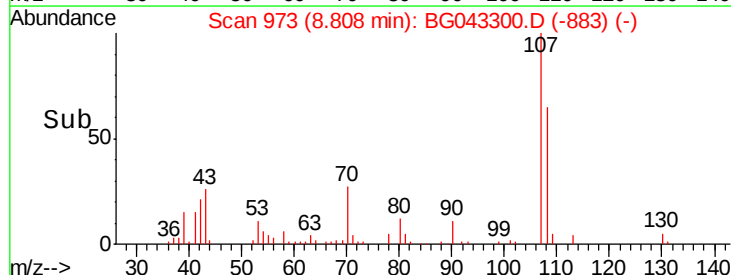
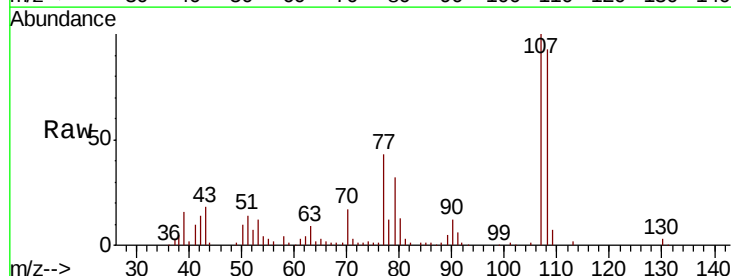
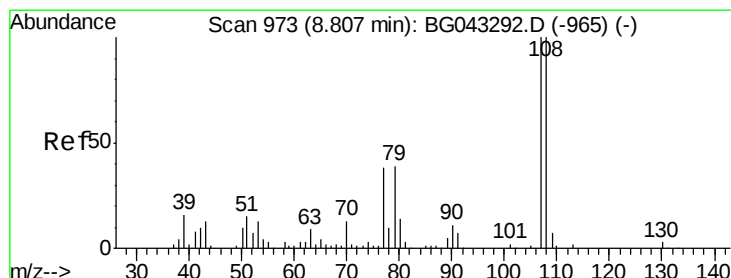
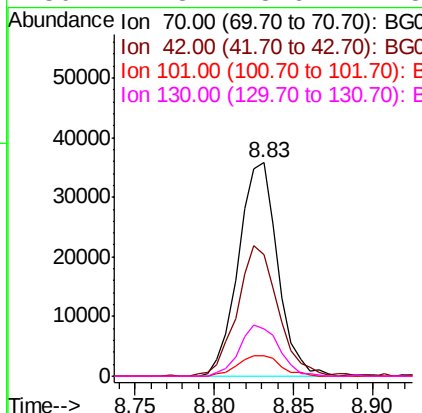
#19
n-Nitroso-di-n-propylamine
Concen: 40.693 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleID :
PB123945BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	46.2	69.2	
101	9.4	8.6	13.0	
130	22.3	18.6	27.8	

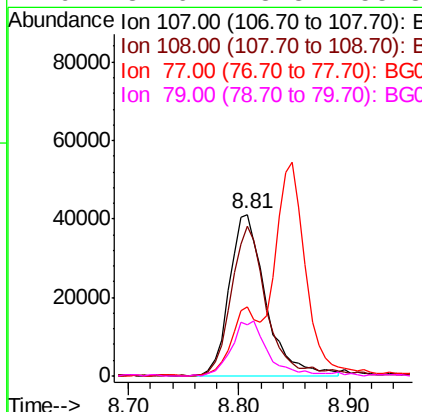
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#20
3+4-Methylphenols
Concen: 44.512 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.5	80.3	120.3	
77	43.2	18.2	58.2	
79	31.6	18.8	58.8	





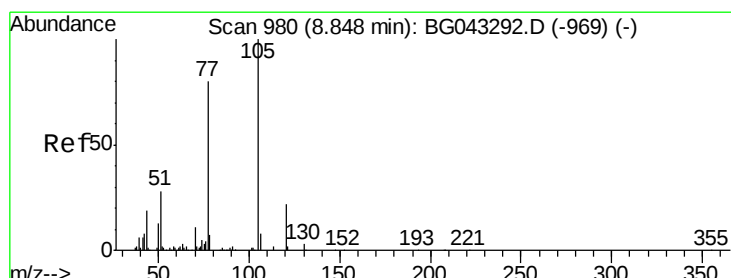
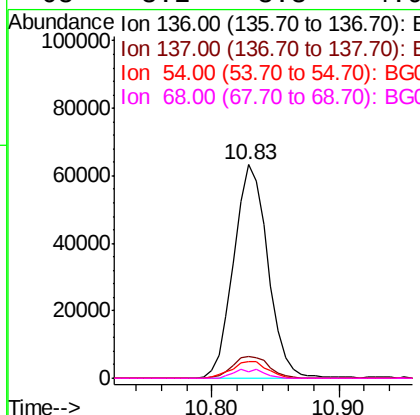
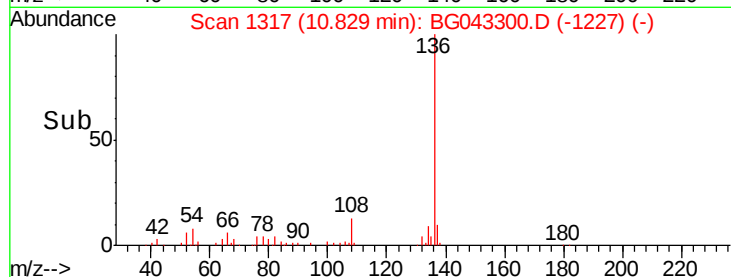
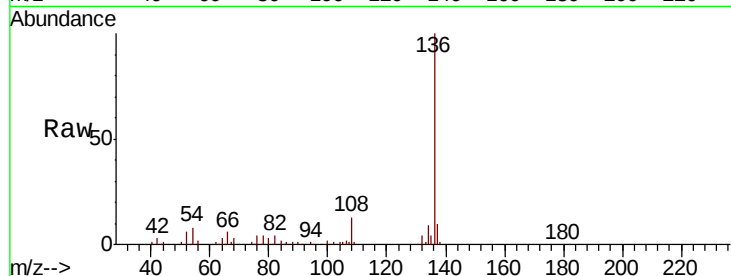
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.2	12.2	
54	7.9	5.4	8.2	
68	3.2	3.3	4.9	

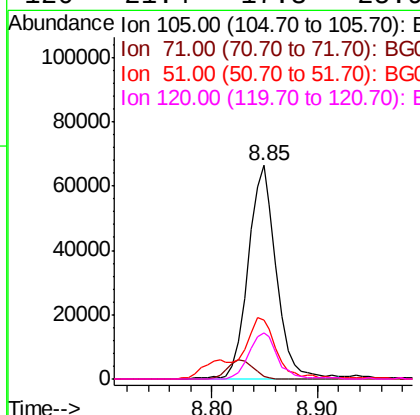
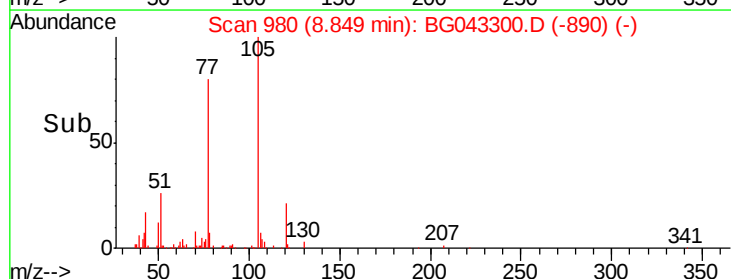
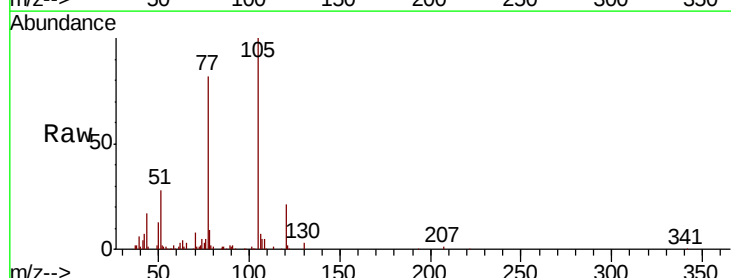
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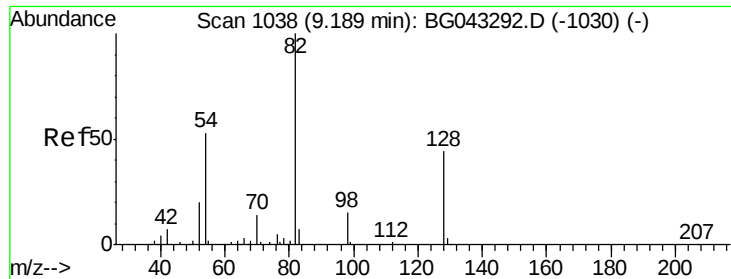
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#22
Acetophenone
Concen: 40.558 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	1.5	2.3	
51	27.8	23.9	35.9	
120	21.4	17.3	25.9	





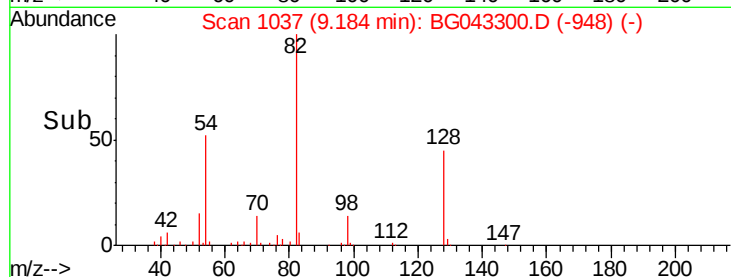
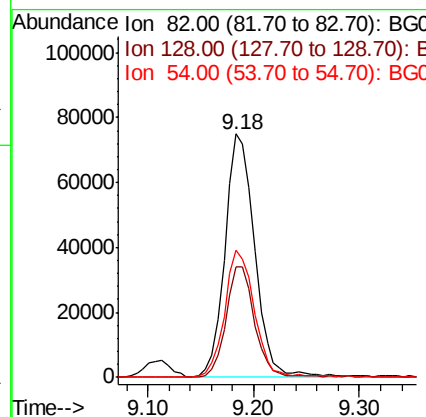
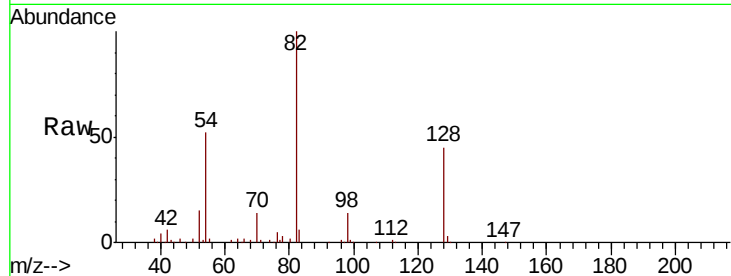
#23
Nitrobenzene-d5
Concen: 63.143 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	82	Resp	144891
Ion Ratio	100	Lower	Upper
82	100		
128	45.2	35.3	52.9
54	52.0	42.3	63.5

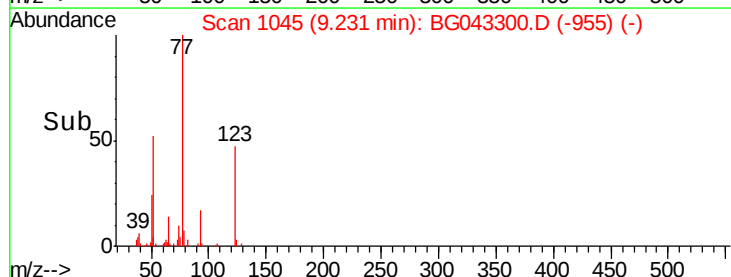
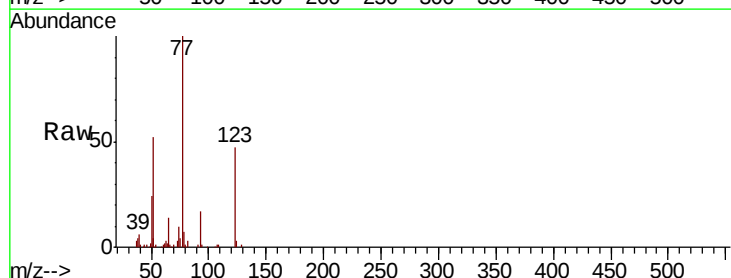
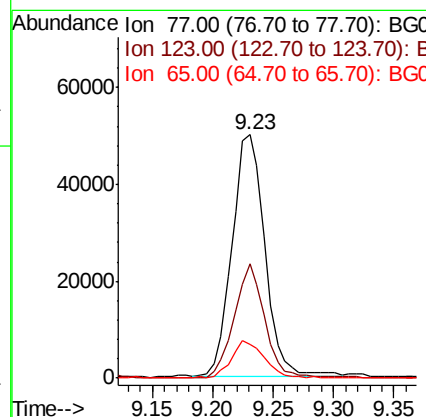
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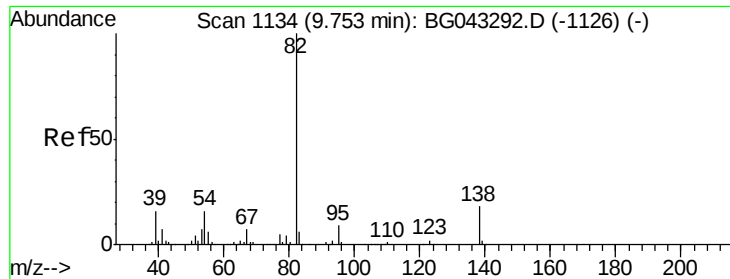
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#24
Nitrobenzene
Concen: 42.965 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	77	Resp	93917
Ion Ratio	100	Lower	Upper
77	100		
123	46.9	33.8	50.8
65	13.7	13.0	19.4





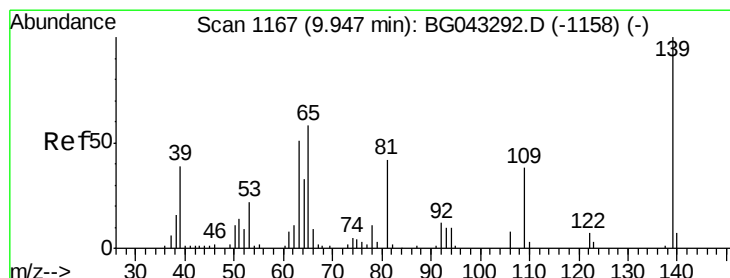
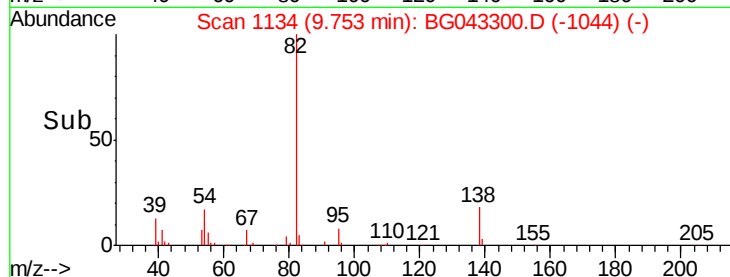
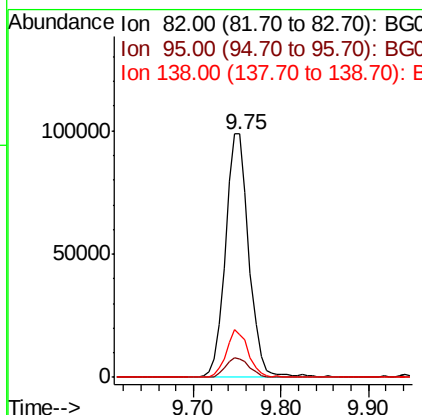
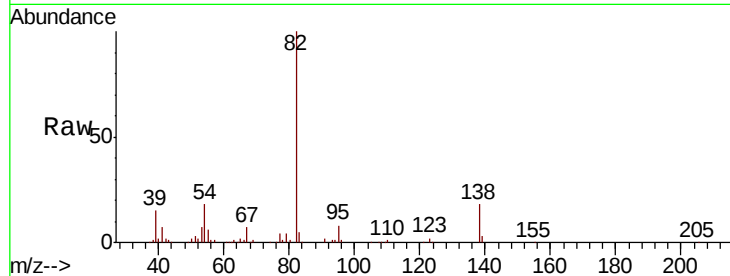
#25
Isophorone
Concen: 43.136 ng
RT: 9.75 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	180965		
95	7.7		6.9	10.3
138	17.7		14.2	21.2

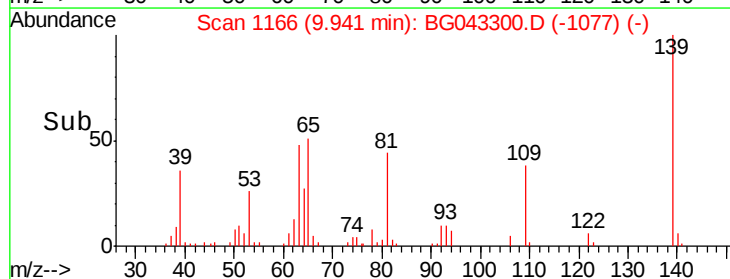
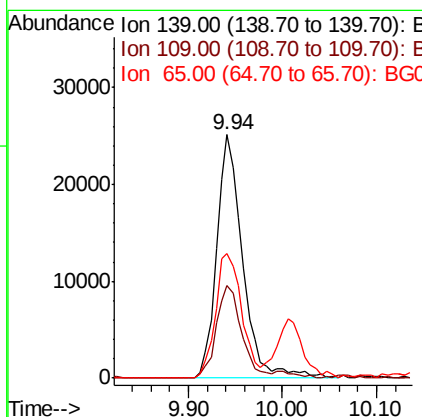
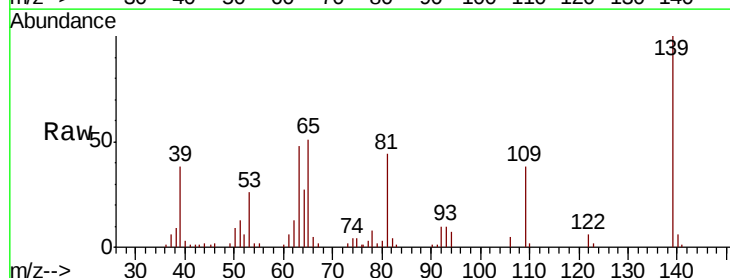
Manual Integrations
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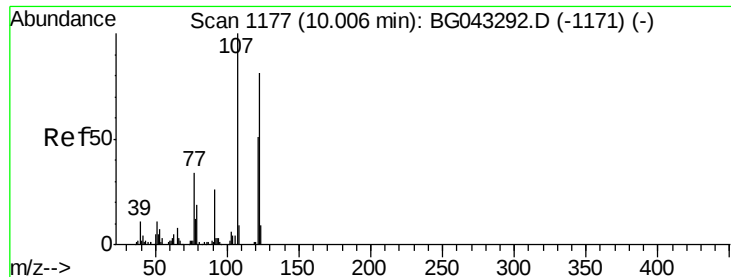
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#26
2-Nitrophenol
Concen: 45.872 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	48410		
109	37.8		30.1	45.1
65	51.1		46.1	69.1





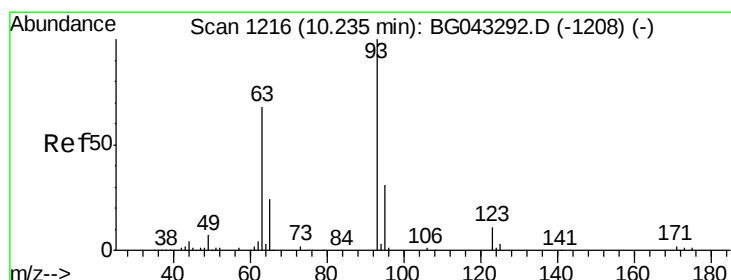
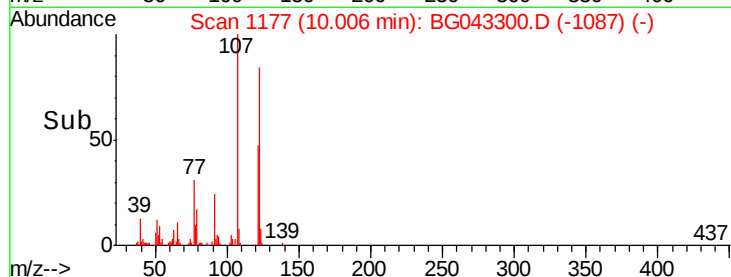
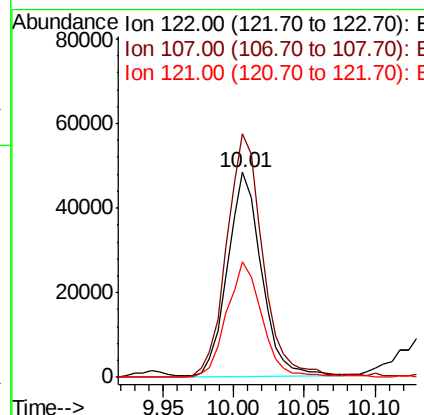
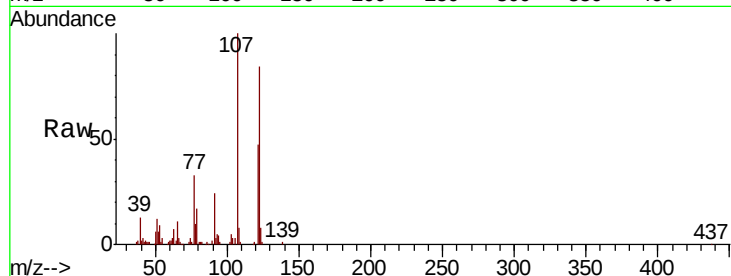
#27
2,4-Dimethylphenol
Concen: 53.468 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	118.9	98.6	147.8	
121	56.2	50.1	75.1	

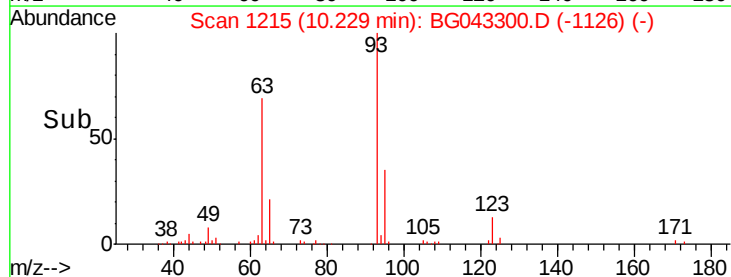
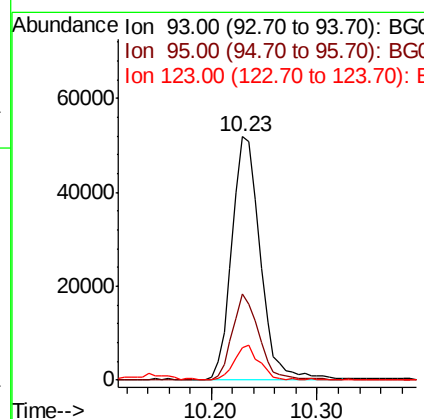
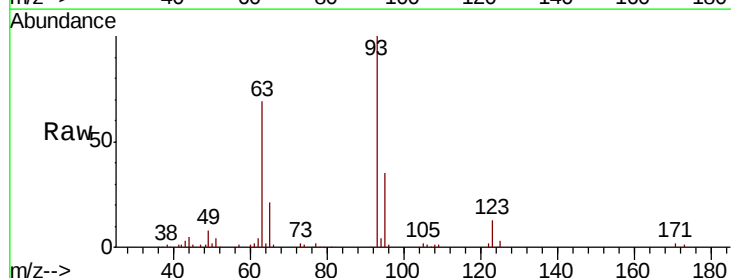
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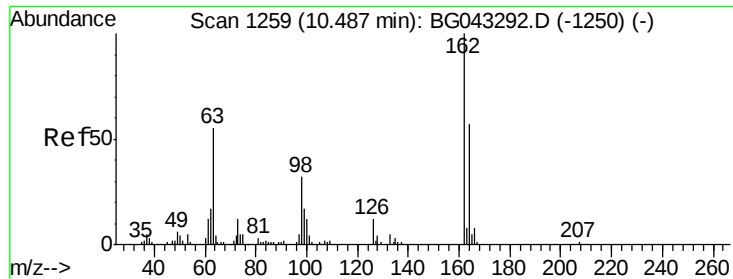
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.906 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	35.2	24.9	37.3	
123	13.4	8.9	13.3	





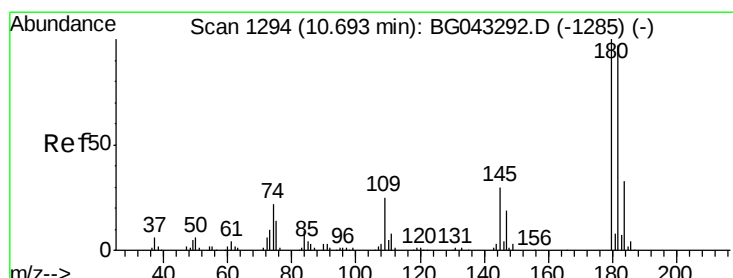
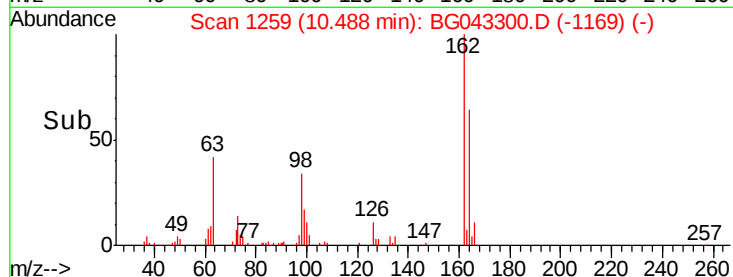
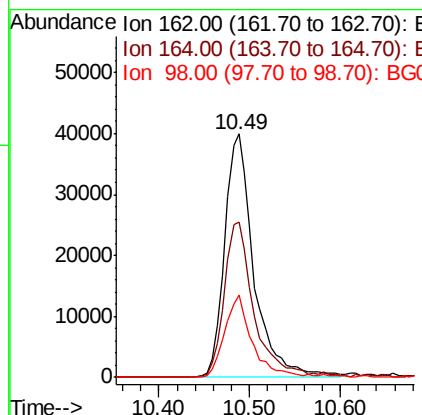
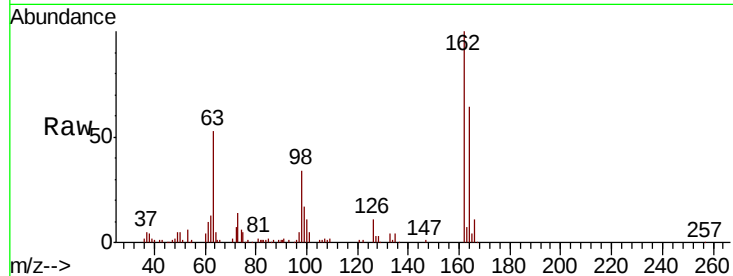
#29
 2,4-Dichlorophenol
 Concen: 46.016 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Instrument :
 BNA_G
 ClientSampleID :
 PB123945BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		89180		
164	64.0	37.3		77.3	
98	33.7	11.8		51.8	

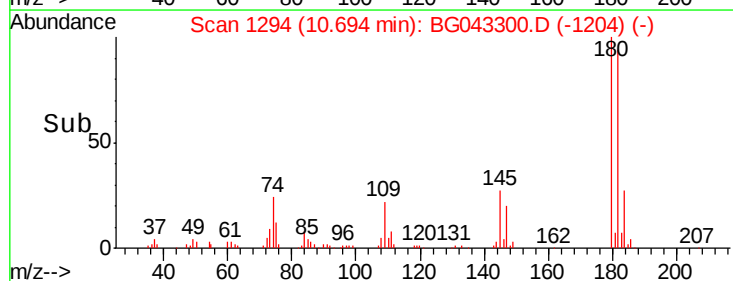
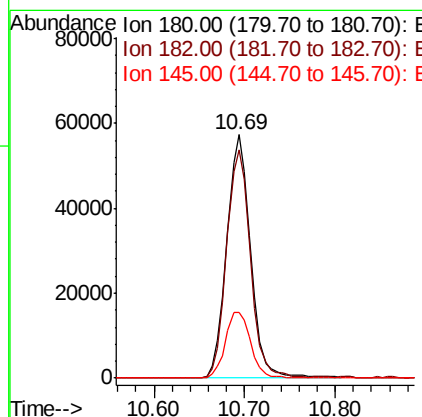
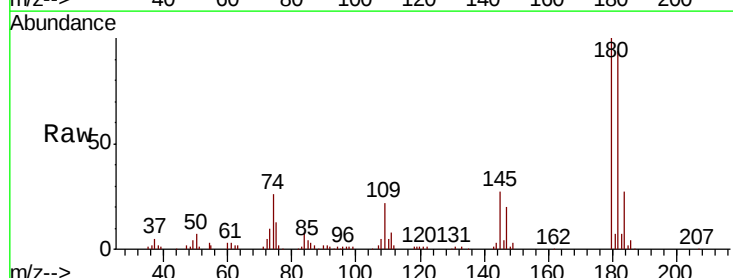
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.920 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		104837		
182	93.7	77.8		116.8	
145	26.9	23.6		35.4	





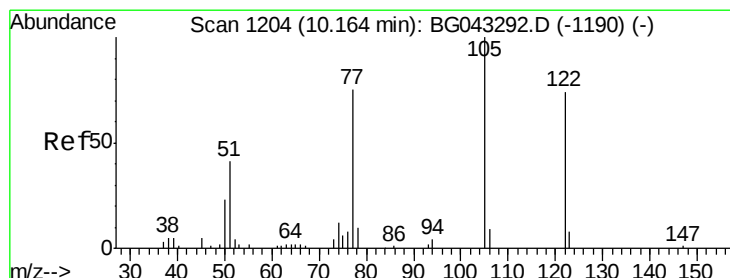
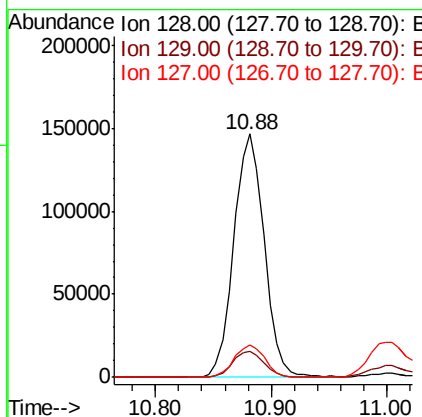
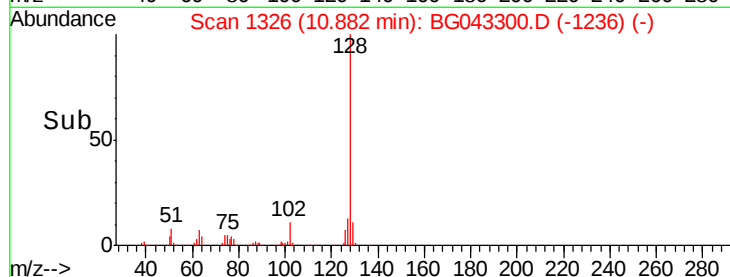
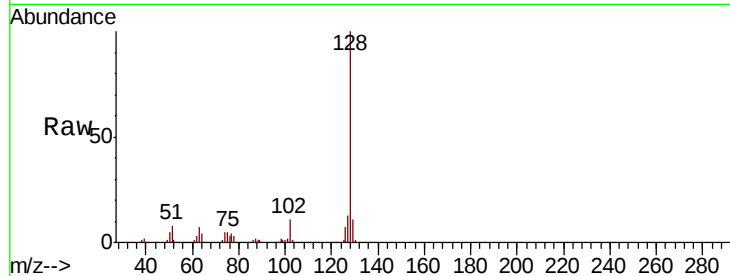
#31
Naphthalene
Concen: 44.468 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.3	11.5	17.3

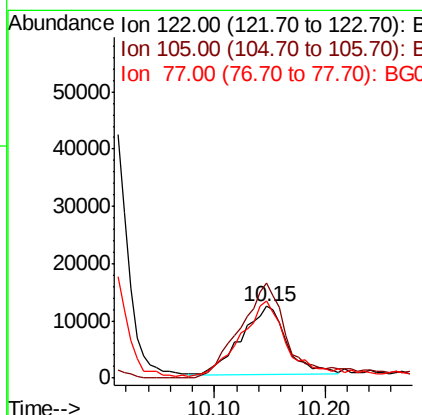
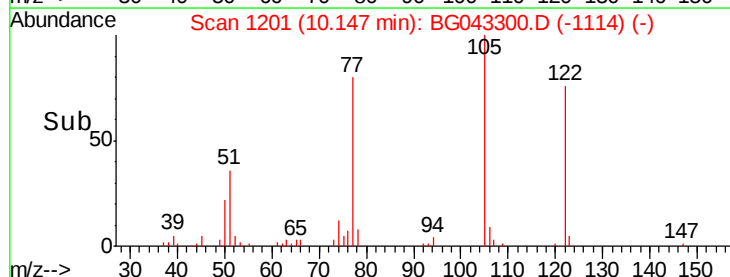
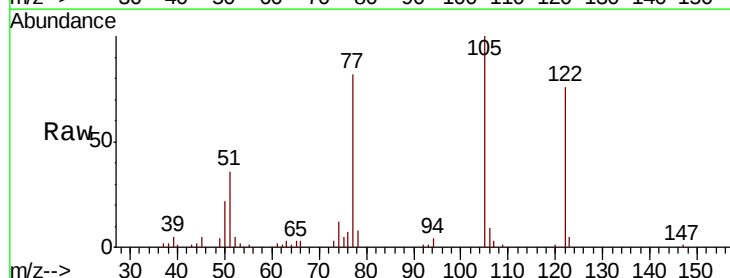
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#32
Benzoic acid
Concen: 33.557 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	112.4	152.4
77	107.5	82.7	122.7





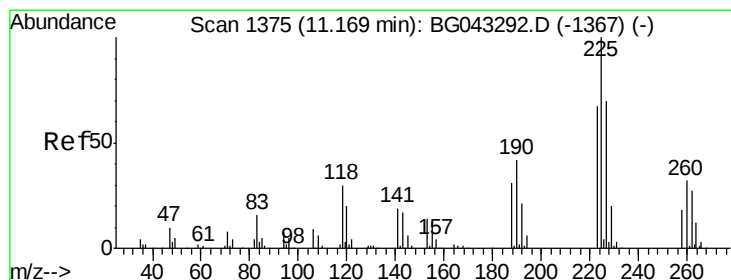
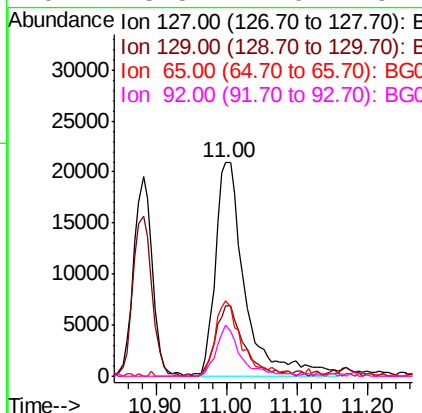
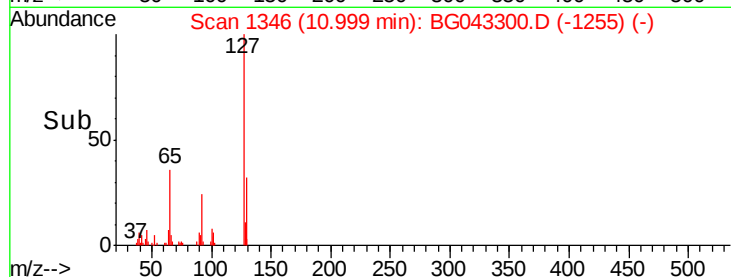
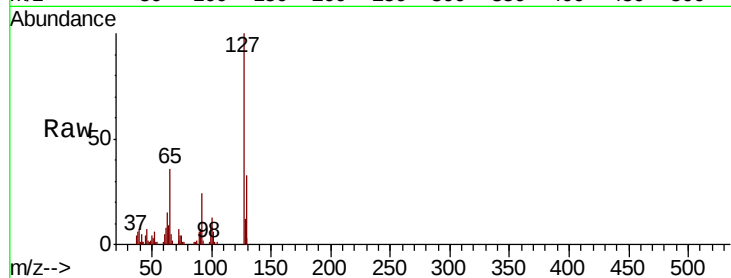
#33
4-Chloroaniline
Concen: 24.823 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.8
65	35.5	26.2	39.2
92	23.8	17.0	25.4

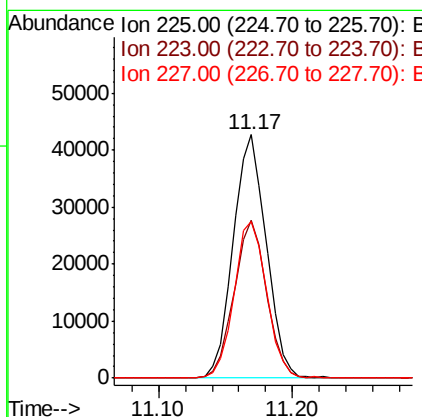
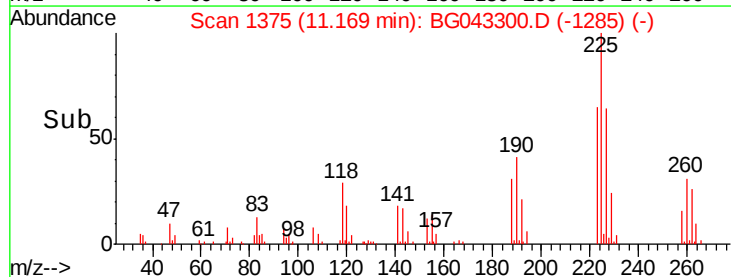
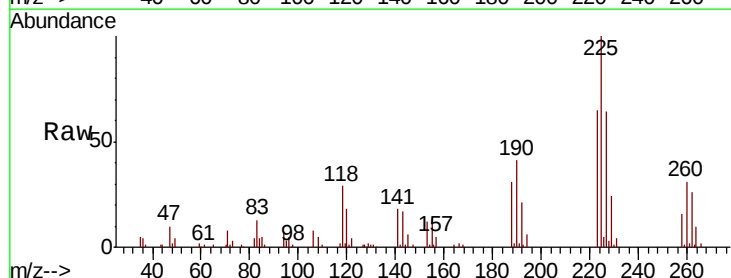
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#34
Hexachlorobutadiene
Concen: 40.541 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	53.2	79.8
227	64.1	56.2	84.2





#35

Caprolactam

Concen: 43.164 ng/mL

RT: 11.80 min Scan# 1483

Delta R.T. 0.04 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleID :

PB123945BS

Tot Ion: 113 Resp: 28810

Ion Ratio Lower Upper

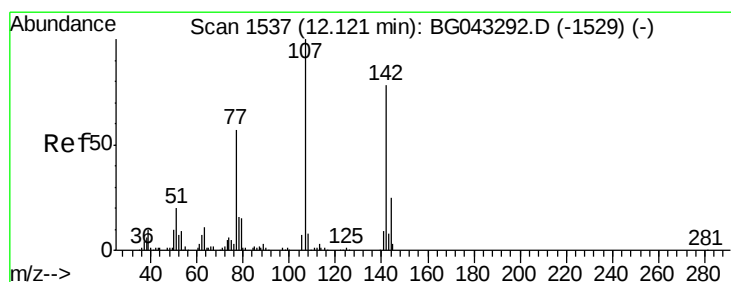
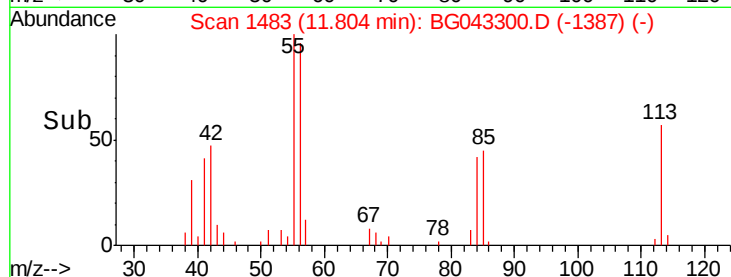
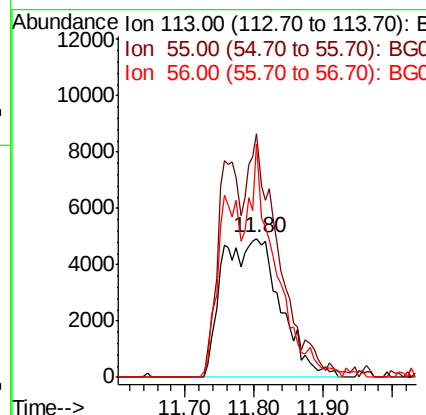
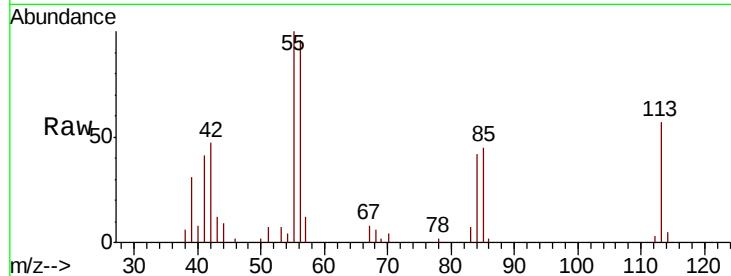
113 100

55 175.5 158.9 198.9

56 168.0 121.4 161.4#

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#36

4-Chloro-3-methylphenol

Concen: 45.216 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

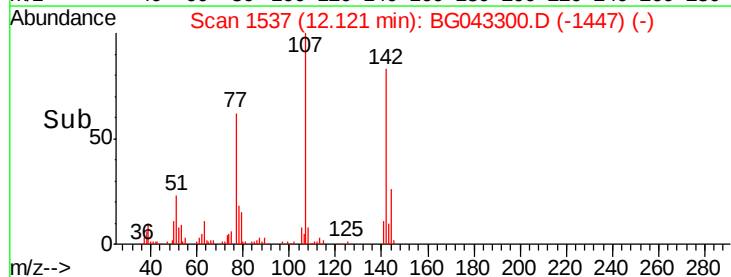
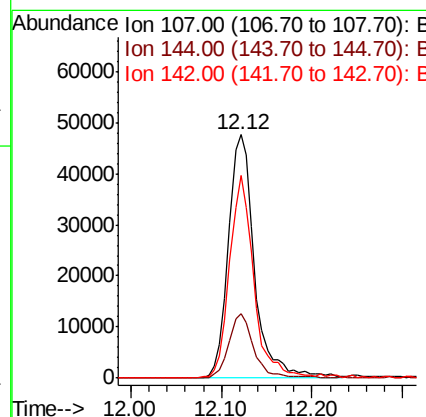
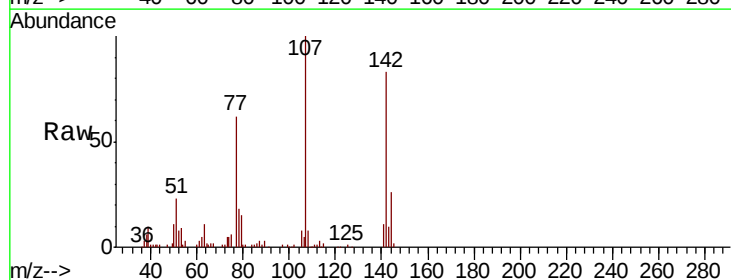
Tgt Ion: 107 Resp: 95584

Ion Ratio Lower Upper

107 100

144 26.3 19.9 29.9

142 83.2 62.1 93.1





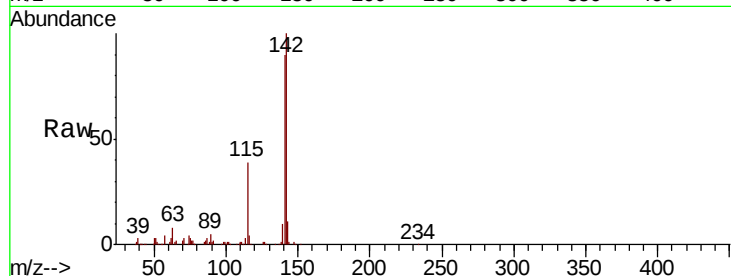
#37
2-Methylnaphthalene
Concen: 44.092 ng
RT: 12.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.7	104.5
115	39.3	30.6	46.0

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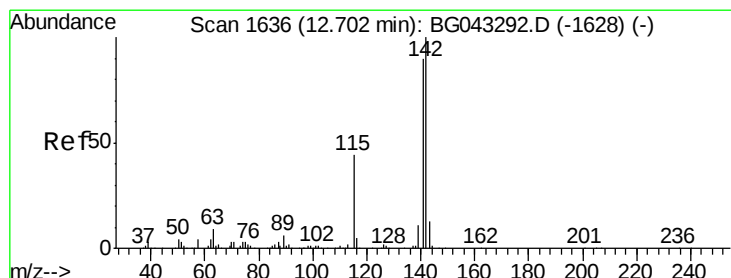
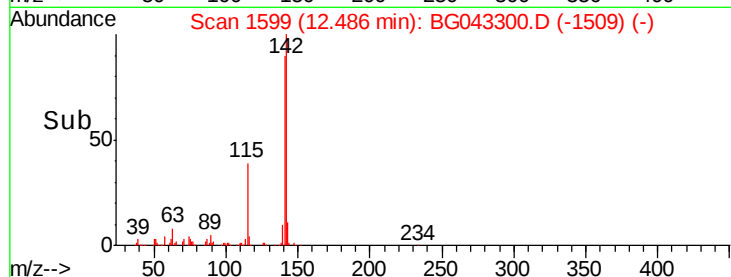
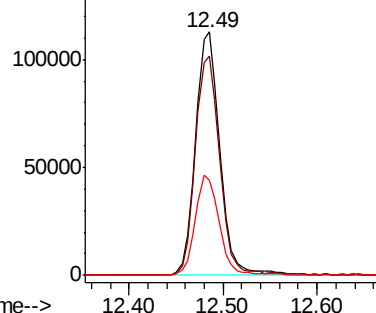


Abundance

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: 44.033 ng
RT: 12.70 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

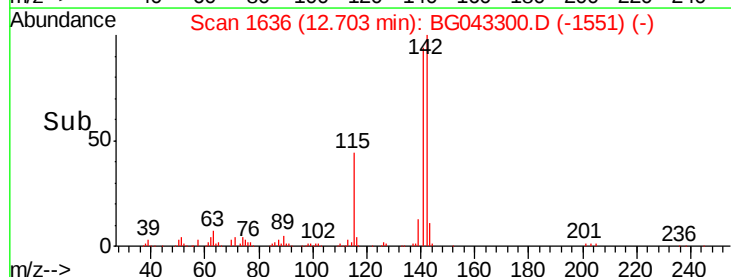
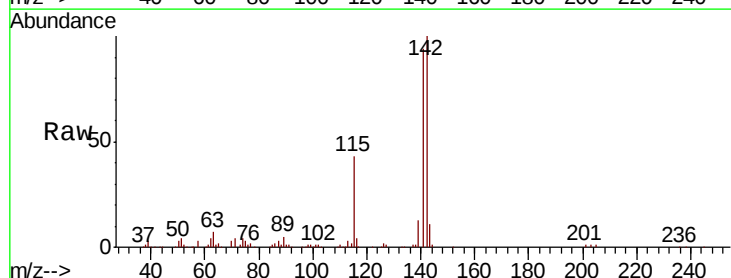
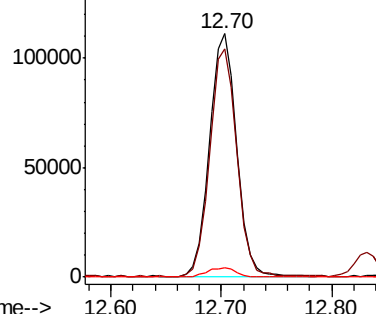
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.3	108.5
116	3.9	3.8	5.6

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





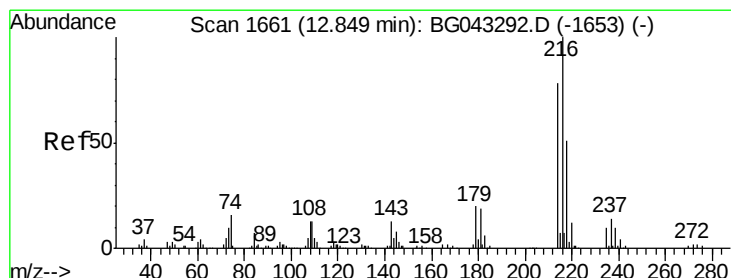
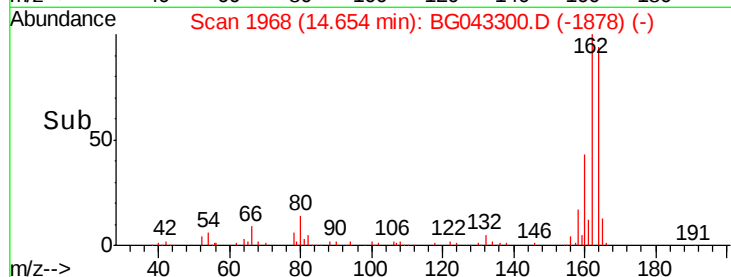
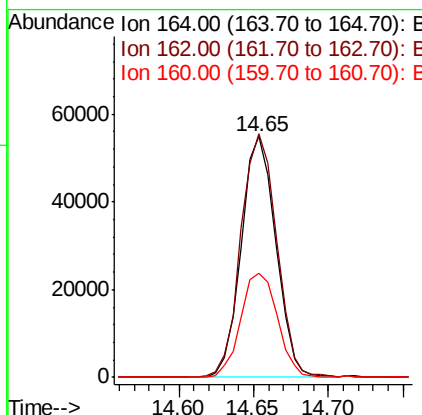
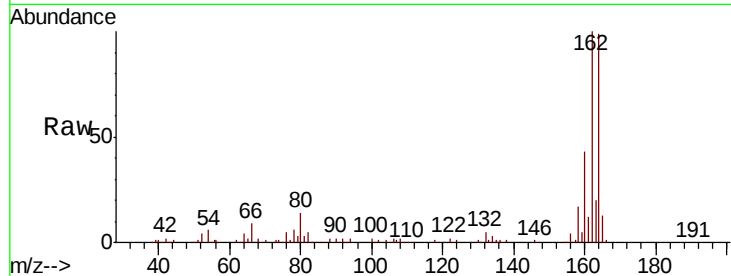
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	87.0	130.4
160	43.1	35.5	53.3

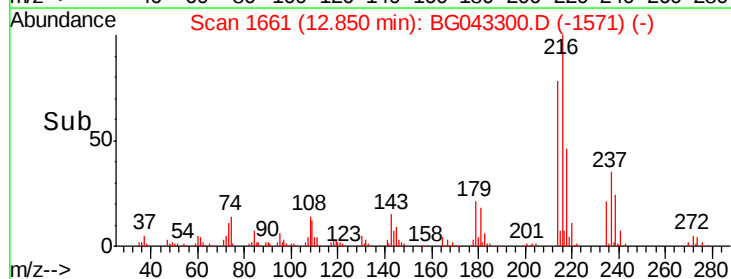
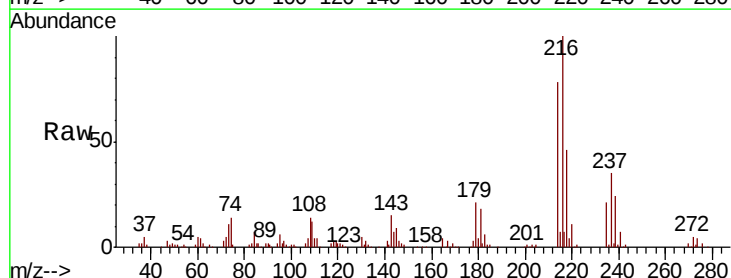
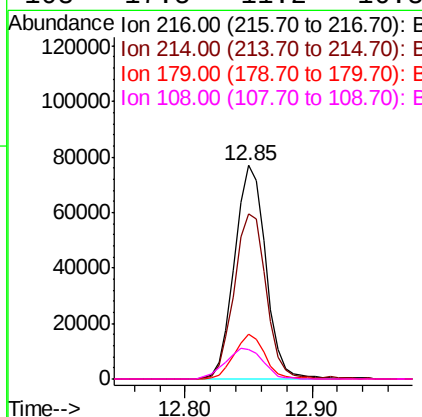
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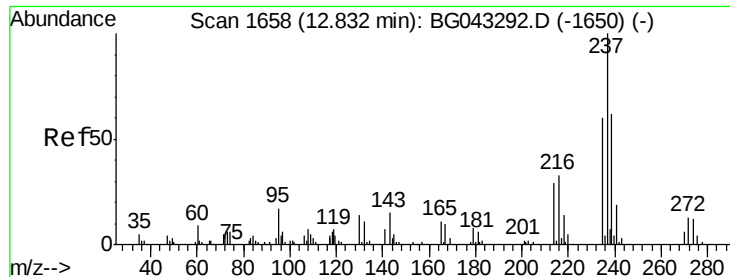
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.199 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.5	95.3
179	20.4	16.2	24.2
108	17.5	11.2	16.8#





#41

Hexachlorocyclopentadiene

Concen: 102.016 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

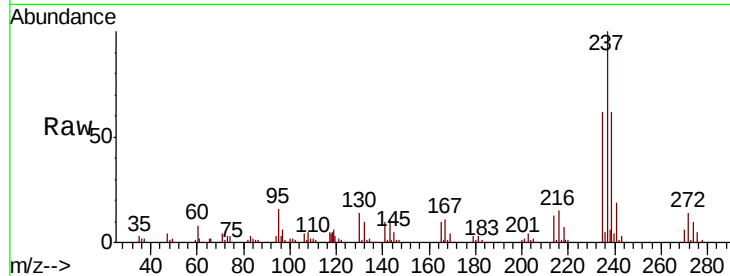
ClientSampleId :

PB123945BS

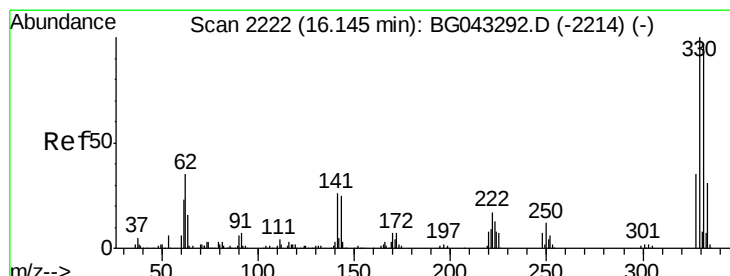
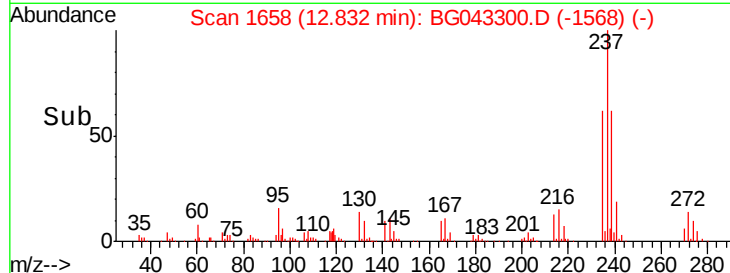
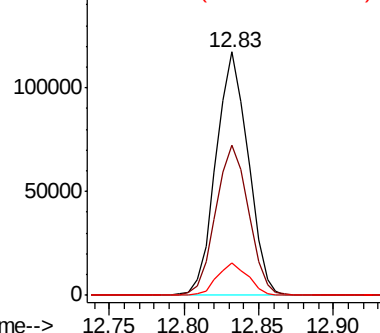
Tot Ion:	237	Resp:	174693
Ion Ratio		Lower	Upper
237	100		
235	61.7	40.3	80.3
272	13.6	0.0	32.9

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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: 113.435 ng

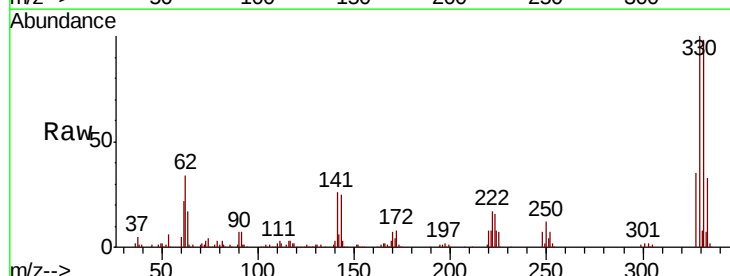
RT: 16.15 min Scan# 2222

Delta R.T. 0.00 min

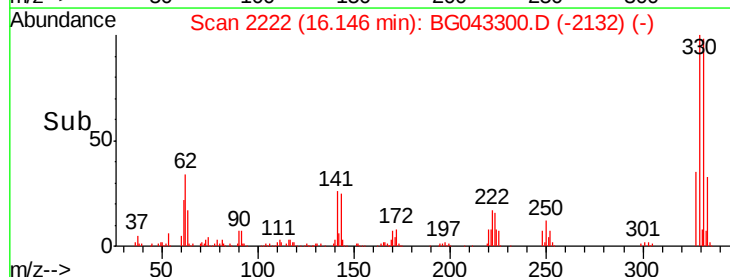
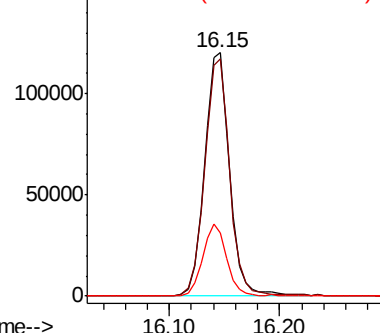
Lab File: BG043300.D

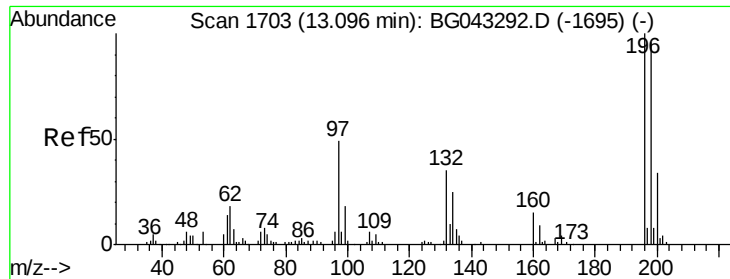
Acq: 22 Oct 2019 10:32

Tgt Ion:	330	Resp:	190142
Ion Ratio		Lower	Upper
330	100		
332	98.3	76.4	114.6
141	28.7	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





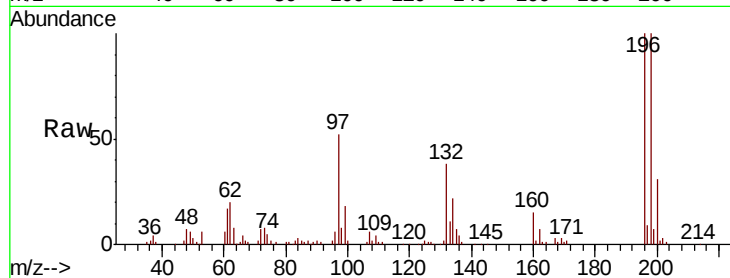
#43
2,4,6-Trichlorophenol
Concen: 43.492 ng
RT: 13.09 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	77.0	115.4
200	31.0	27.4	41.2

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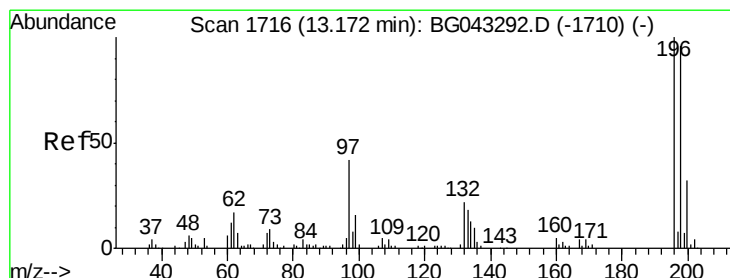
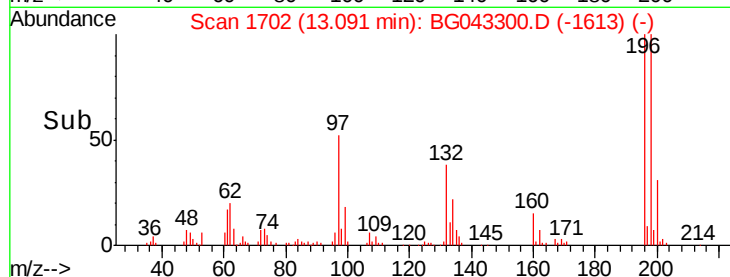
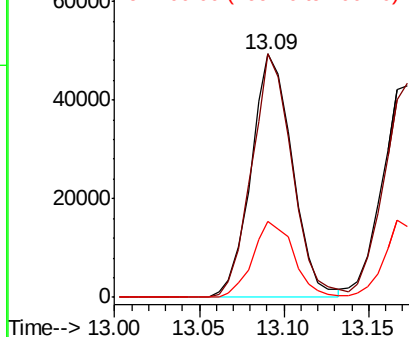


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 45.376 ng
RT: 13.17 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	76.6	114.8
97	40.9	34.1	51.1
132	24.1	18.2	27.4

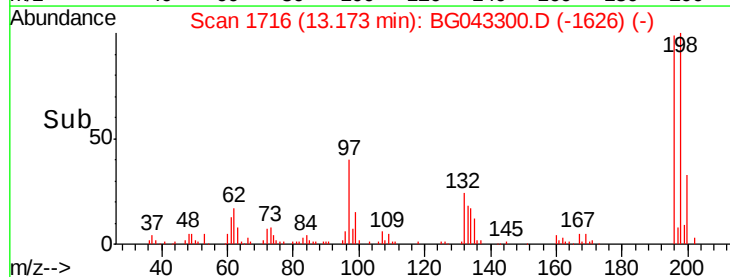
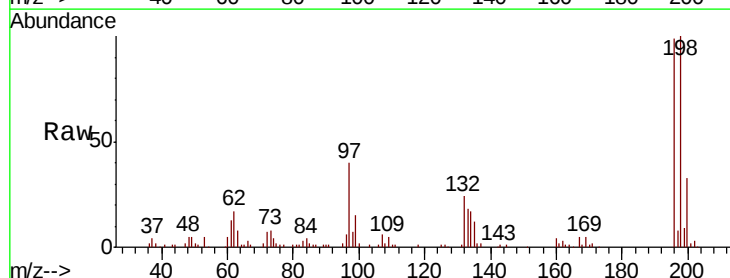
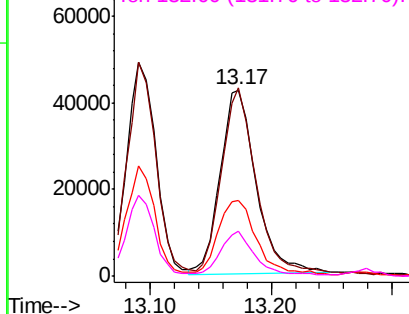
Abundance

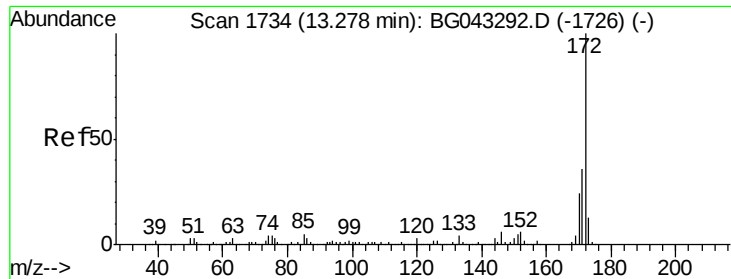
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





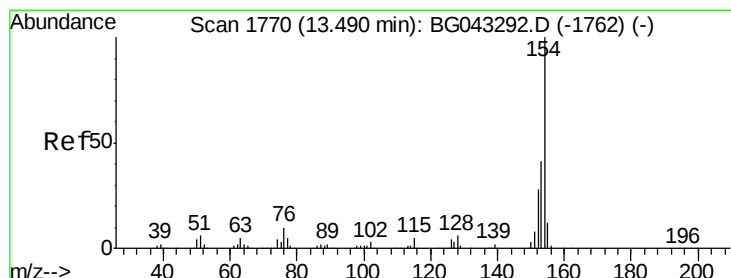
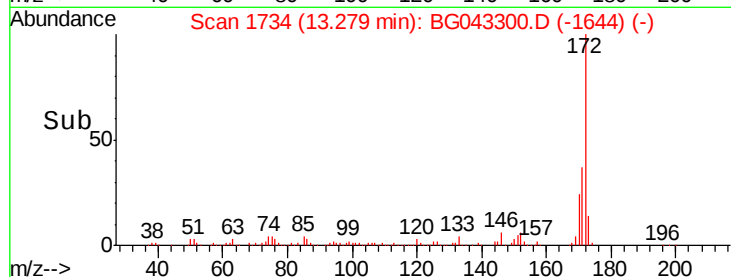
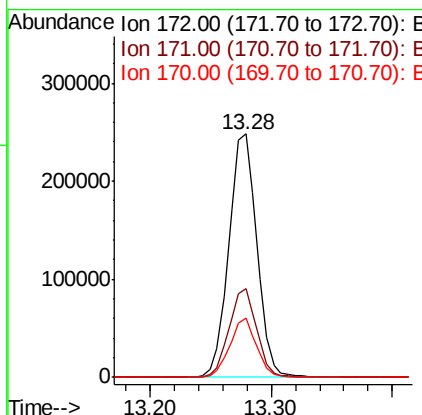
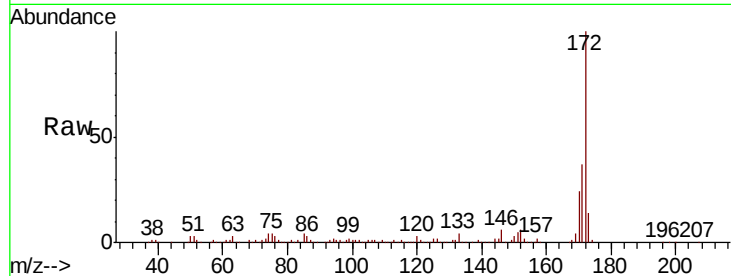
#45
2-Fluorobiphenyl
Concen: 63.102 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	402246		
171	36.6		28.5	42.7
170	24.4		18.8	28.2

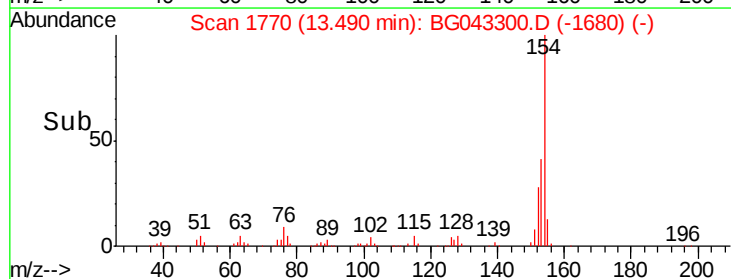
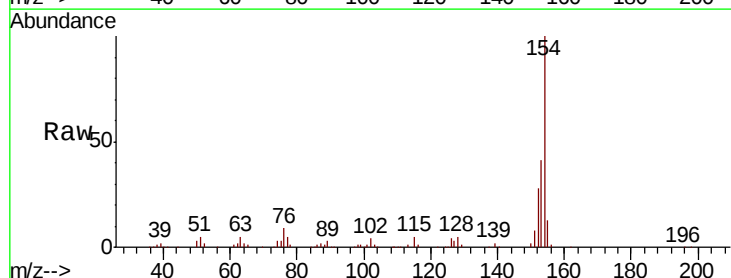
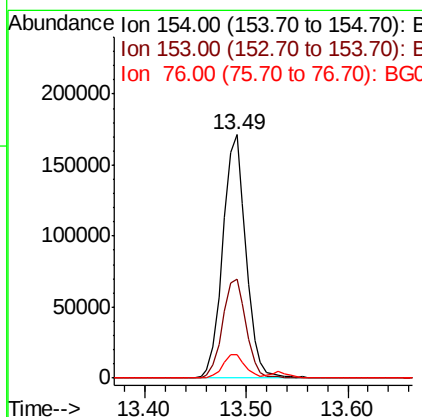
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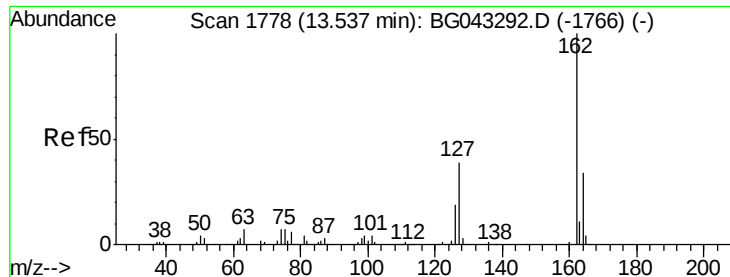
mohammad
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#46
1,1'-Biphenyl
Concen: 40.621 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	272195		
153	40.7		21.0	61.0
76	9.4		0.0	29.8





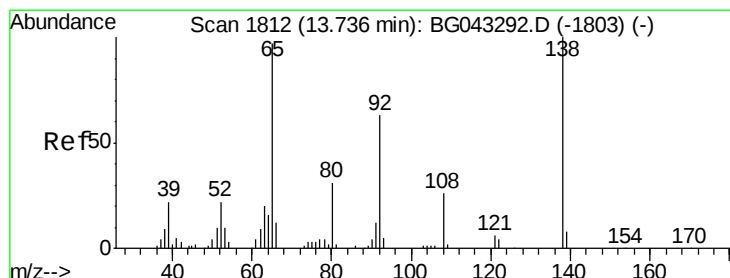
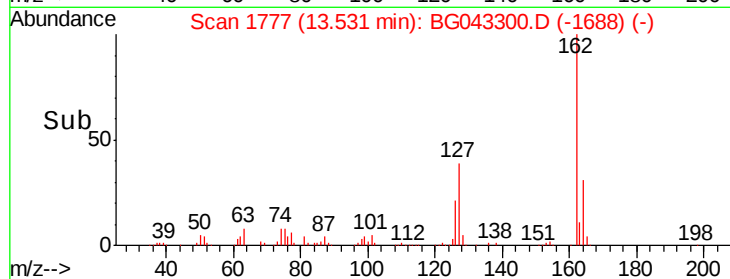
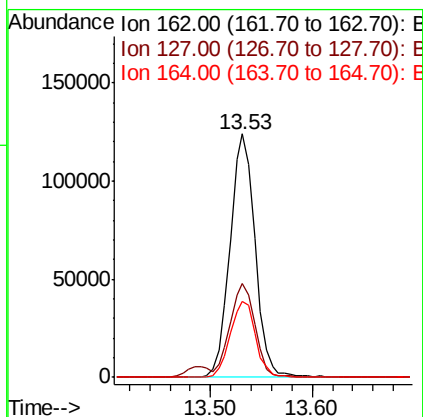
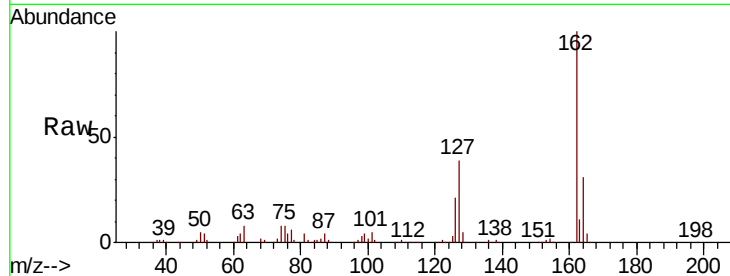
#47
2-Chloronaphthalene
Concen: 41.772 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.3	46.9
164	30.9	26.8	40.2

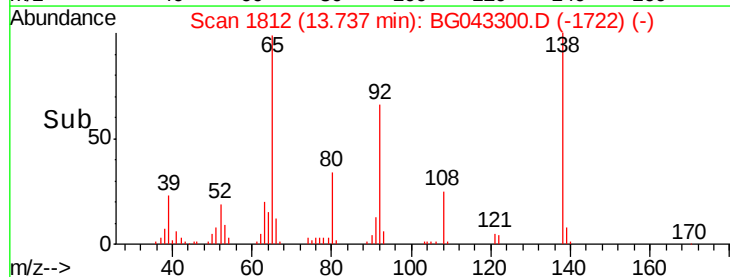
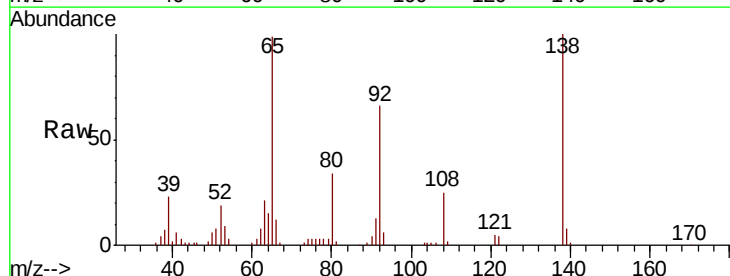
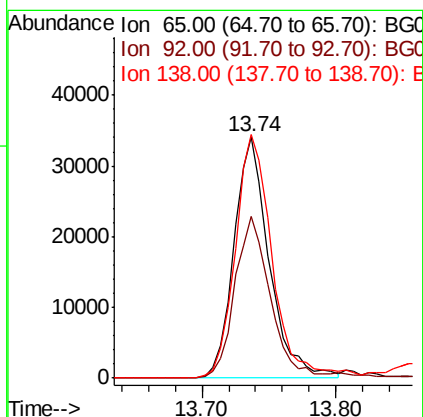
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#48
2-Nitroaniline
Concen: 40.842 ng
RT: 13.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.6	79.0
138	101.0	82.9	124.3





#49

Acenaphthylene

Concen: 43.932 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

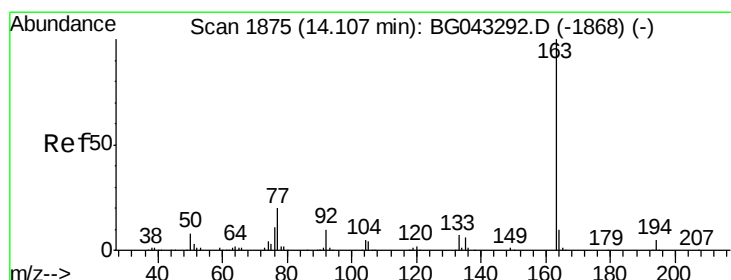
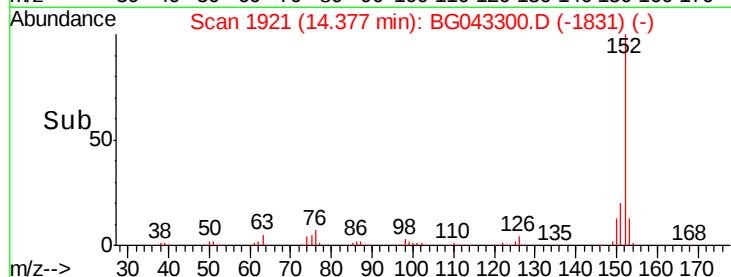
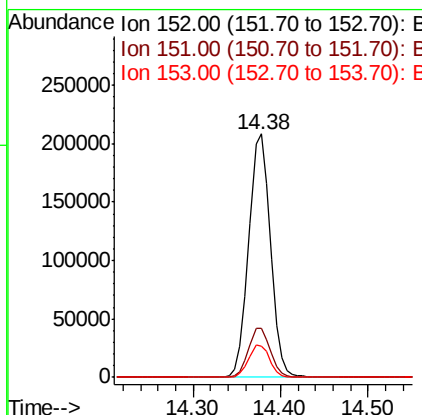
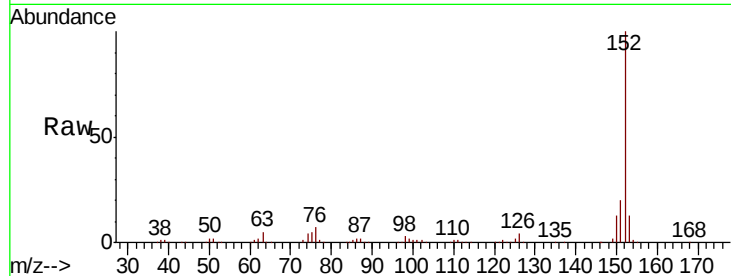
ClientSampleId :

PB123945BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		348606		
151	20.2	17.2	25.8		
153	12.9	11.0	16.6		

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#50

Dimethylphthalate

Concen: 42.164 ng

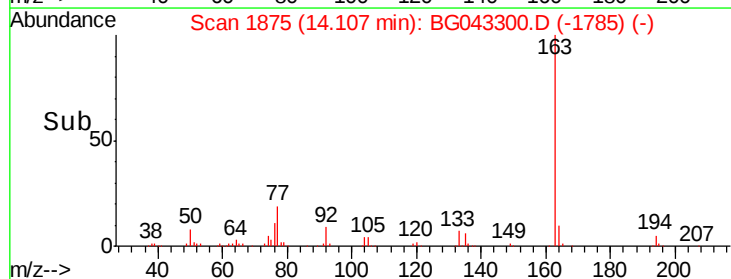
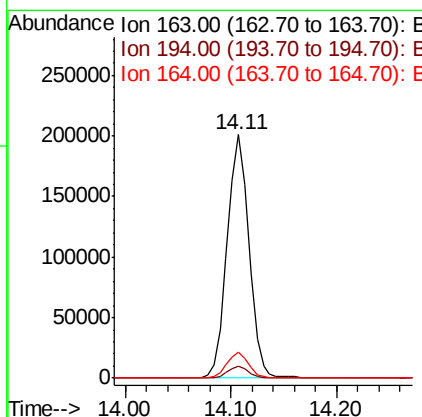
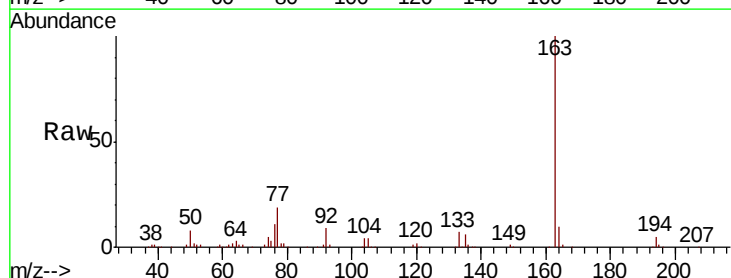
RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		287667		
194	4.7	3.7	5.5		
164	10.4	8.1	12.1		





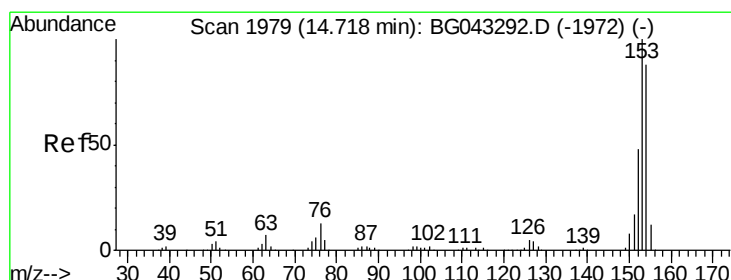
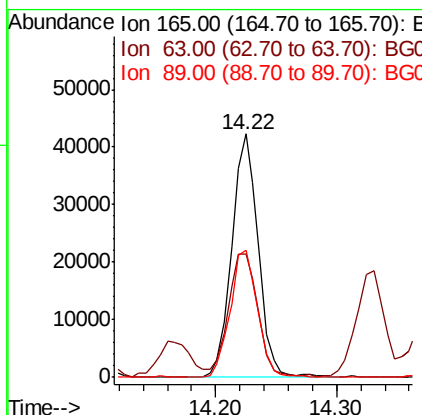
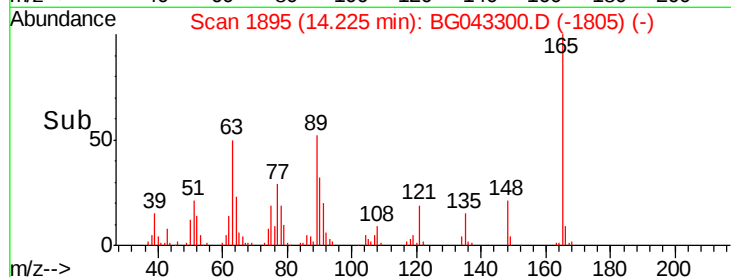
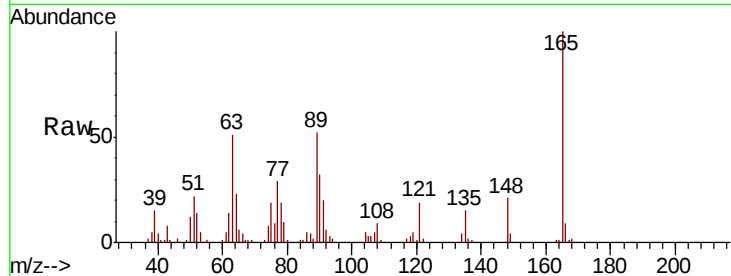
#51
 2,6-Dinitrotoluene
 Concen: 43.369 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	47.1	70.7
89	52.2	43.7	65.5

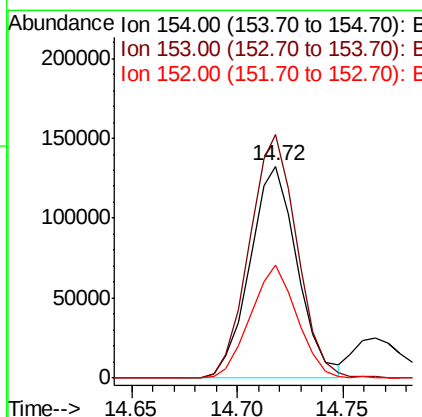
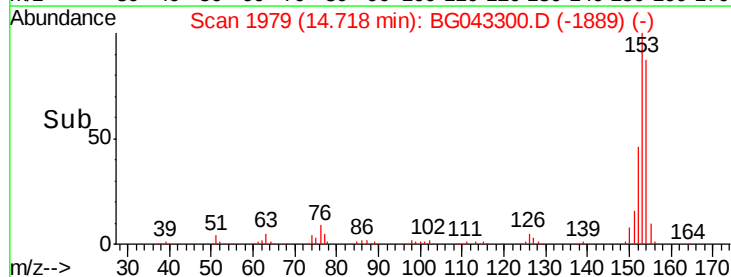
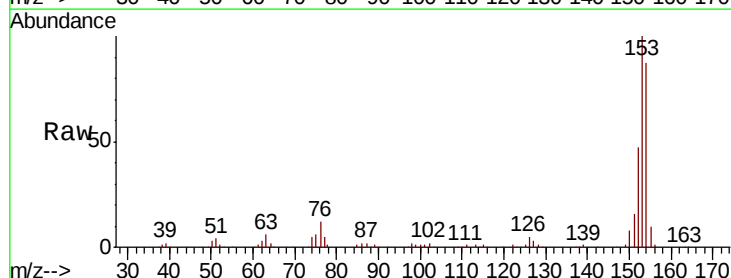
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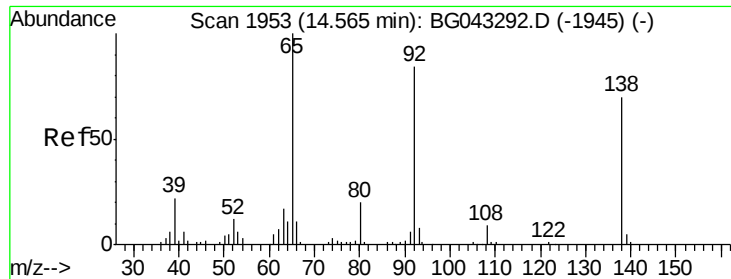
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#52
 Acenaphthene
 Concen: 42.771 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.9	136.3
152	53.5	43.9	65.9





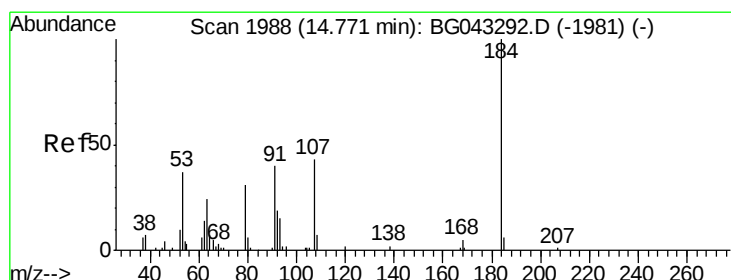
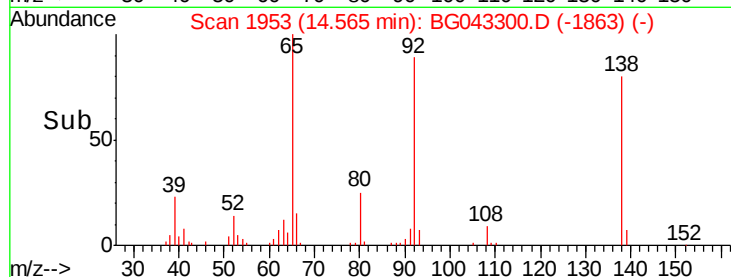
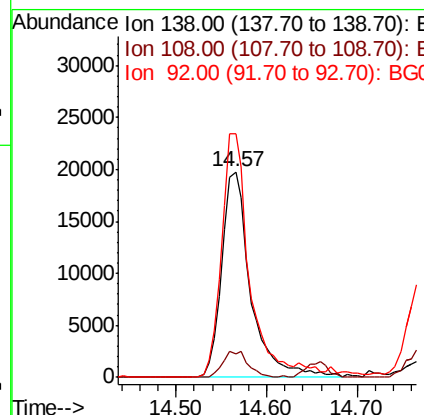
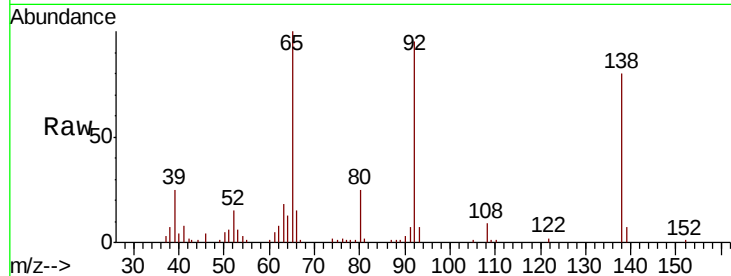
#53
3-Nitroaniline
Concen: 30.571 ng
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.8	14.6
92	118.1	95.8	143.6

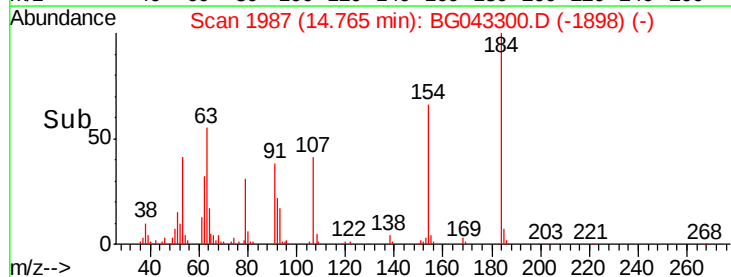
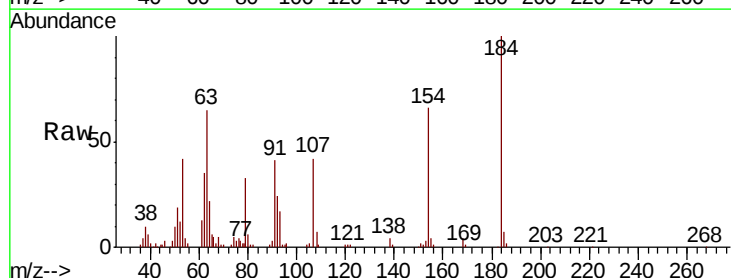
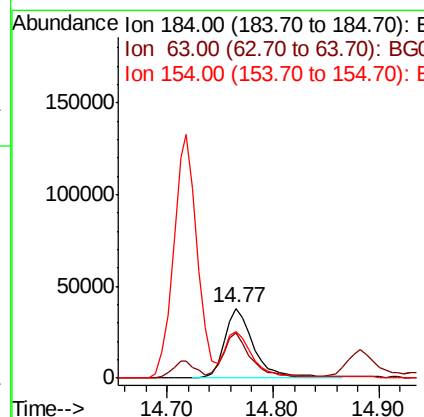
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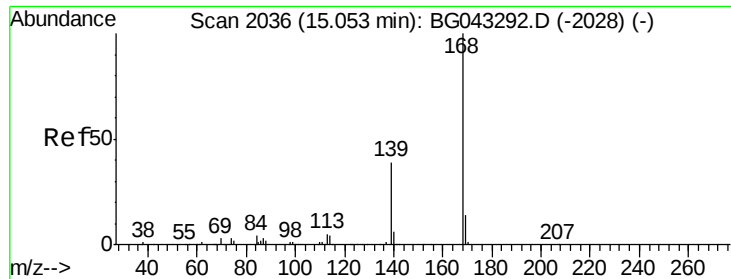
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#54
2,4-Dinitrophenol
Concen: 79.452 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.2	48.8	73.2
154	66.3	49.4	74.0





#55

Dibenzenofuran

Concen: 43.004 ng

RT: 15.05 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

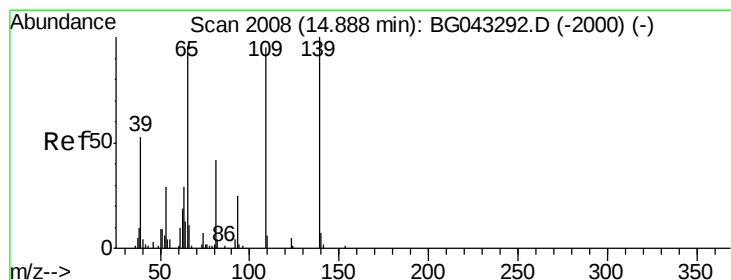
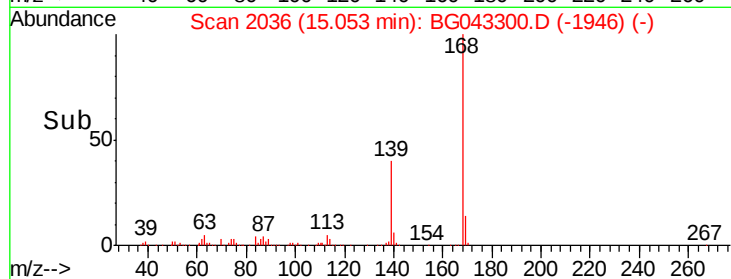
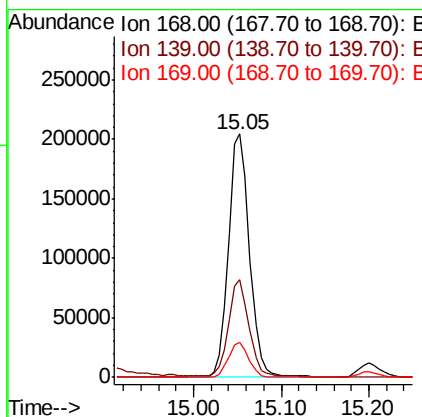
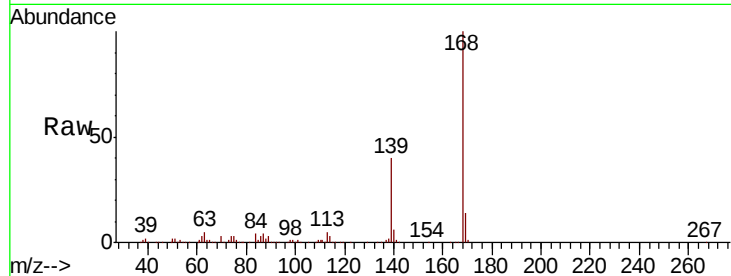
ClientSampleId :

PB123945BS

Tot Ion:	168	Resp:	337471
Ion Ratio	Lower	Upper	
168	100		
139	40.2	31.7	47.5
169	14.2	11.0	16.4

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#56

4-Nitrophenol

Concen: 96.283 ng

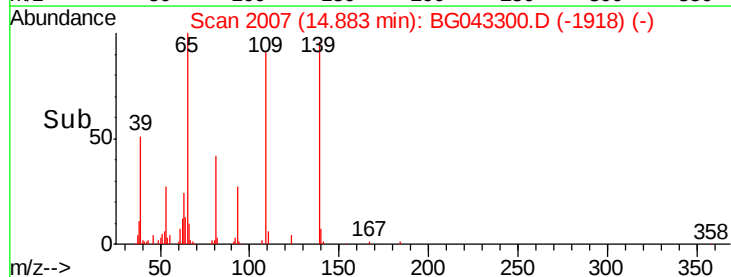
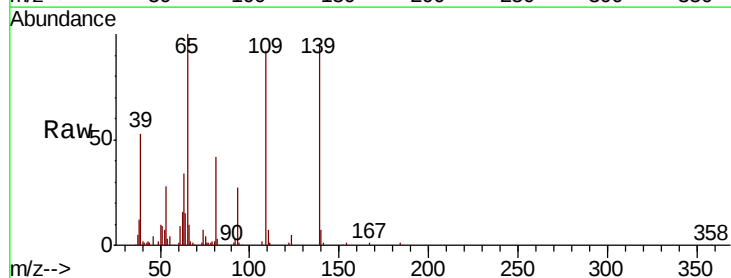
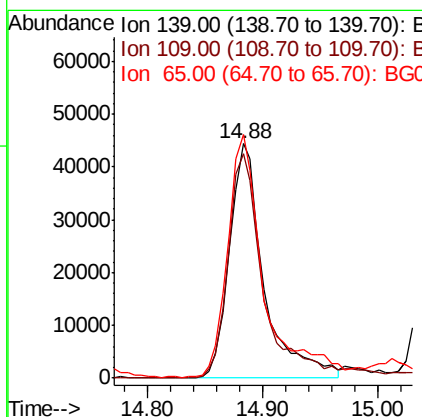
RT: 14.88 min Scan# 2007

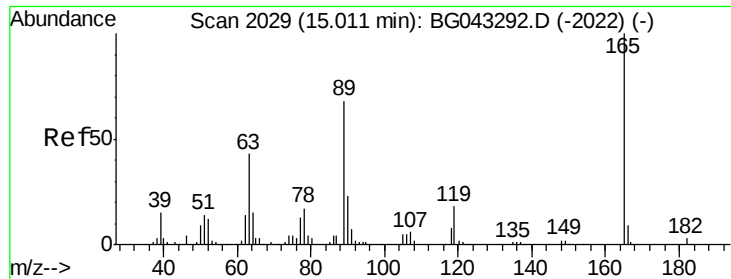
Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	139	Resp:	92334
Ion Ratio	Lower	Upper	
139	100		
109	95.7	75.4	115.4
65	103.9	76.6	116.6





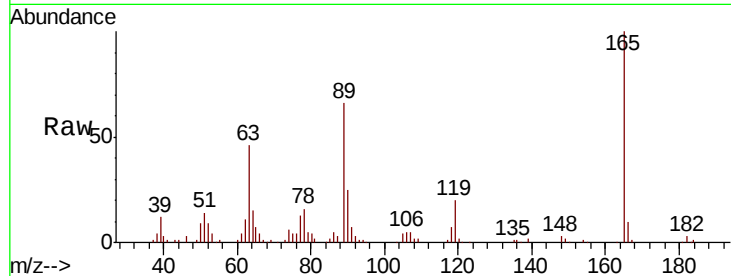
#57
2,4-Dinitrotoluene
Concen: 42.230 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	35.0	52.6
89	65.9	54.1	81.1
182	2.8	2.2	3.2

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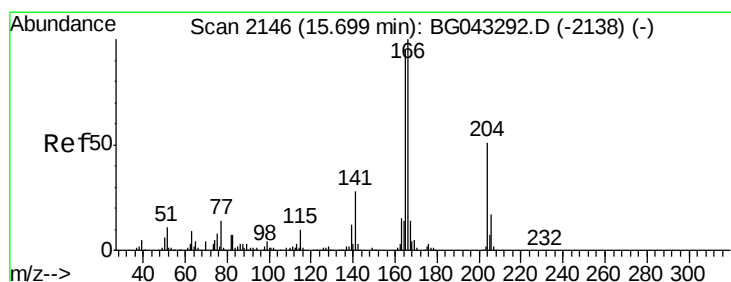
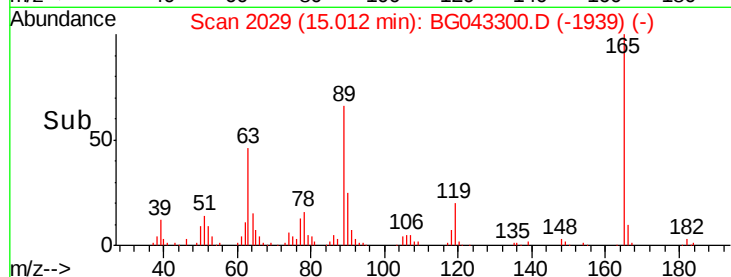
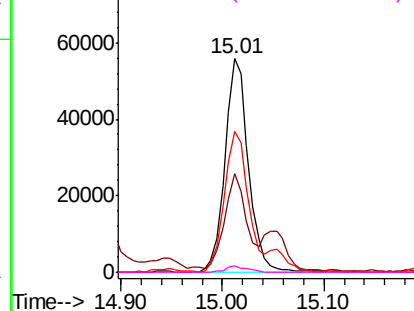
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

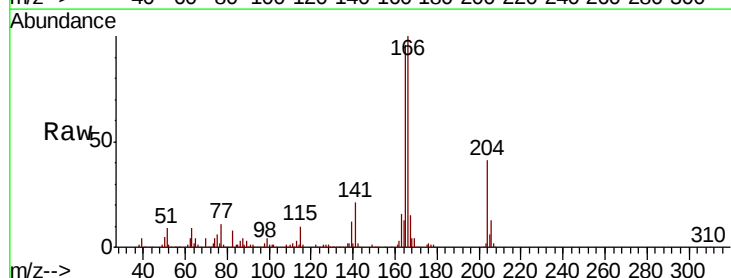
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.777 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.4	114.6
167	14.5	11.1	16.7

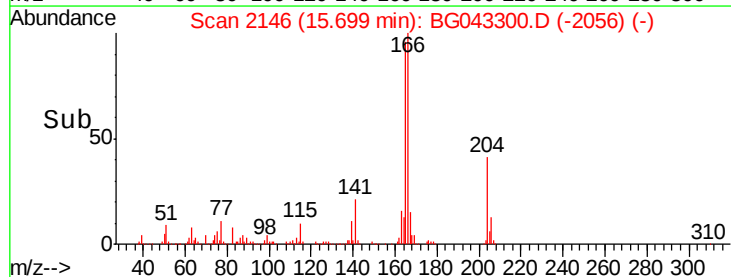
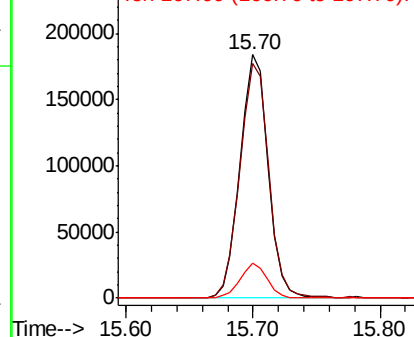


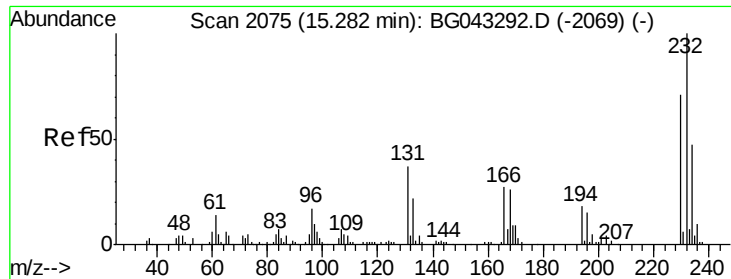
Abundance

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





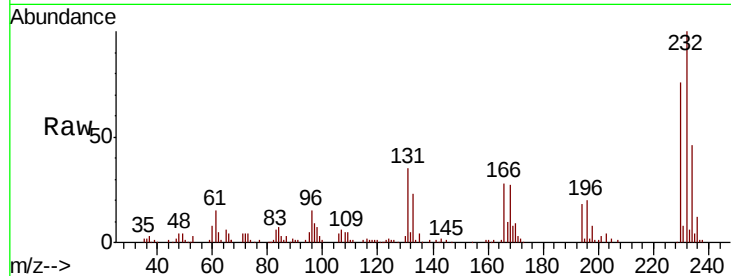
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.826 ng
RT: 15.28 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.2	28.7	43.1
130	2.7	0.6	0.8
166	25.6	21.1	31.7

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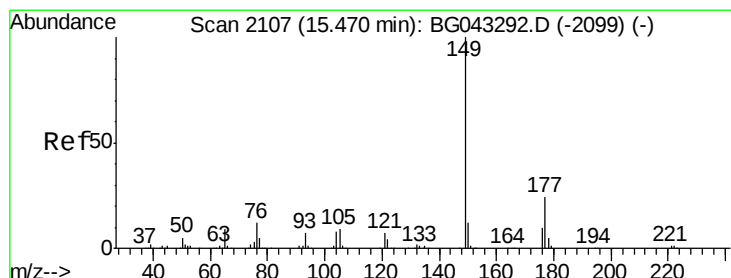
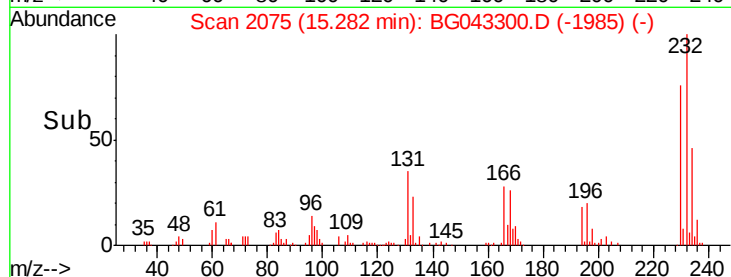
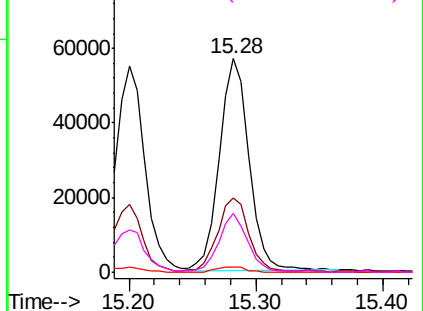
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

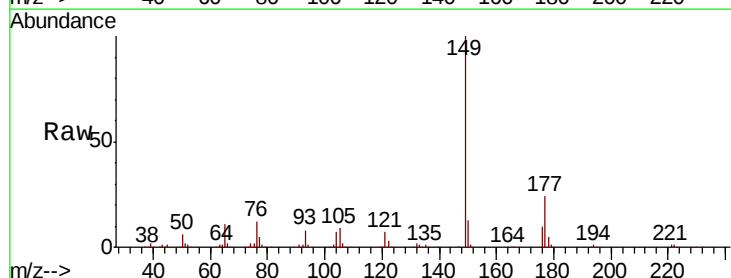
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.775 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.0	28.4
150	13.3	9.4	14.0

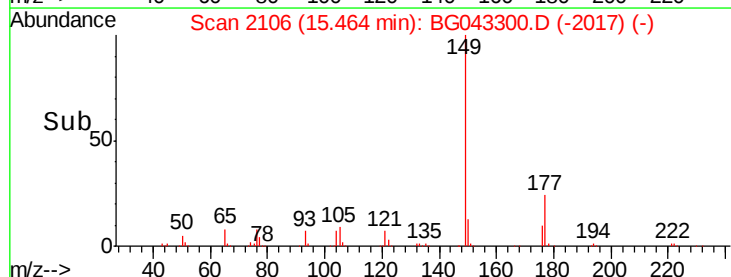
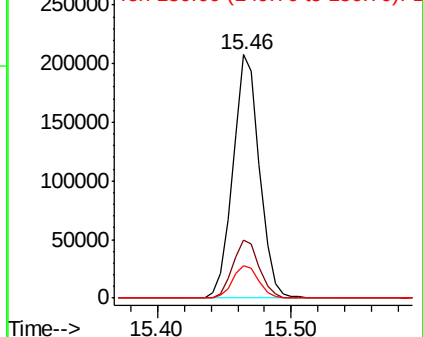


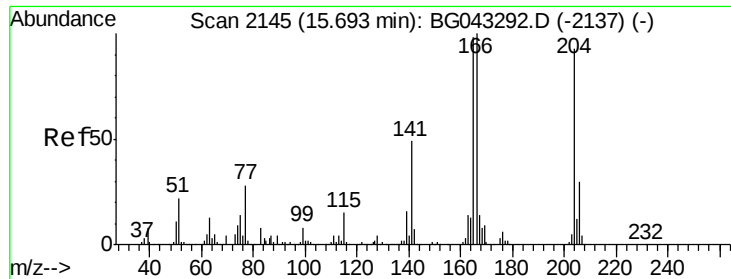
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





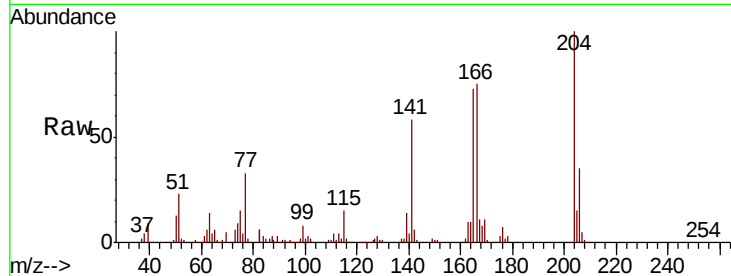
#61
4-Chlorophenyl-phenylether
Concen: 41.606 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	25.7	38.5
141	58.0	42.3	63.5

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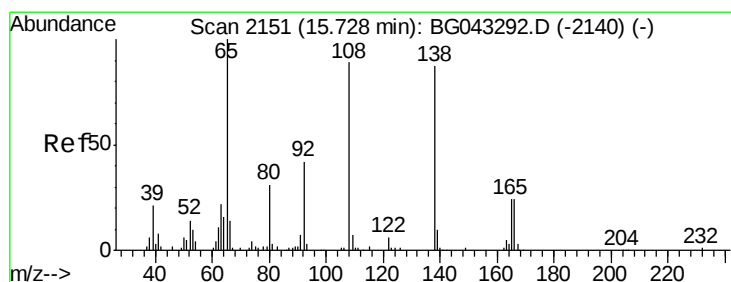
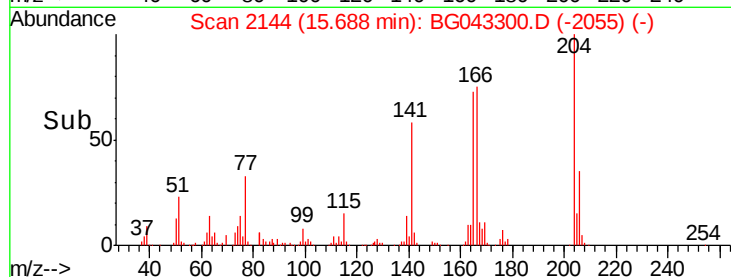
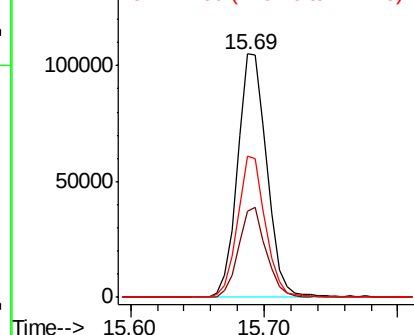


Abundance

Ion 204.00 (203.70 to 204.70): E

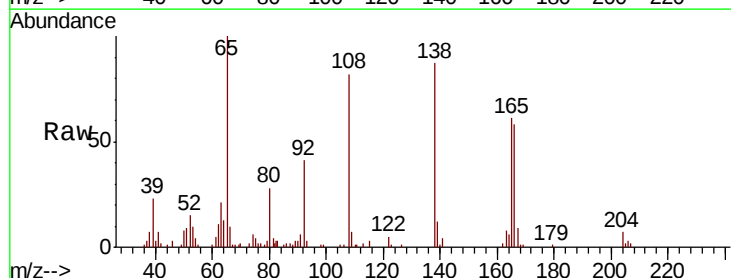
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.518 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	28.8	68.8
108	94.4	82.7	122.7

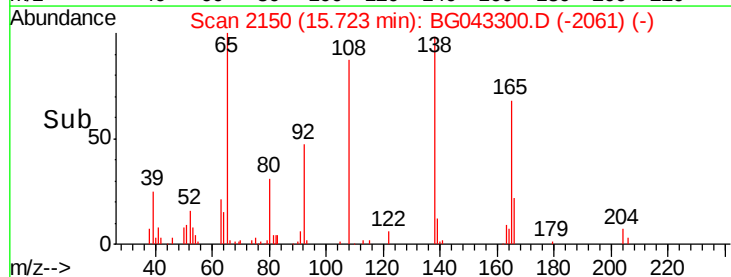
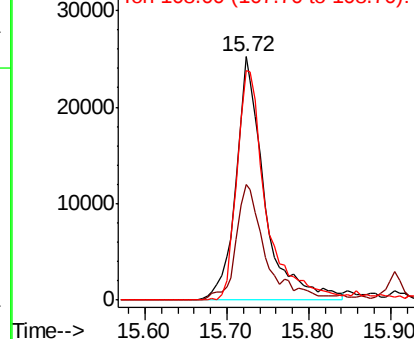


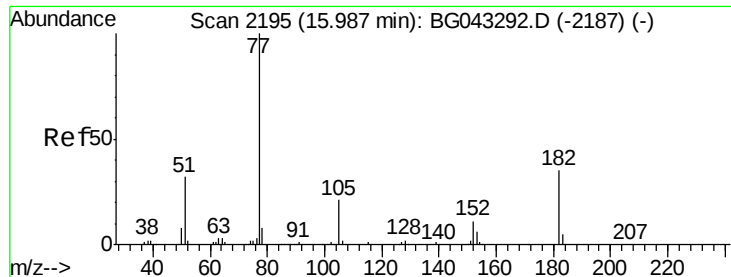
Abundance

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





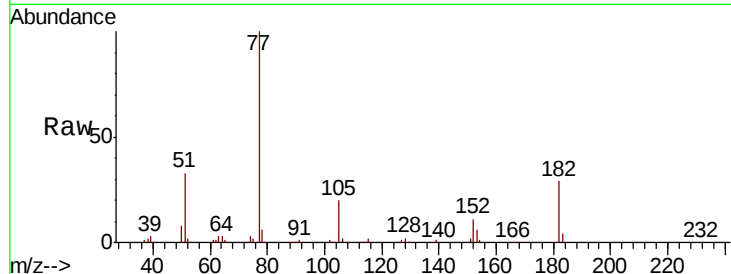
#63
Azobenzene
Concen: 43.358 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		240553		
182	28.9	14.9	54.9		
105	19.6	0.6	40.6		
51	32.8	12.5	52.5		

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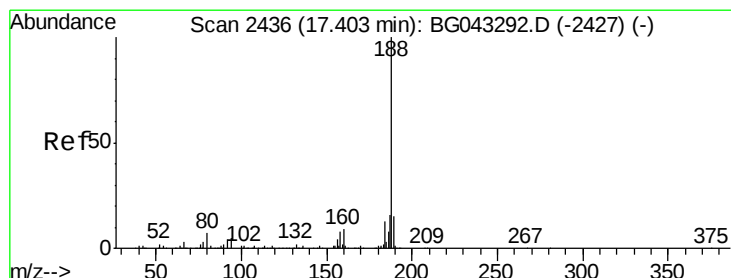
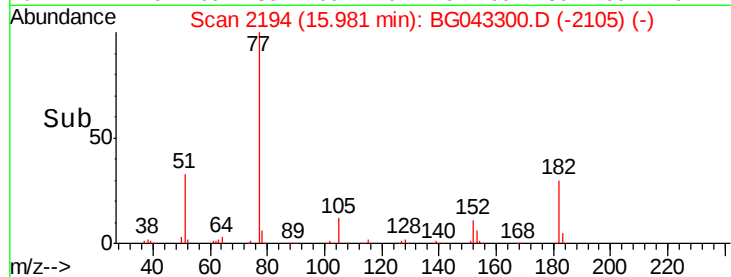
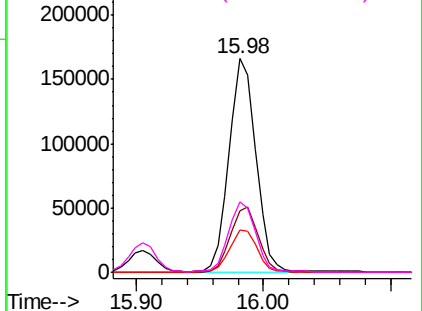
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

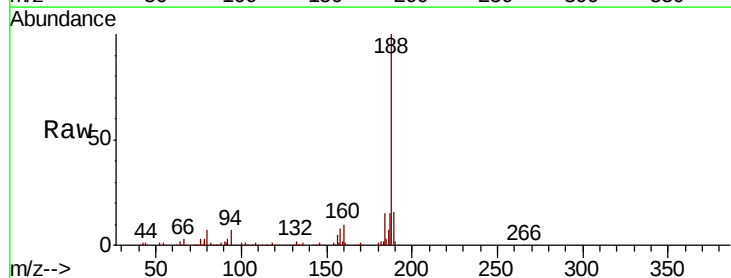
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		210526		
94	6.7	4.2	6.2#		
80	7.5	5.2	7.8		

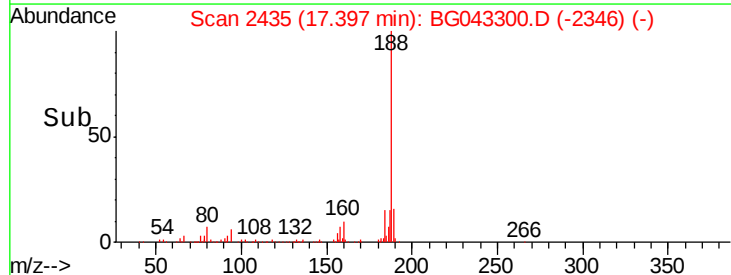
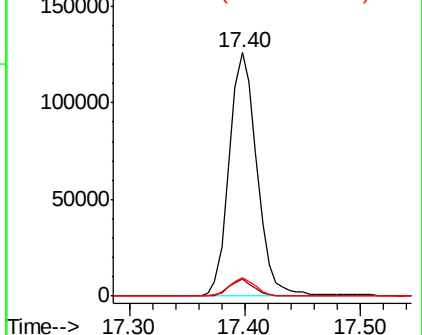


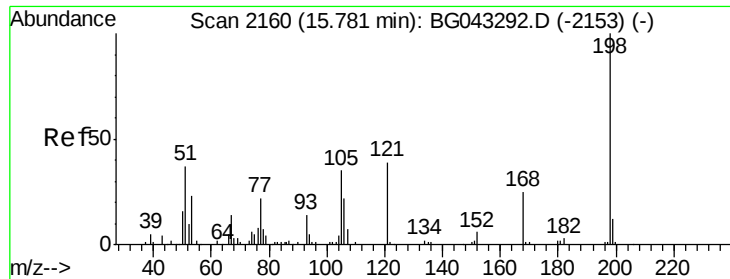
Abundance

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: 45.637 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

Tot Ion:198 Resp: 56542

Ion Ratio Lower Upper

198 100

51 34.9 21.4 61.4

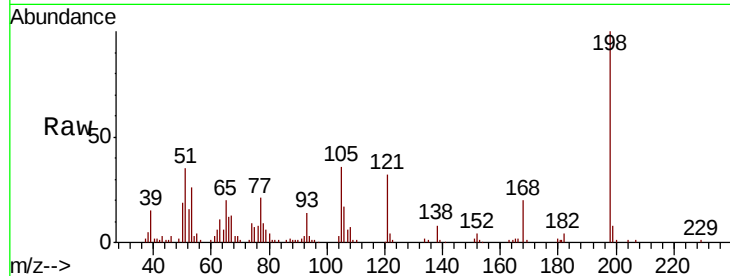
105 35.8 16.5 56.5

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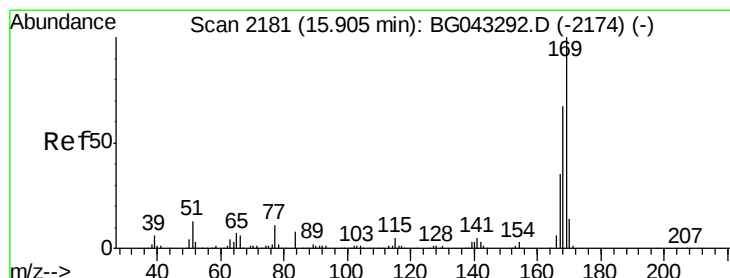
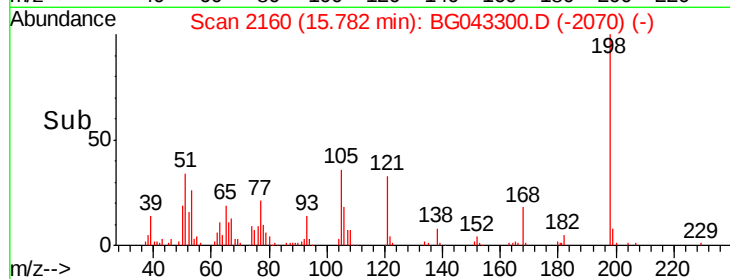
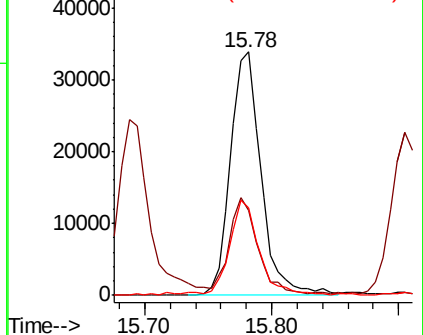
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.306 ng

RT: 15.91 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

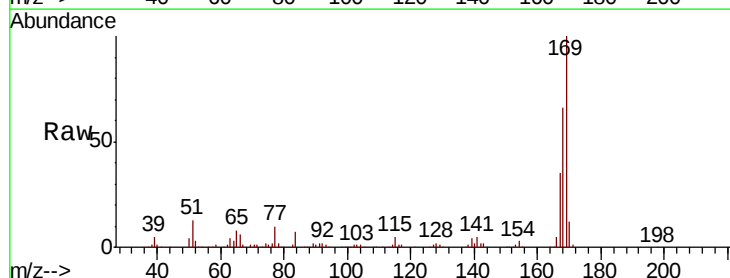
Tgt Ion:169 Resp: 251453

Ion Ratio Lower Upper

169 100

168 66.5 53.9 80.9

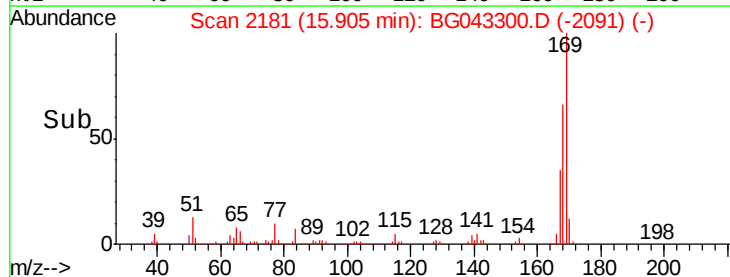
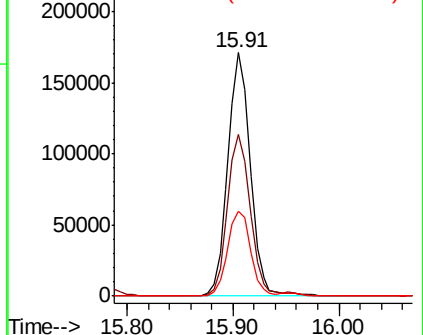
167 35.0 28.3 42.5



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





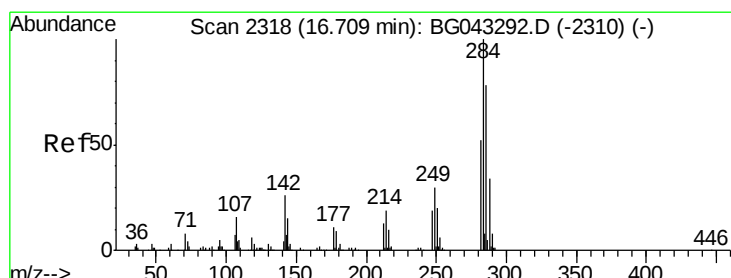
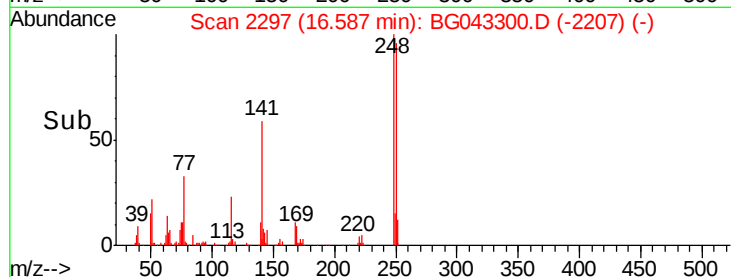
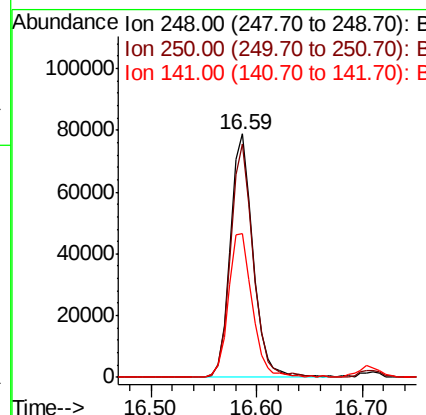
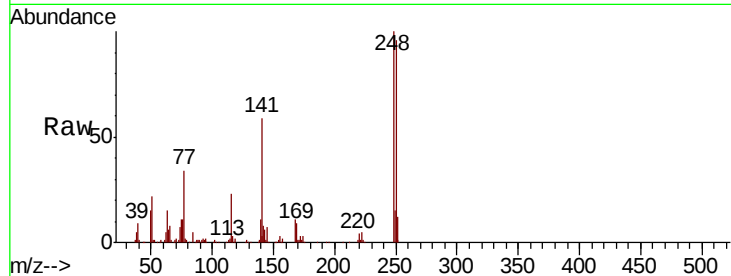
#67
4-Bromophenyl-phenylether
Concen: 41.354 ng
RT: 16.59 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion:	248	Resp:	117165
Ion Ratio	Lower	Upper	
248	100		
250	95.8	79.3	118.9
141	58.9	47.9	71.9

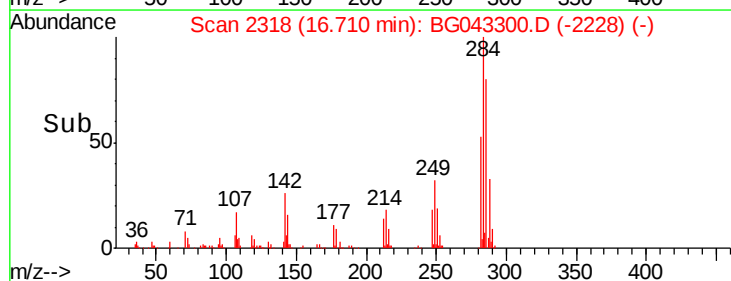
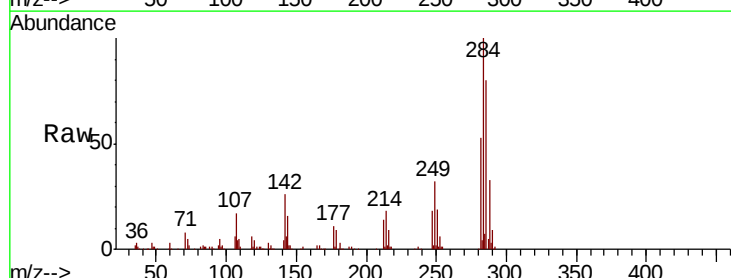
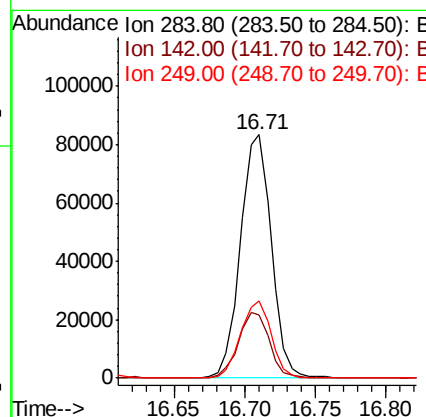
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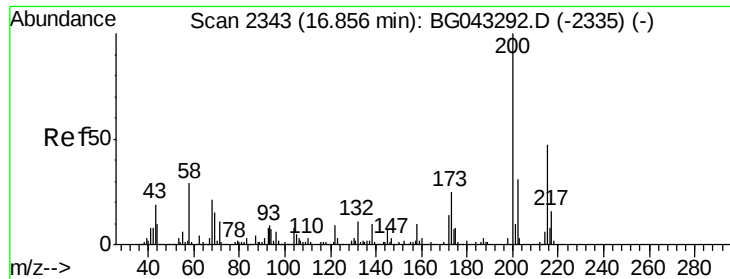
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#68
Hexachlorobenzene
Concen: 39.246 ng
RT: 16.71 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion:	284	Resp:	127635
Ion Ratio	Lower	Upper	
284	100		
142	26.0	21.1	31.7
249	31.6	24.4	36.6





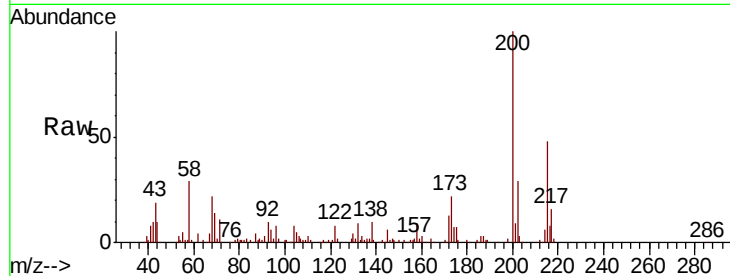
#69
 Atrazine
 Concen: 55.114 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.9	5.1	45.1
215	48.1	26.6	66.6

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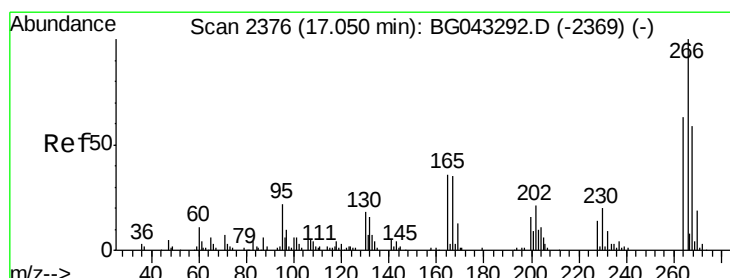
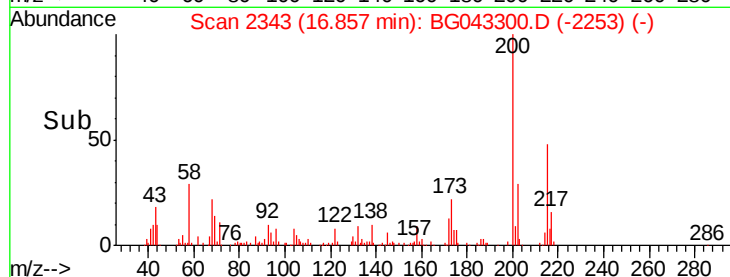
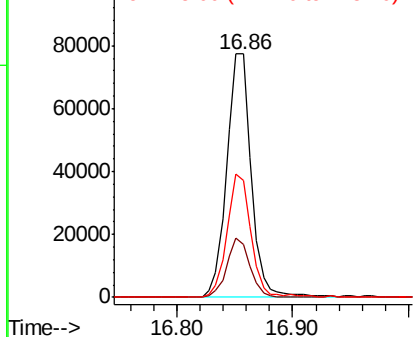


Abundance

Ion 200.00 (199.70 to 200.70): E

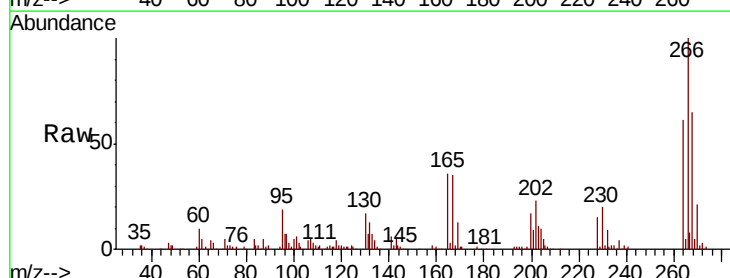
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 93.875 ng
 RT: 17.06 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	47.1	70.7
264	61.5	50.4	75.6

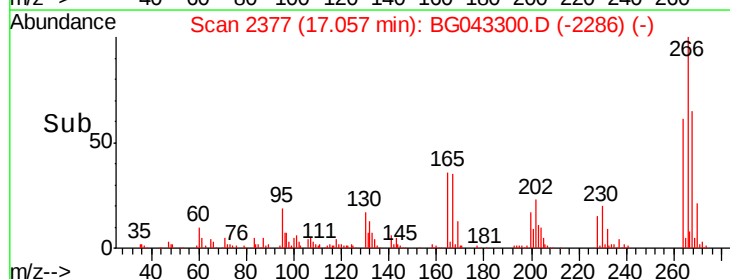
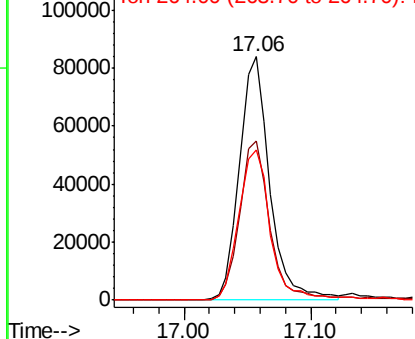


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





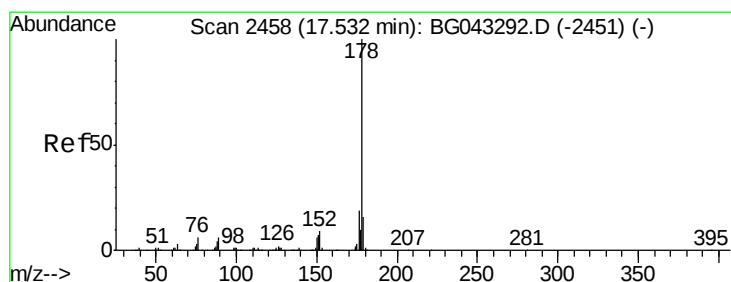
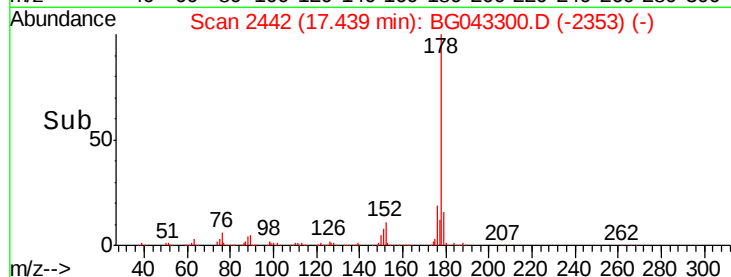
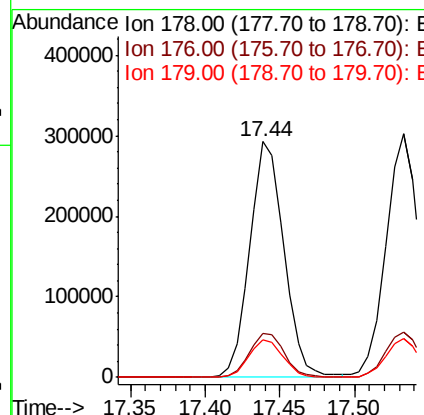
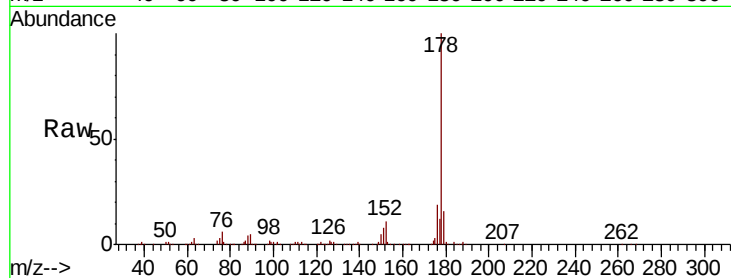
#71
Phenanthrene
Concen: 43.001 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.8	13.1	19.7

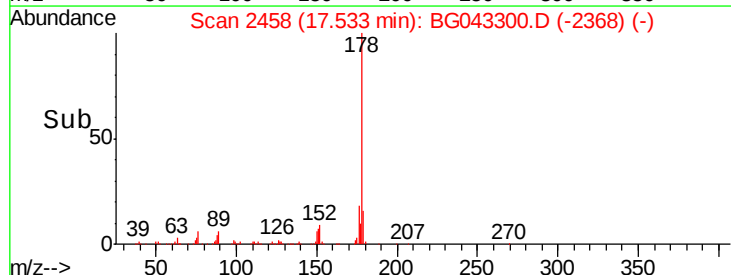
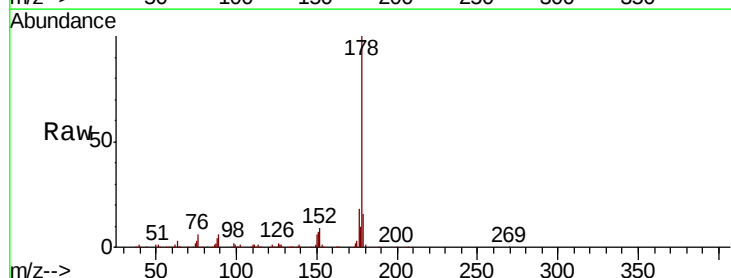
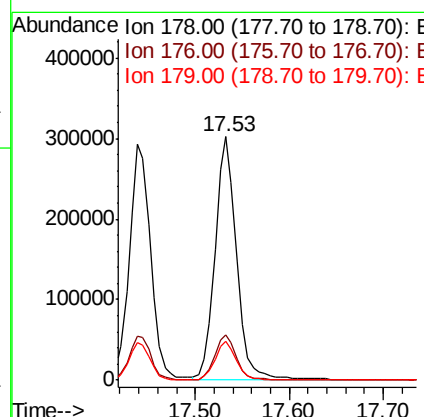
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#72
Anthracene
Concen: 44.605 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.9	13.0	19.6





#73

Carbazole

Concen: 44.469 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

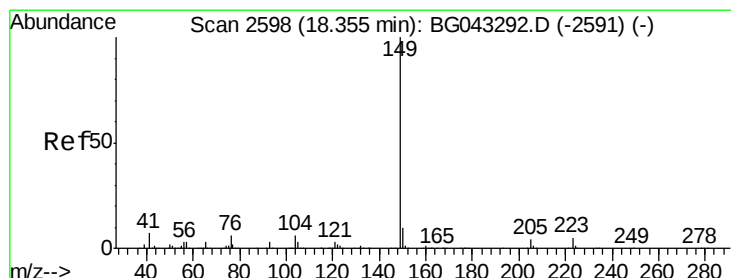
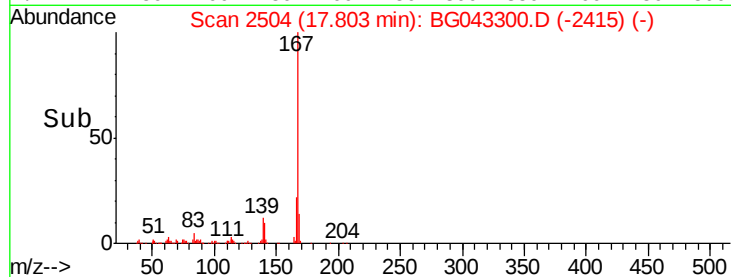
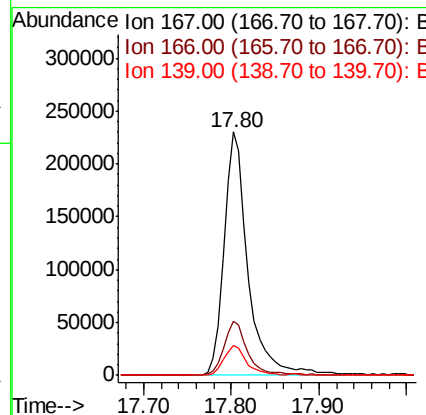
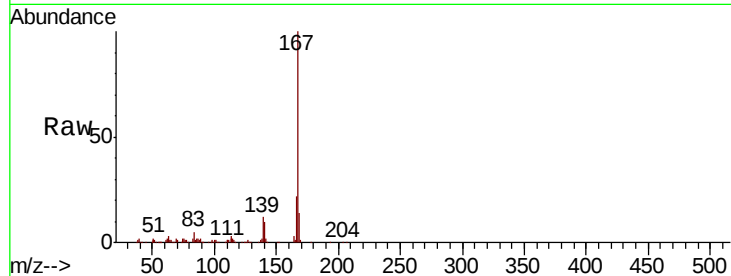
ClientSampleId :

PB123945BS

Tot Ion:	167	Resp:	434358
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.4	27.6
139	12.2	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 44.632 ng

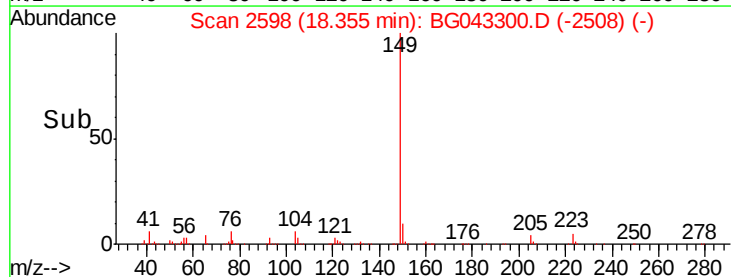
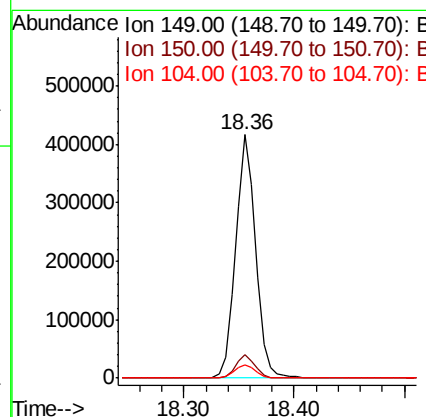
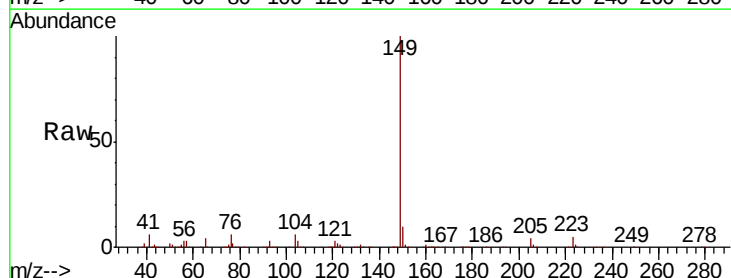
RT: 18.36 min Scan# 2598

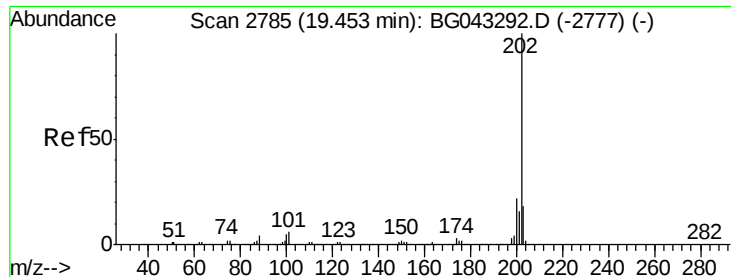
Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	149	Resp:	528957
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.0	12.0
104	5.6	4.7	7.1





#75

Fluoranthene

Concen: 46.107 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

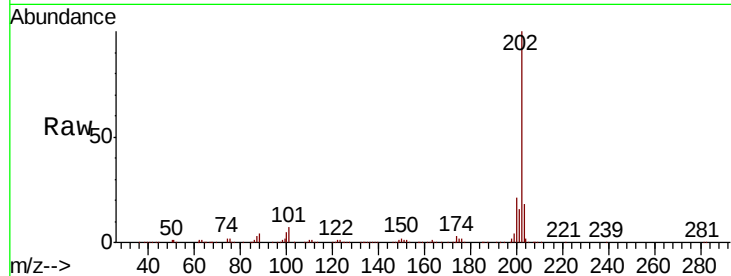
ClientSampleId :

PB123945BS

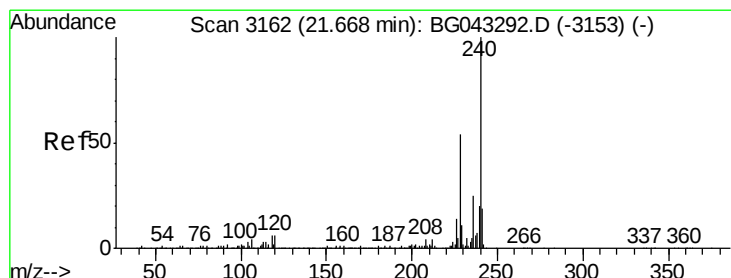
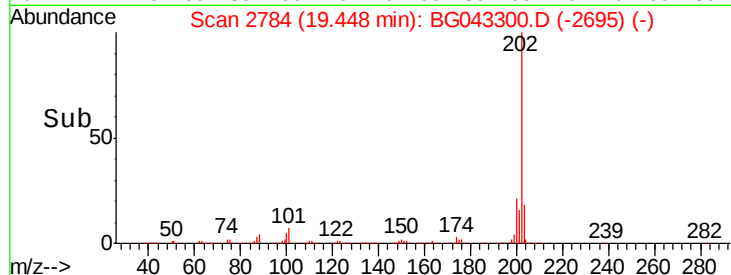
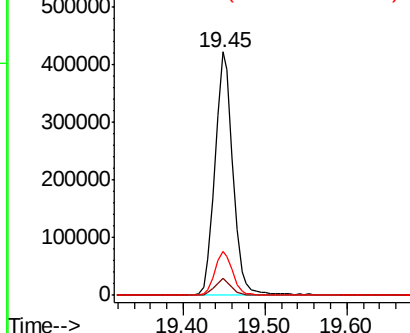
Tot Ion:	202	Resp:	648012
Ion Ratio		Lower	Upper
202	100		
101	6.8	0.0	26.0
203	18.0	0.0	38.2

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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

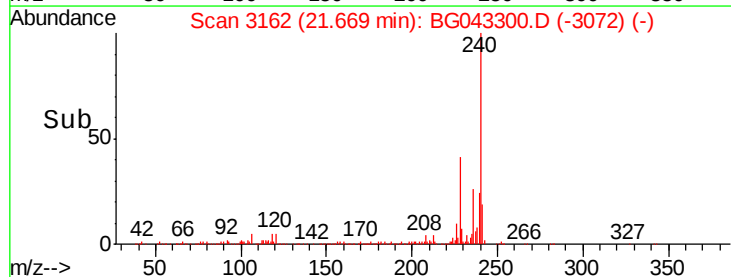
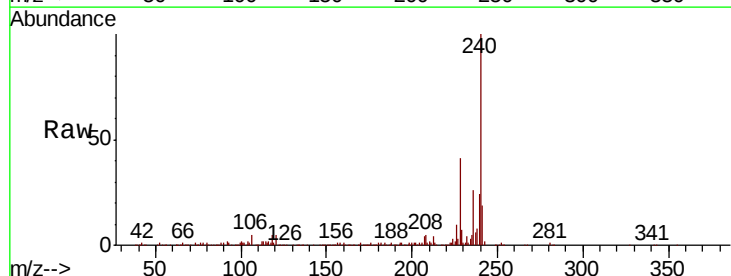
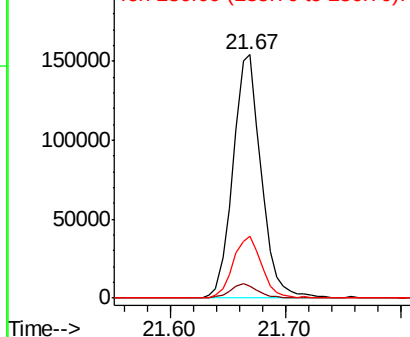
Delta R.T. 0.00 min

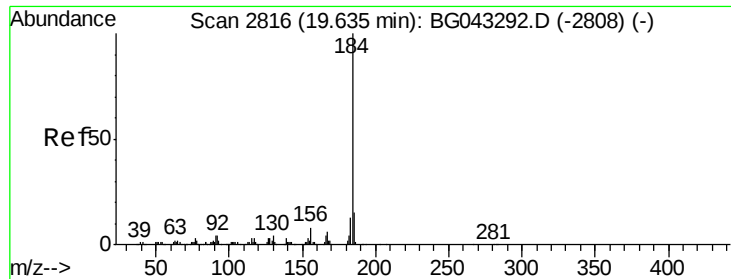
Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	240	Resp:	261143
Ion Ratio		Lower	Upper
240	100		
120	5.0	4.6	7.0
236	25.6	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: 59.800 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

ClientSampleId :

PB123945BS

Tot Ion:184 Resp: 314283

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

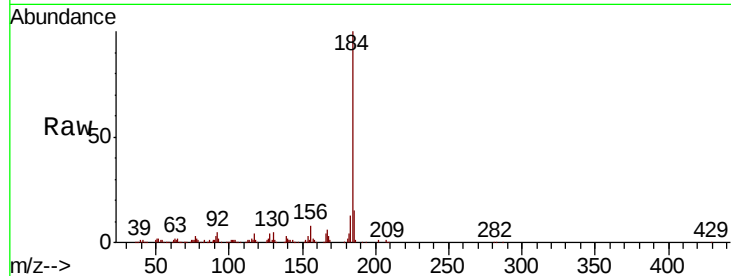
183 13.2 10.6 16.0

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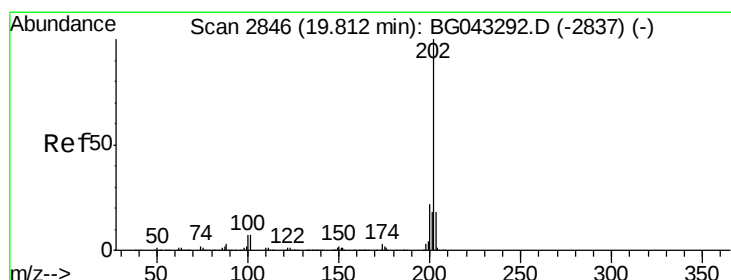
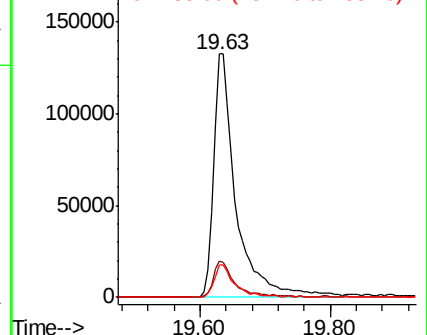
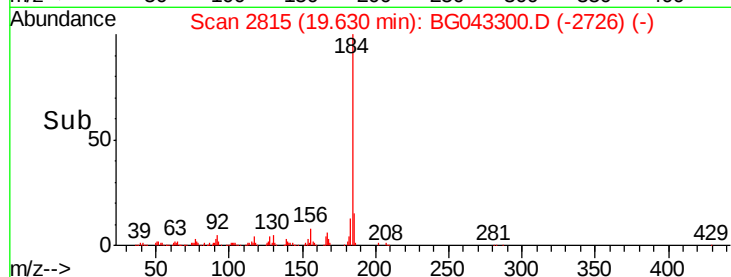
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.870 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

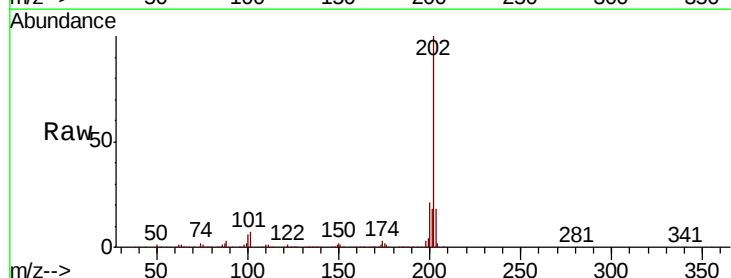
Tgt Ion:202 Resp: 660645

Ion Ratio Lower Upper

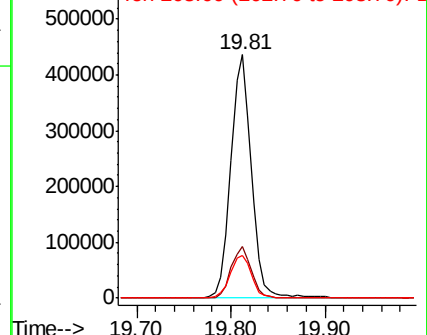
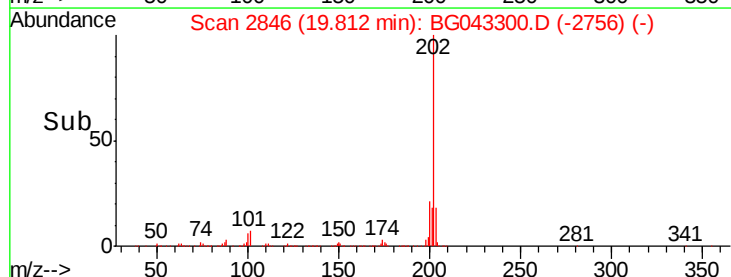
202 100

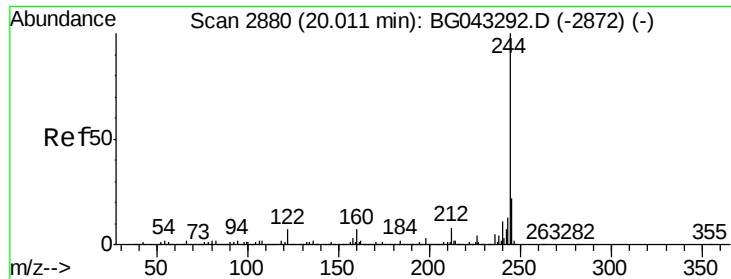
200 21.3 17.3 25.9

203 17.8 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





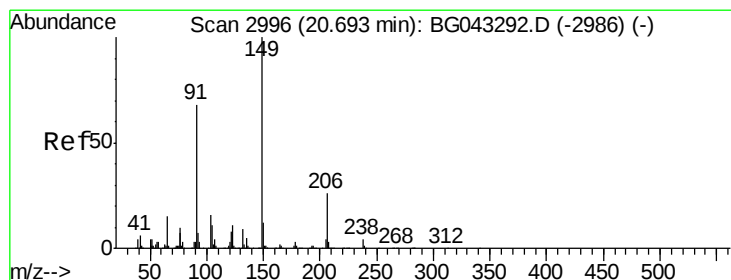
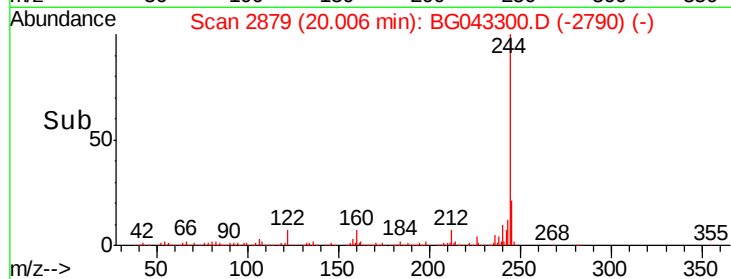
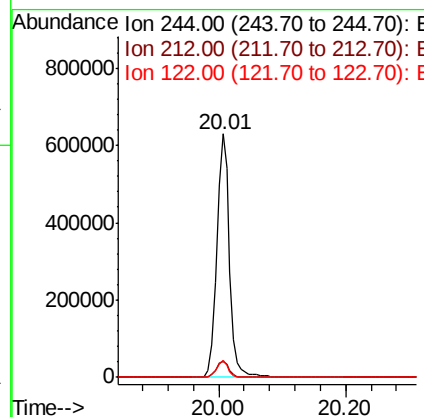
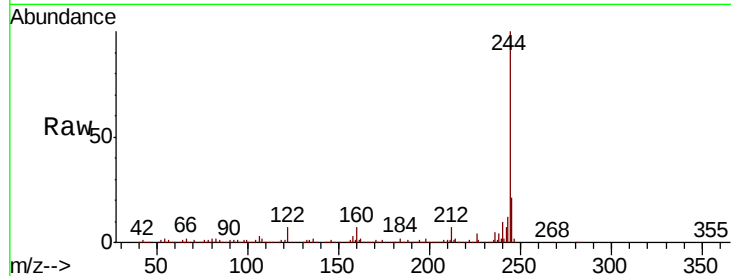
#79
 Terphenyl-d14
 Concen: 63.545 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	7.1	5.3	7.9

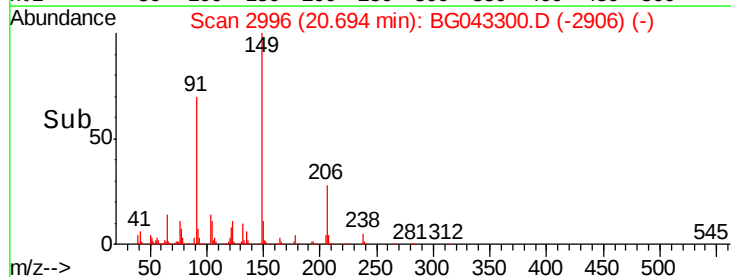
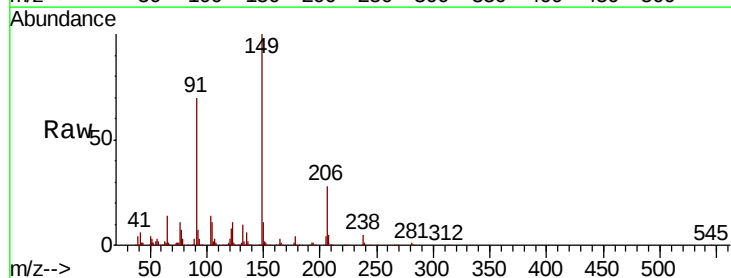
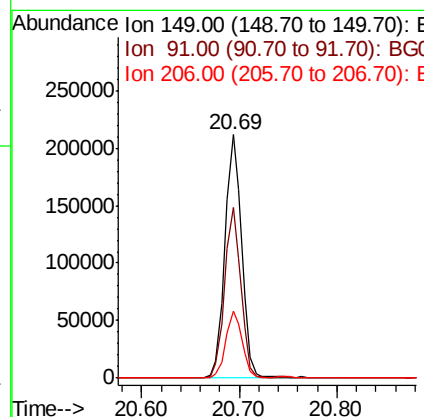
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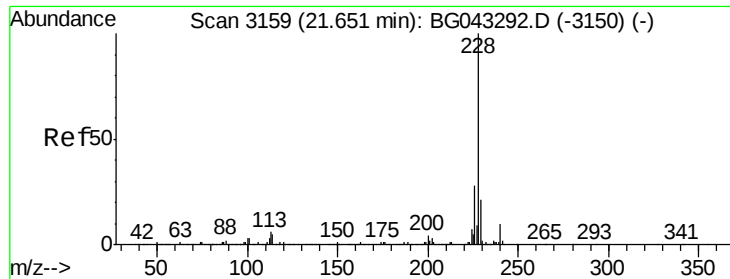
mohammad
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#80
 Butylbenzylphthalate
 Concen: 41.319 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	54.6	82.0
206	27.7	20.5	30.7





#81

Benzo(a)anthracene

Concen: 42.782 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

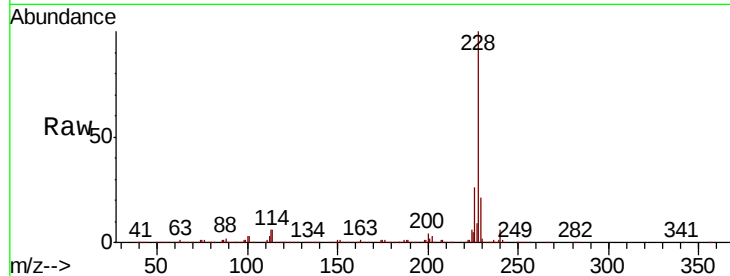
ClientSampleId :

PB123945BS

Tot Ion:	228	Resp:	699820
Ion Ratio	Lower	Upper	
228	100		
226	26.4	22.2	33.4
229	20.5	16.9	25.3

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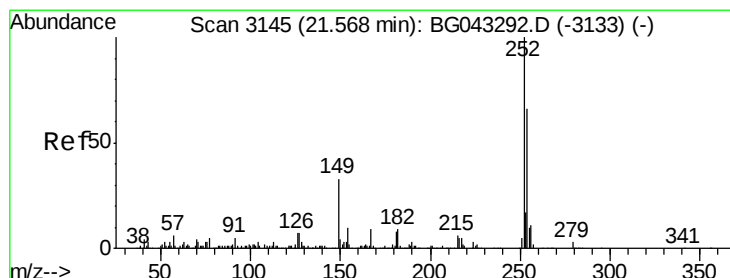
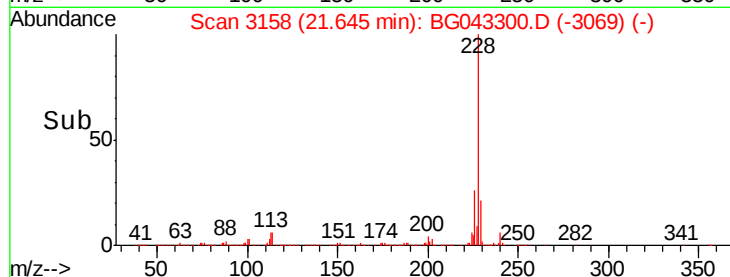
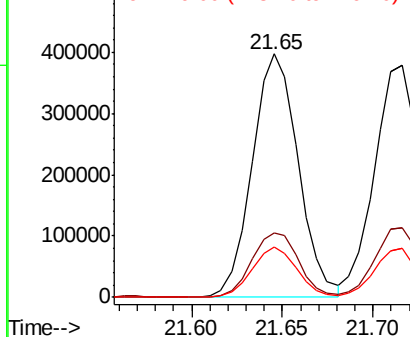


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.865 ng

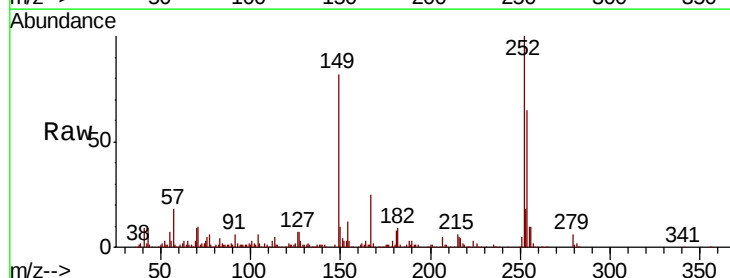
RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	252	Resp:	207933
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.7	79.1
126	7.3	5.6	8.4

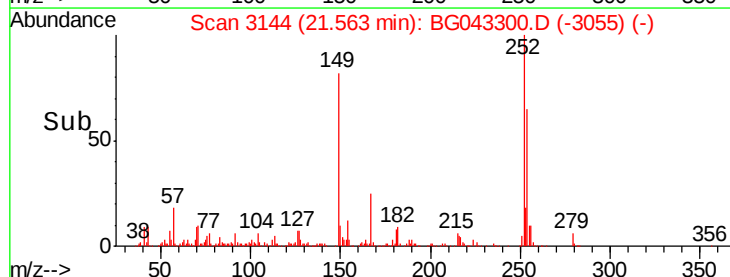
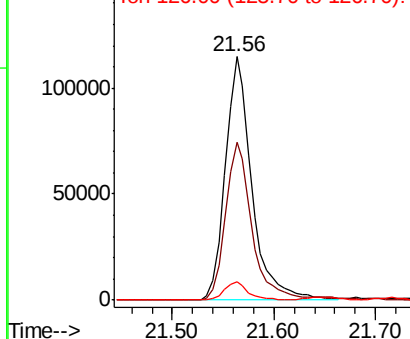


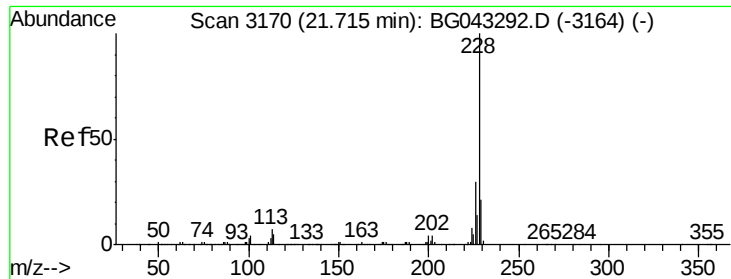
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





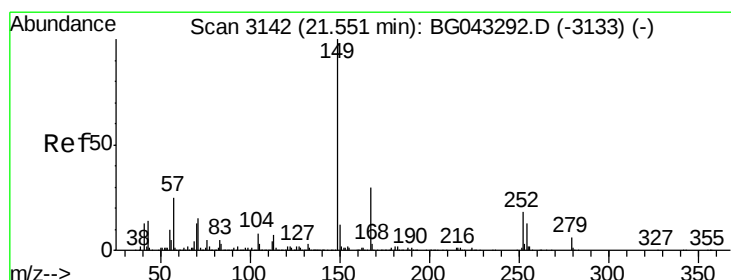
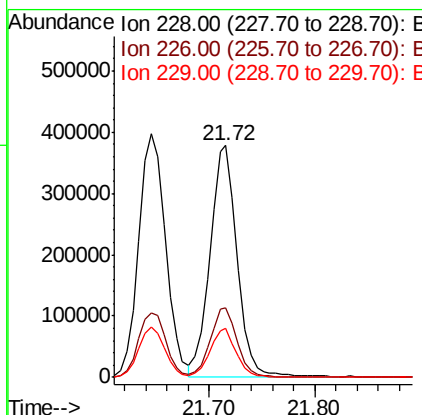
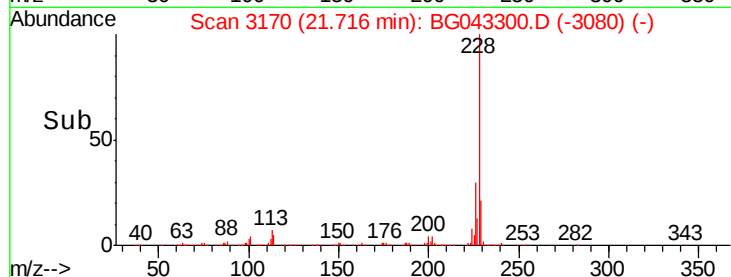
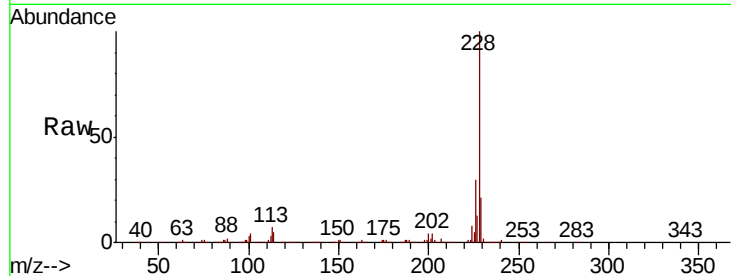
#83
 Chrvsene
 Concen: 41.486 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	21.1	16.3	24.5

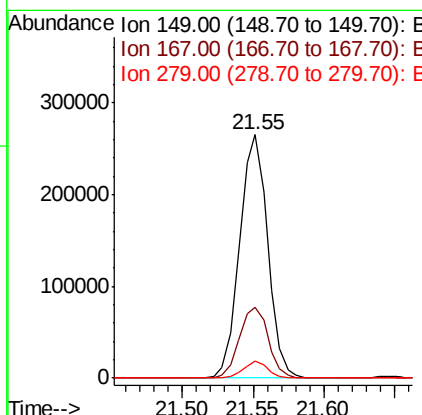
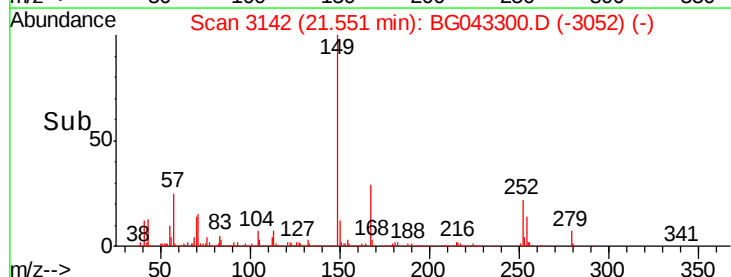
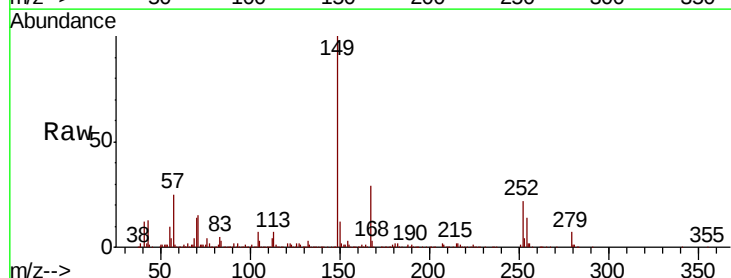
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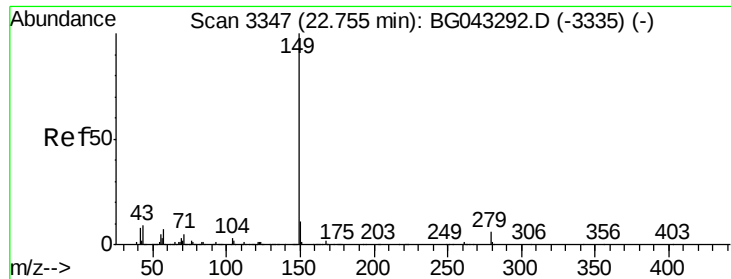
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.016 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043300.D
 Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.9	35.9
279	7.1	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 42.345 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

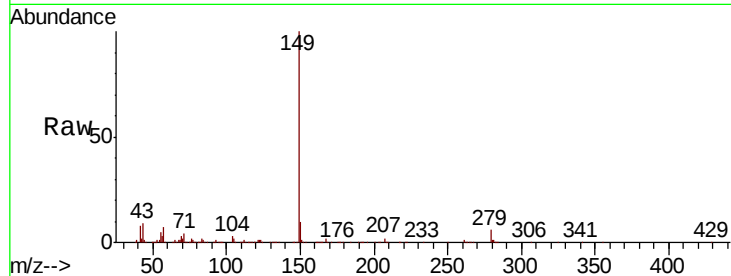
ClientSampleId :

PB123945BS

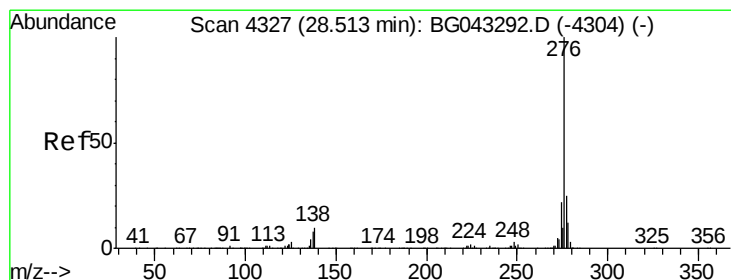
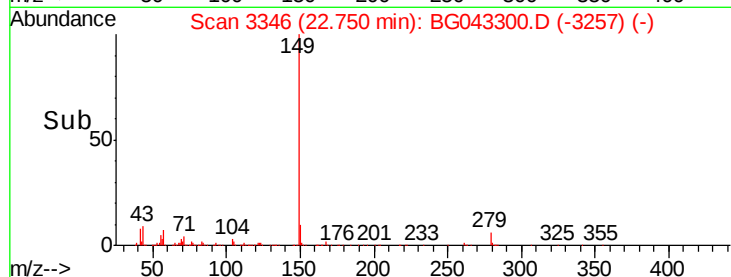
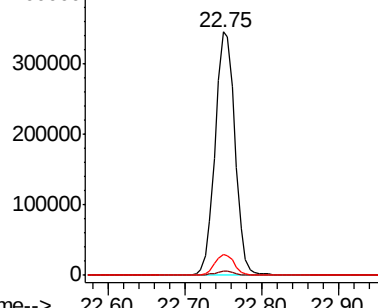
Tot Ion:	149	Resp:	624974
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.4	6.9	10.3

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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: 42.459 ng

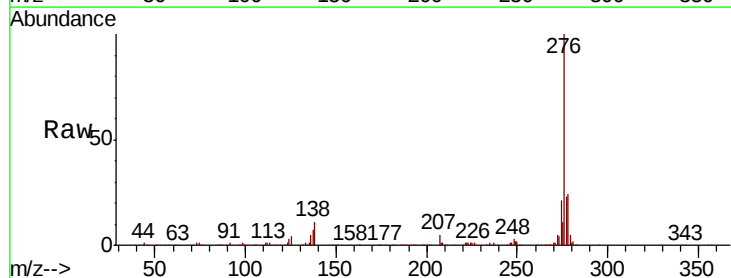
RT: 28.52 min Scan# 4328

Delta R.T. 0.01 min

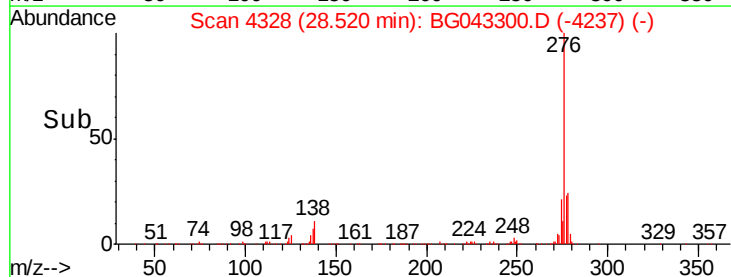
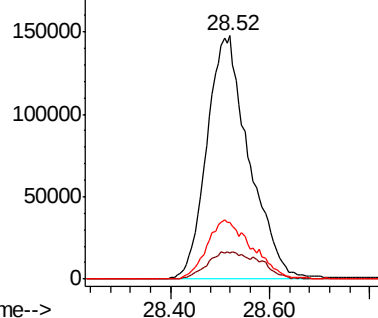
Lab File: BG043300.D

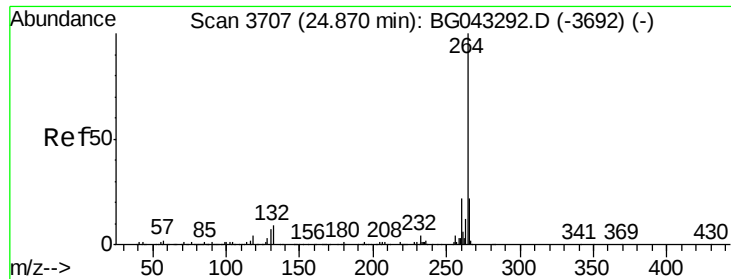
Acq: 22 Oct 2019 10:32

Tgt Ion:	276	Resp:	866220
Ion Ratio	Lower	Upper	
276	100		
138	13.8	7.2	10.8#
277	26.2	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





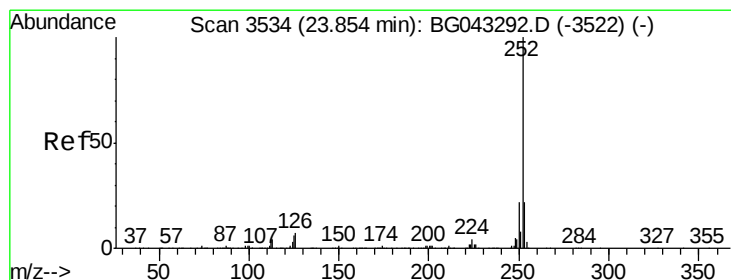
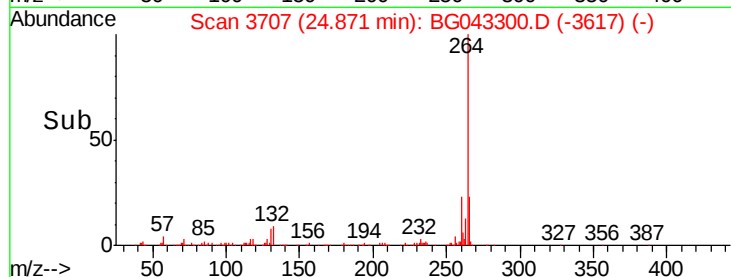
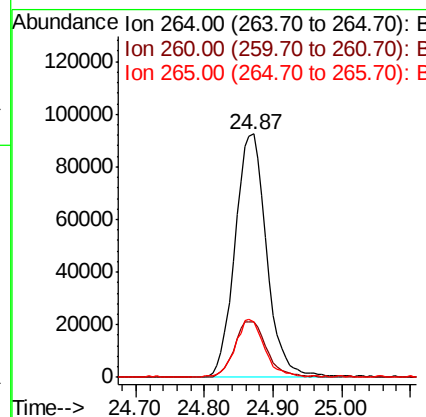
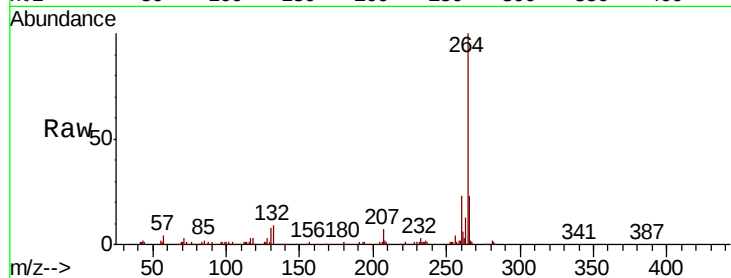
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Instrument :
BNA_G
ClientSampleId :
PB123945BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	22.6	17.4	26.2

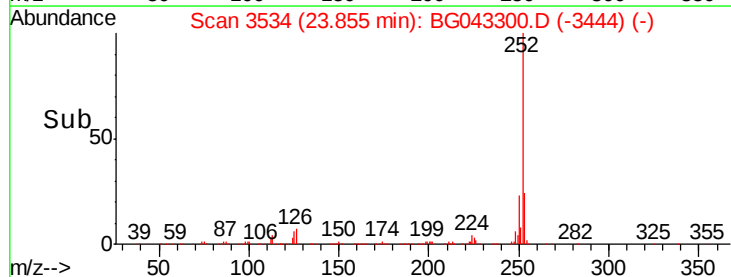
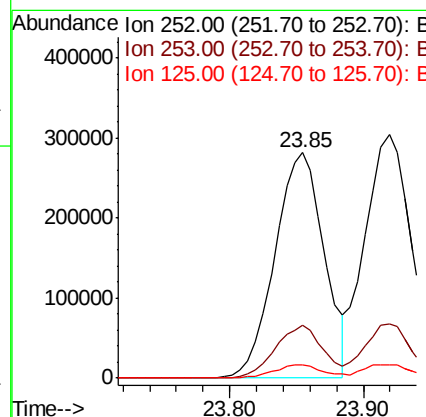
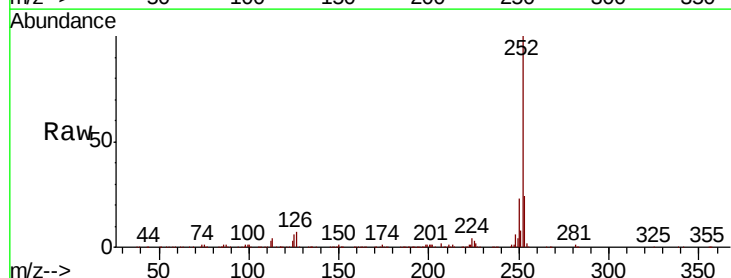
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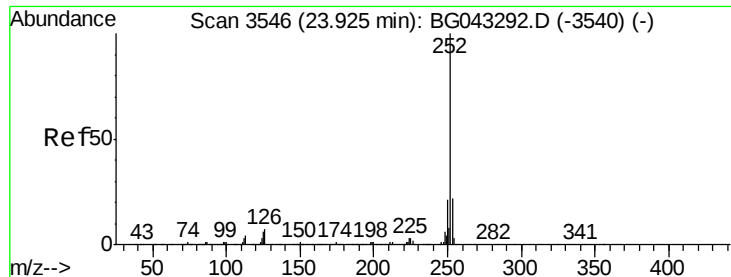
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.019 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG043300.D
Acq: 22 Oct 2019 10:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	5.9	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 44.104 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

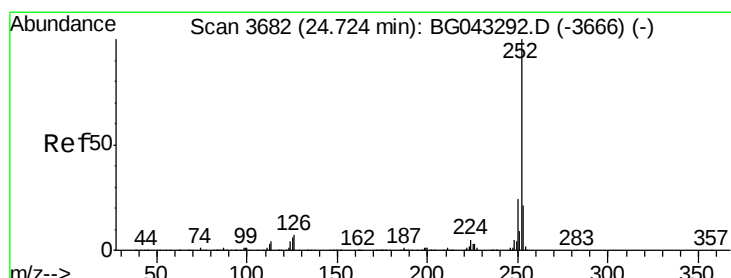
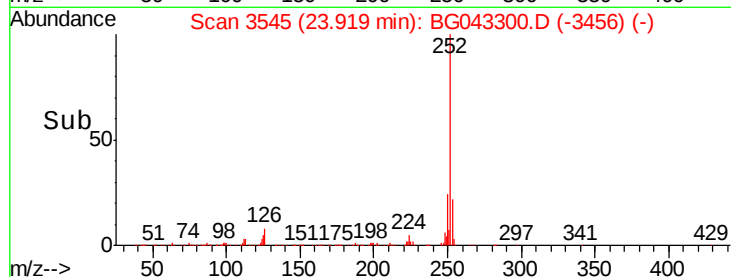
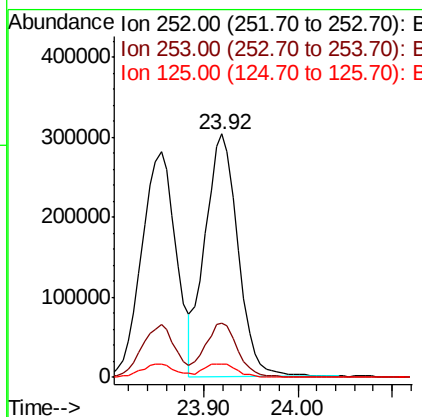
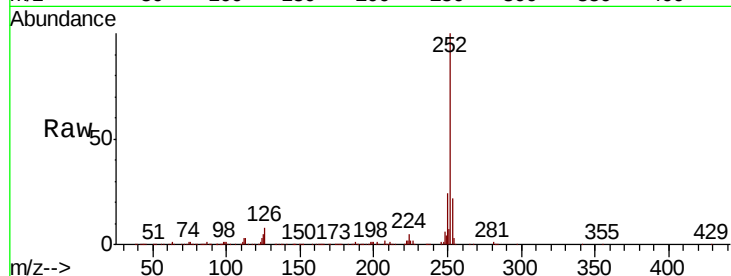
ClientSampleId :

PB123945BS

Tot Ion:	252	Resp:	744375
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	5.4	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 42.979 ng

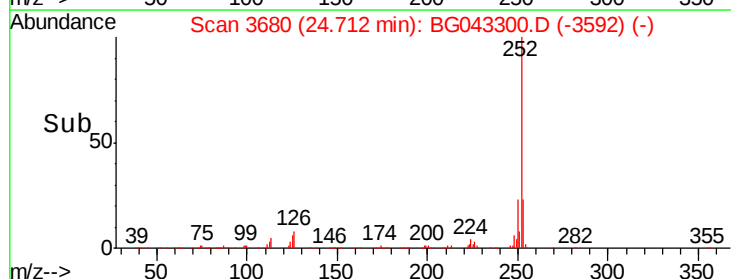
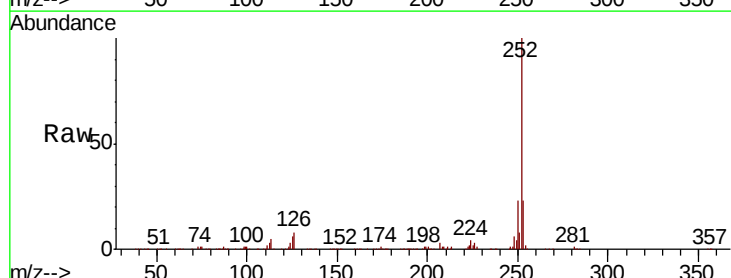
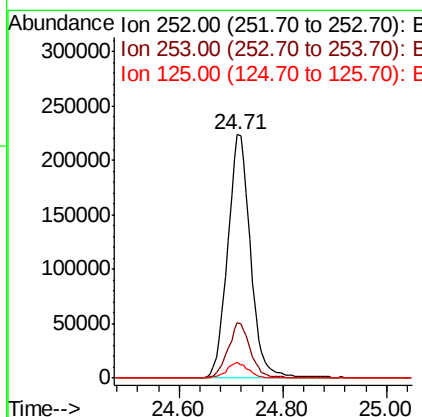
RT: 24.71 min Scan# 3680

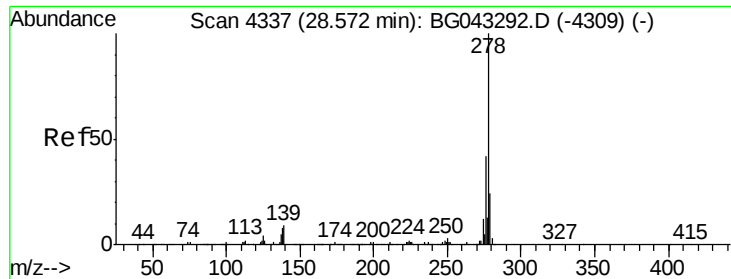
Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	252	Resp:	688085
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	6.4	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 44.642 ng

RT: 28.57 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Instrument :

BNA_G

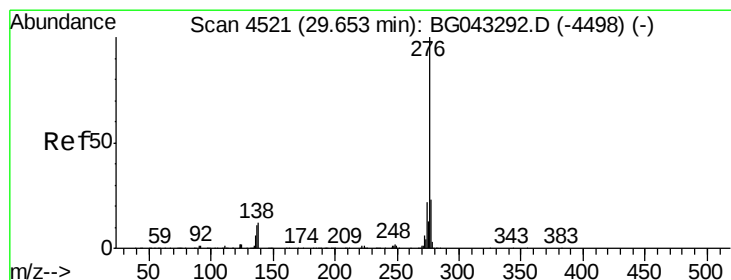
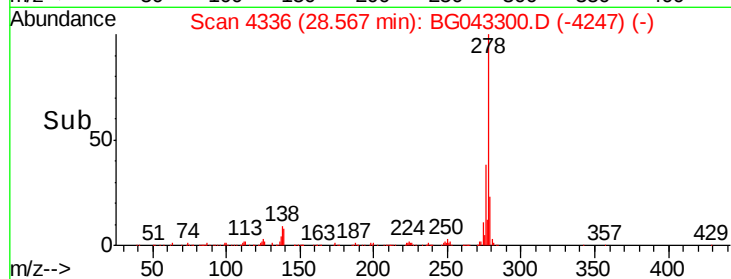
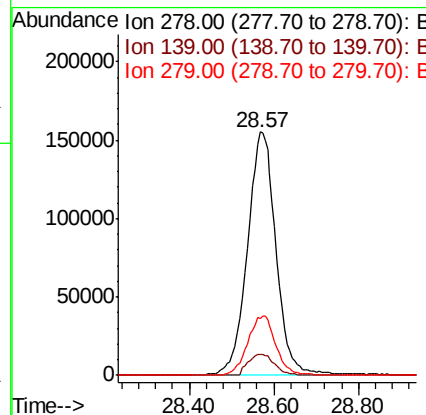
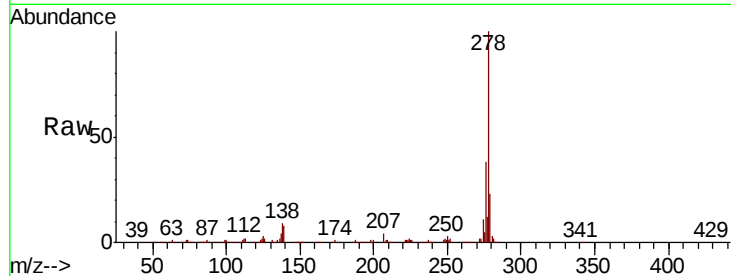
ClientSampleId :

PB123945BS

Tot Ion:	278	Resp:	731031
Ion Ratio	Lower	Upper	
278	100		
139	8.5	6.8	10.2
279	23.1	19.0	28.6

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 44.953 ng

RT: 29.65 min Scan# 4521

Delta R.T. 0.00 min

Lab File: BG043300.D

Acq: 22 Oct 2019 10:32

Tgt Ion:	276	Resp:	726122
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.3	27.5
138	11.2	9.3	13.9

