

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041372.D
 Acq On : 21 Jun 2019 10:53
 Operator : HP/JU
 Sample : PB120612BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Manual Integrations
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 6/25/2019 3:20:04 PM

Quant Time: Jun 21 16:21:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25713	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	96631	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	66729	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	173477	20.00	ng	0.00
76) Chrysene-d12	21.74	240	185059	20.00	ng	0.00
87) Perylene-d12	25.05	264	200027	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	196747	140.59	ng	0.00
7) Phenol-d6	7.23	99	267161	131.71	ng	0.00
23) Nitrobenzene-d5	9.25	82	185593	80.77	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	134664	131.45	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	421500	85.85	ng	0.00
79) Terphenyl-d14	20.05	244	831624	89.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	24819	35.369	ng	95
3) Pyridine	3.87	79	67865	36.456	ng	96
4) n-Nitrosodimethylamine	3.79	42	42058	42.365	ng	94
6) Aniline	7.40	93	84920	30.118	ng	99
8) 2-Chlorophenol	7.63	128	79448	48.317	ng	97
9) Benzaldehyde	7.21	77	15417	11.883	ng	93
10) Phenol	7.26	94	101897	46.714	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	72166	43.603	ng	94
12) 1,3-Dichlorobenzene	7.96	146	89968	43.698	ng	91
13) 1,4-Dichlorobenzene	8.11	146	88039	41.862	ng	96
14) 1,2-Dichlorobenzene	8.43	146	85189	42.409	ng	96
15) Benzyl Alcohol	8.31	79	74526	38.346	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	104451	38.551	ng	100
17) 2-Methylphenol	8.51	107	71624	45.928	ng	97
18) Hexachloroethane	9.15	117	34920	41.901	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	66611	40.602	ng	98
20) 3+4-Methylphenols	8.85	107	93651	45.111	ng	96
22) Acetophenone	8.90	105	125222	44.532	ng	93
24) Nitrobenzene	9.29	77	104481	45.214	ng	97
25) Isophorone	9.81	82	185927	44.107	ng	99
26) 2-Nitrophenol	10.01	139	45432	48.494	ng	94
27) 2,4-Dimethylphenol	10.05	122	73409	52.274	ng	94
28) bis(2-Chloroethoxy)methane	10.29	93	96396	43.888	ng	97
29) 2,4-Dichlorophenol	10.54	162	89556	51.433	ng	91
30) 1,2,4-Trichlorobenzene	10.75	180	99521	44.628	ng	97
31) Naphthalene	10.95	128	241640	46.011	ng	100
32) Benzoic acid	10.21	122	42135	46.092	ng	95
33) 4-Chloroaniline	11.06	127	47125	21.128	ng	93
34) Hexachlorobutadiene	11.20	225	75088	42.420	ng	95
35) Caprolactam	11.85	113	25224m	42.079	ng	
36) 4-Chloro-3-methylphenol	12.17	107	94352	46.912	ng	93
37) 2-Methylnaphthalene	12.54	142	179177	46.323	ng	98
38) 1-Methylnaphthalene	12.76	142	168630	45.566	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	128044	46.470	ng	98

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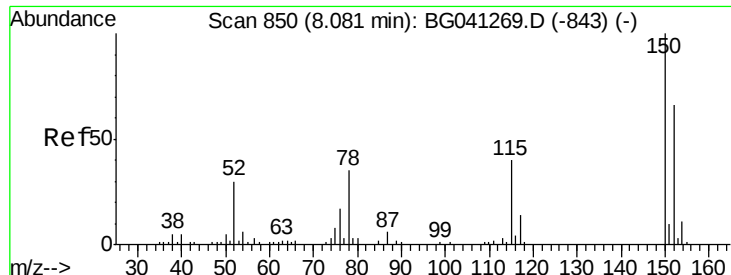
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	185404	99.892	nq	100
43) 2,4,6-Trichlorophenol	13.15	196	81540	47.837	nq	97
44) 2,4,5-Trichlorophenol	13.23	196	89835	51.221	nq	96
46) 1,1'-Biphenyl	13.54	154	235563	46.695	nq	98
47) 2-Chloronaphthalene	13.60	162	194124	44.696	nq	100
48) 2-Nitroaniline	13.81	65	67767	42.604	nq	94
49) Acenaphthylene	14.44	152	304632	46.222	nq	99
50) Dimethylphthalate	14.16	163	259210	43.658	nq	100
51) 2,6-Dinitrotoluene	14.29	165	56723	45.309	nq	92
52) Acenaphthene	14.78	154	175736	45.409	nq	95
53) 3-Nitroaniline	14.63	138	34629	28.076	nq	99
54) 2,4-Dinitrophenol	14.84	184	78398	86.663	nq	92
55) Dibenzofuran	15.11	168	308862	45.902	nq	96
56) 4-Nitrophenol	14.94	139	84165	89.428	nq	92
57) 2,4-Dinitrotoluene	15.08	165	80926	44.221	nq	94
58) Fluorene	15.76	166	240751	45.483	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	86217	47.537	nq	98
60) Diethylphthalate	15.51	149	260496	43.166	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	151319	43.938	nq	98
62) 4-Nitroaniline	15.80	138	57336	43.463	nq	93
63) Azobenzene	16.03	77	235638	43.768	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	51737	45.948	nq	97
66) n-Nitrosodiphenylamine	15.96	169	218402	47.414	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	97216	43.340	nq	93
68) Hexachlorobenzene	16.75	284	102532	42.686	nq	96
70) Pentachlorophenol	17.10	266	120066	97.618	nq	98
71) Phenanthrene	17.50	178	421739	45.583	nq	97
72) Anthracene	17.59	178	439502	48.184	nq	99
73) Carbazole	17.87	167	387108	48.515	nq	99
74) Di-n-butylphthalate	18.39	149	465066	46.712	nq	99
75) Fluoranthene	19.51	202	584238	47.531	nq	99
77) Benzidine	19.69	184	282736	63.165	nq	98
78) Pyrene	19.87	202	589619	47.243	nq	99
80) Butylbenzylphthalate	20.73	149	220436	46.695	nq	98
81) Benzo(a)anthracene	21.72	228	565671	45.145	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	133087	30.257	nq	99
83) Chrysene	21.79	228	553502	45.934	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	294548	45.785	nq	99
85) Di-n-octyl phthalate	22.81	149	511053	46.953	nq	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	670159	46.876	nq	# 97
88) Benzo(b)fluoranthene	24.00	252	575947	46.461	nq	98
89) Benzo(k)fluoranthene	24.07	252	550399	44.820	nq	98
90) Benzo(a)pyrene	24.90	252	557333	47.605	nq	97
91) Dibenzo(a,h)anthracene	28.94	278	556189	47.189	nq	96
92) Benzo(g,h,i)perylene	30.09	276	561001	48.163	nq	97

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



#1

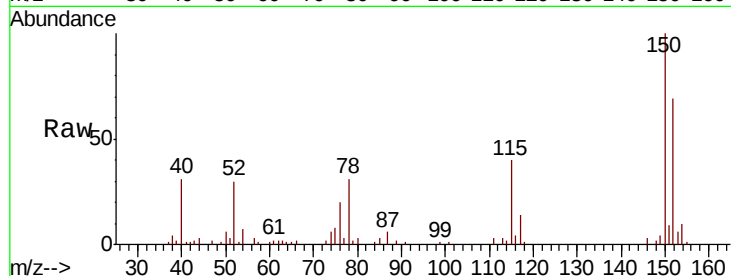
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	120.6	181.0
115	58.3	47.9	71.9

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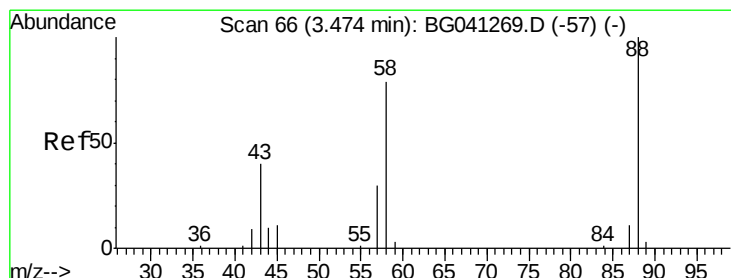
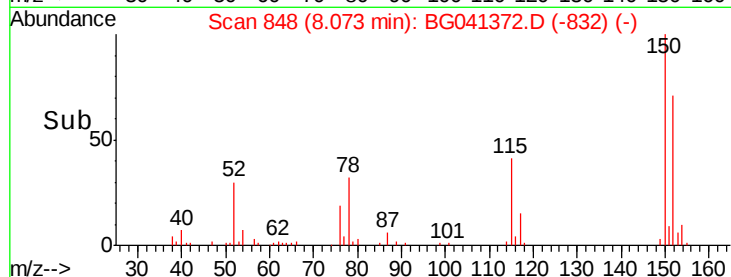
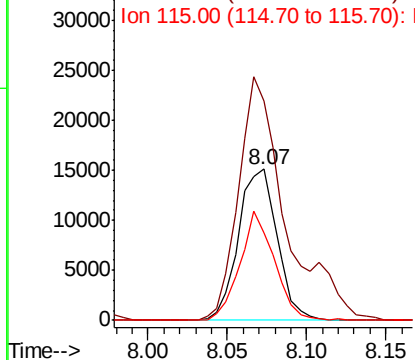


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

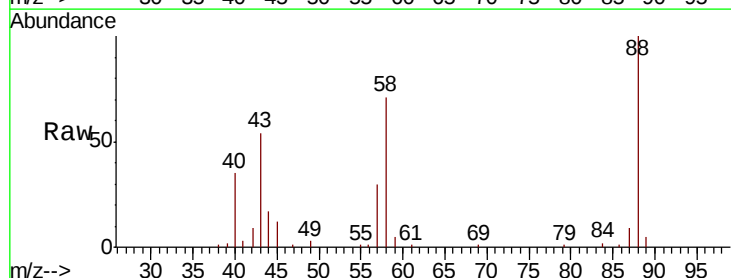
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.369 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.03 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	59.7	89.5
43	41.3	31.9	47.9

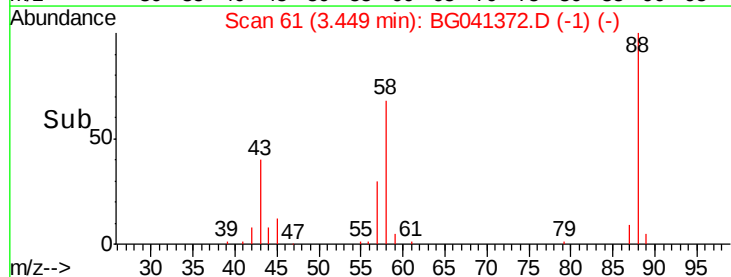
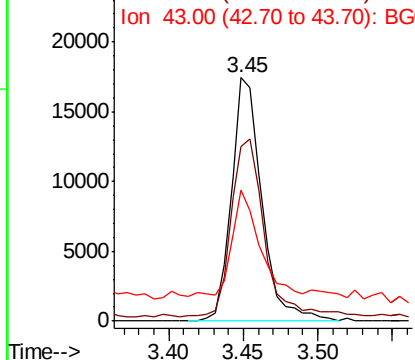


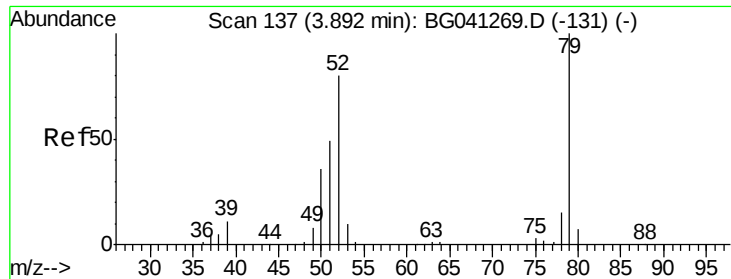
Abundance

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: 36.456 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.03 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

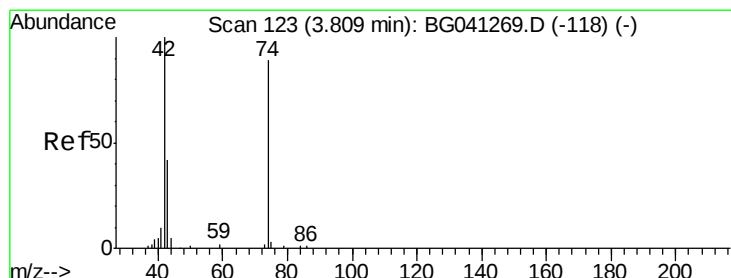
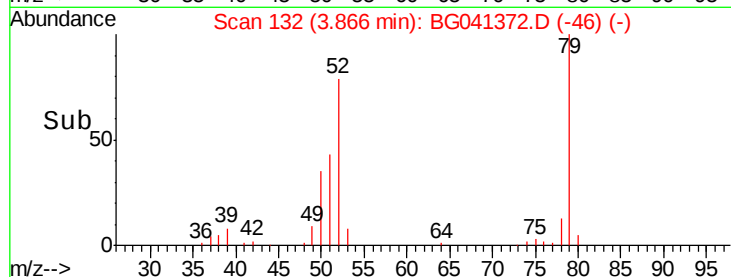
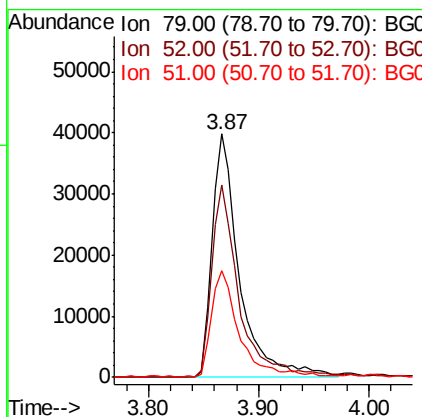
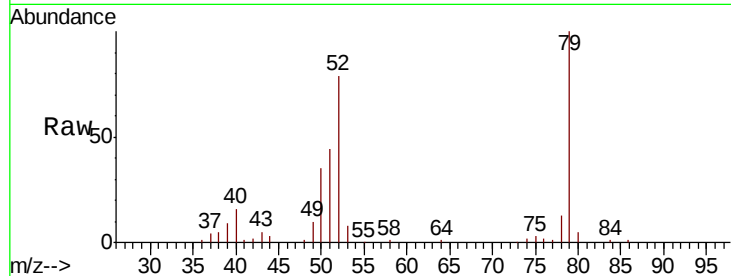
ClientSampleId :

PB120612BS

Tot Ion:	79	Resp:	67865
Ion	Ratio	Lower	Upper
79	100		
52	78.8	63.6	95.4
51	43.7	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 42.365 ng

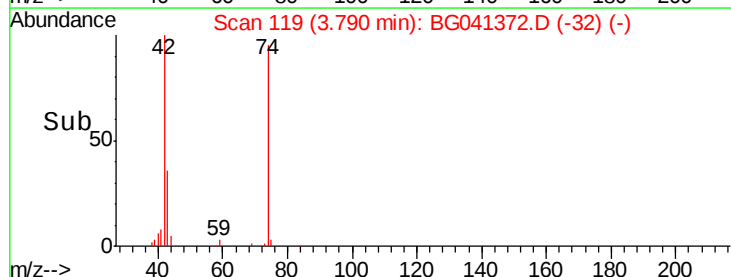
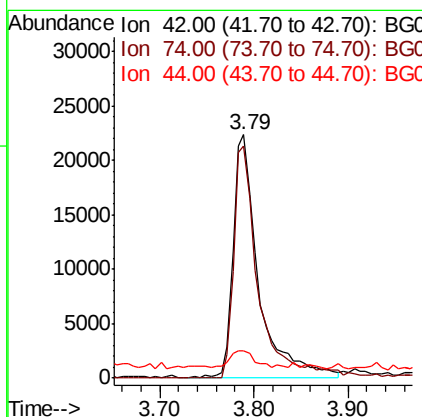
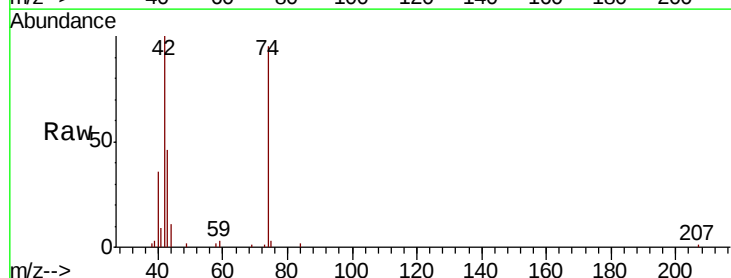
RT: 3.79 min Scan# 119

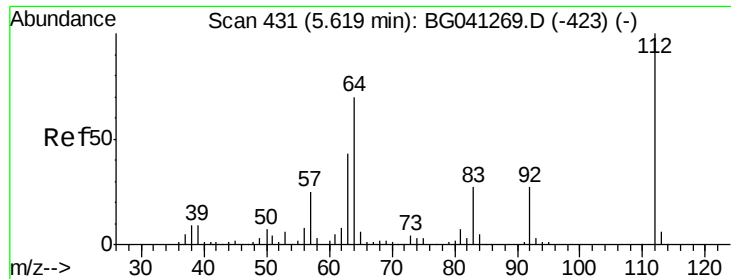
Delta R.T. -0.02 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:	42	Resp:	42058
Ion	Ratio	Lower	Upper
42	100		
74	95.3	71.6	107.4
44	11.0	9.0	13.4





#5

2-Fluorophenol

Concen: 140.593 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

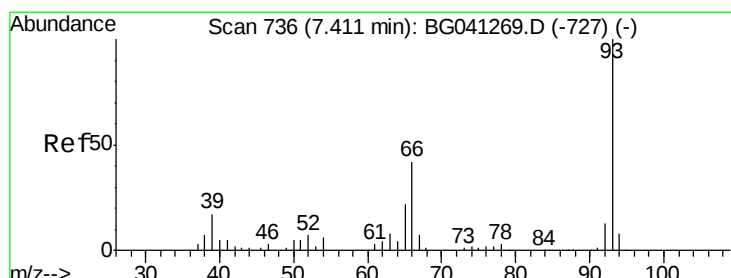
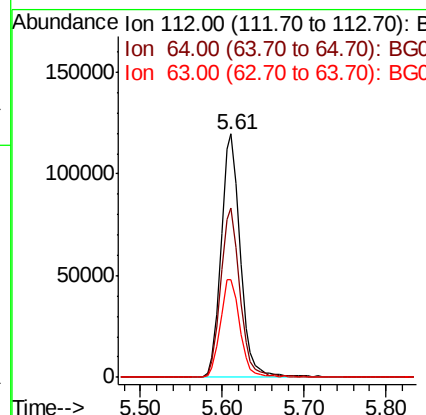
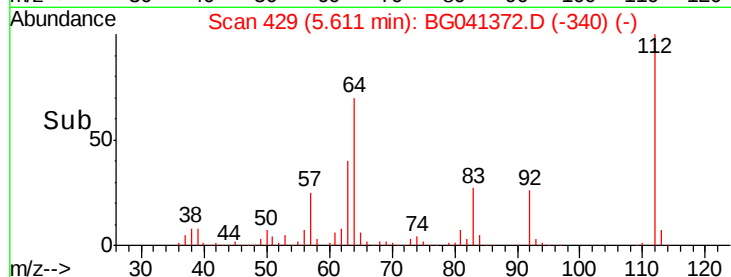
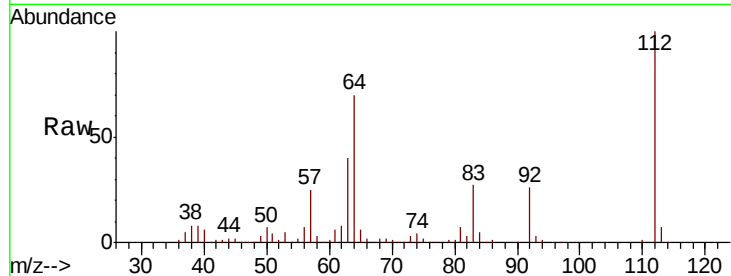
ClientSampleId :

PB120612BS

Tot Ion:	112	Resp:	196747
Ion Ratio	Lower	Upper	
112	100		
64	69.8	55.9	83.9
63	40.3	34.6	51.8

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#6

Aniline

Concen: 30.118 ng

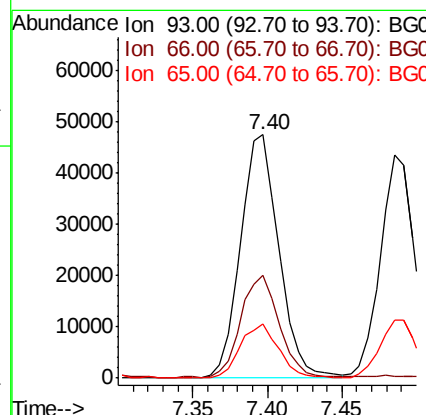
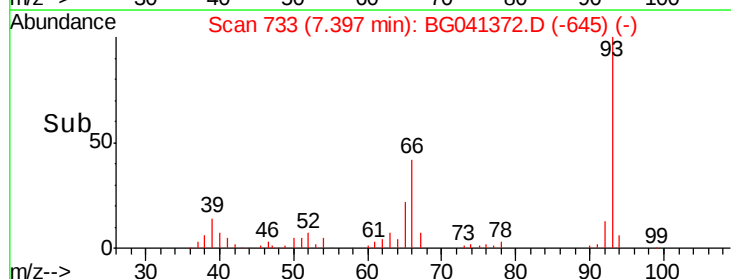
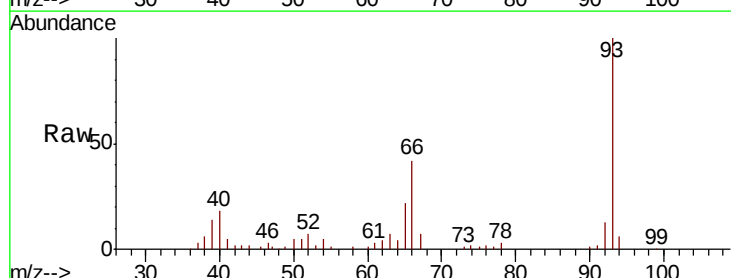
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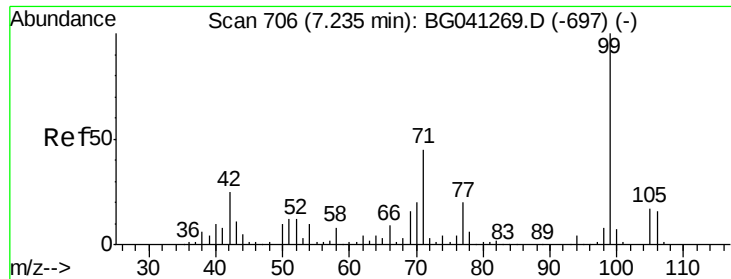
Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:	93	Resp:	84920
Ion Ratio	Lower	Upper	
93	100		
66	42.1	34.2	51.2
65	22.3	17.7	26.5





#7

Phenol-d6

Concen: 131.706 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

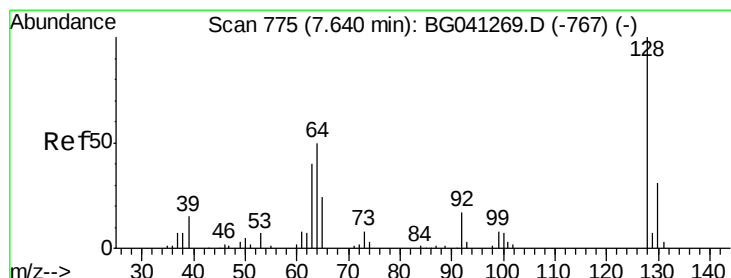
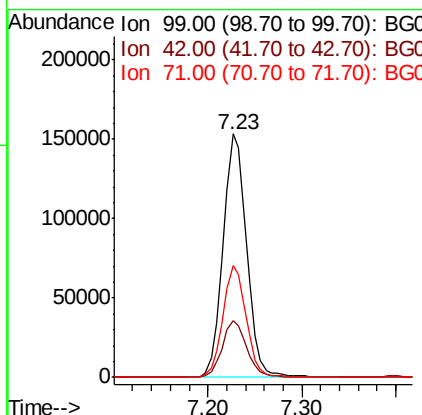
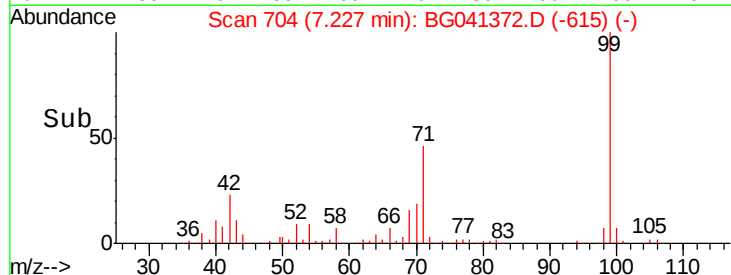
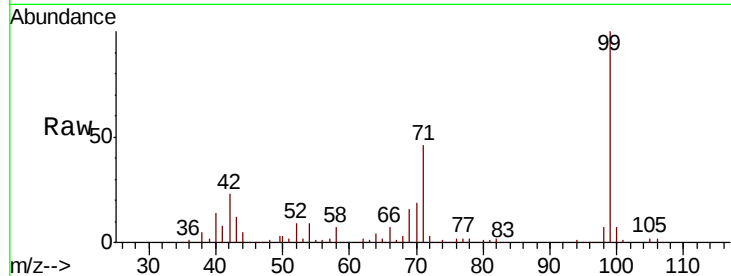
ClientSampleId :

PB120612BS

Tot Ion:	99	Resp:	267161
Ion Ratio	Lower	Upper	
99	100		
42	23.4	19.9	29.9
71	46.1	36.4	54.6

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#8

2-Chlorophenol

Concen: 48.317 ng

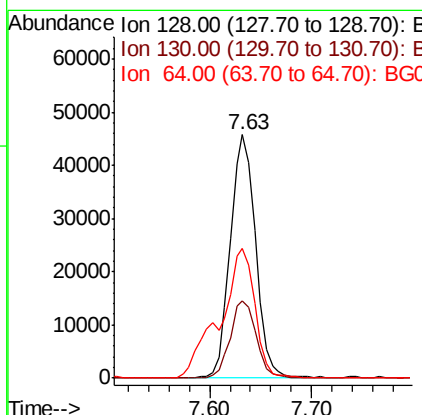
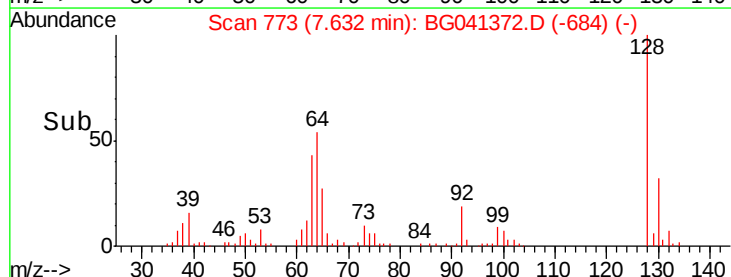
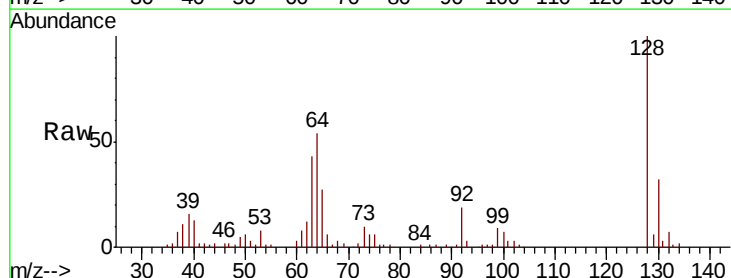
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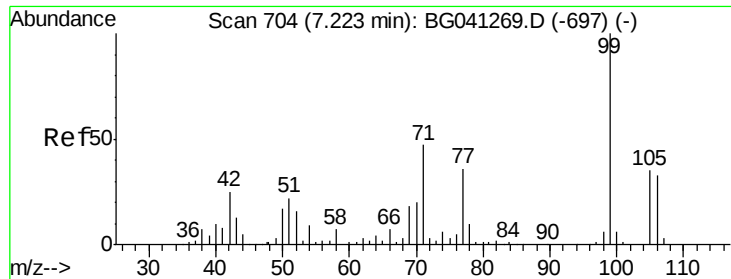
Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:	128	Resp:	79448
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.1	51.1
64	53.5	36.6	76.6





#9

Benzaldehyde

Concen: 11.883 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

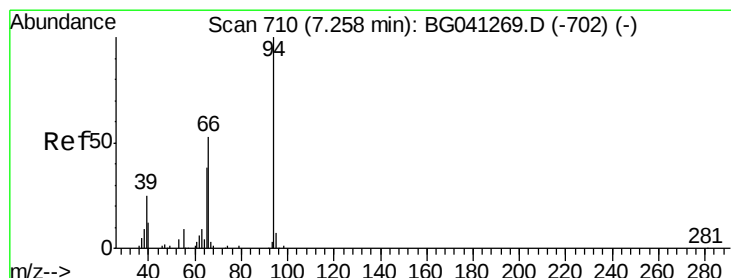
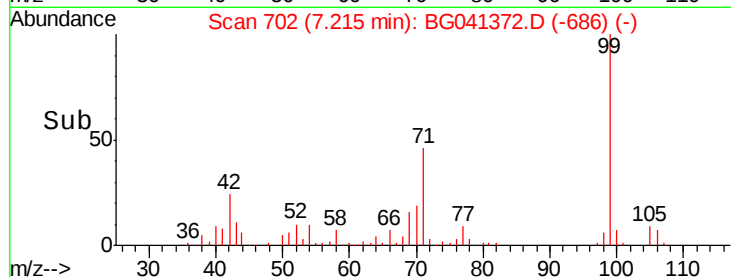
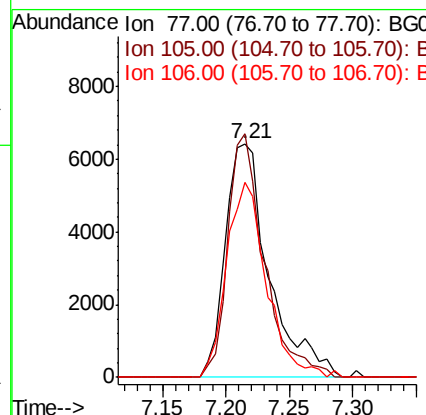
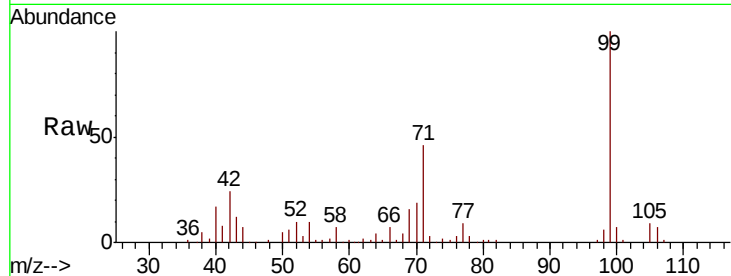
ClientSampleID :

PB120612BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	104.1	78.7	118.7	
106	83.2	71.1	111.1	

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#10

Phenol

Concen: 46.714 ng

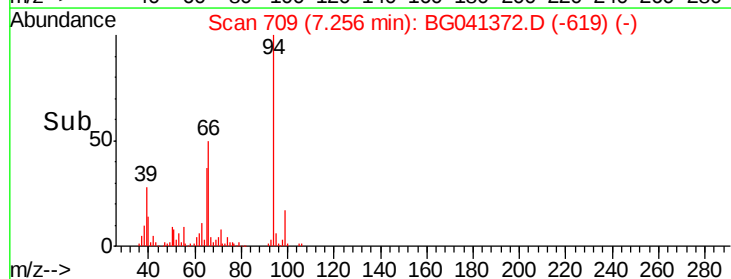
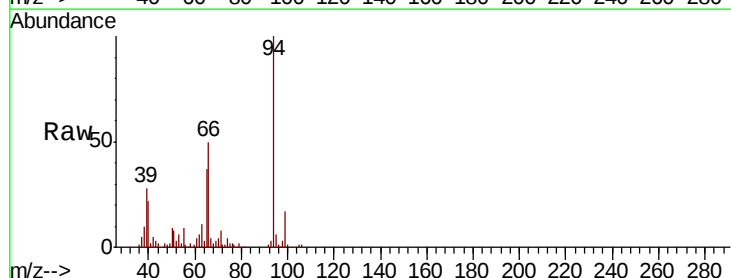
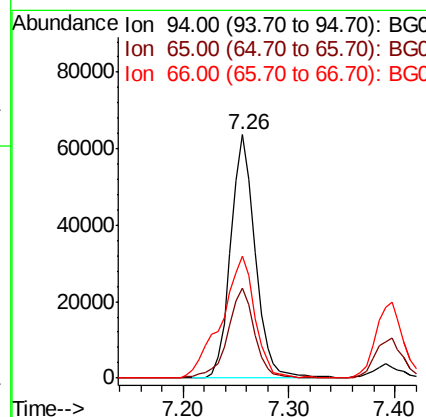
RT: 7.26 min Scan# 709

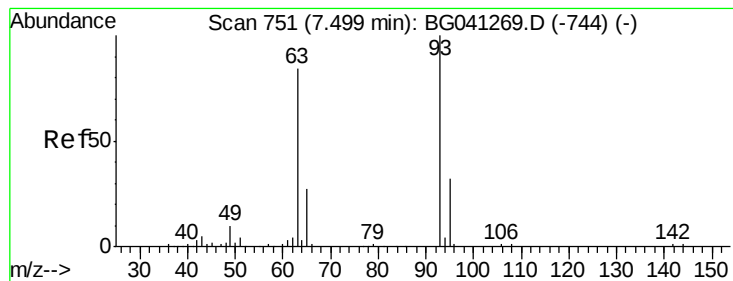
Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	36.7	18.7	58.7	
66	50.2	35.5	75.5	





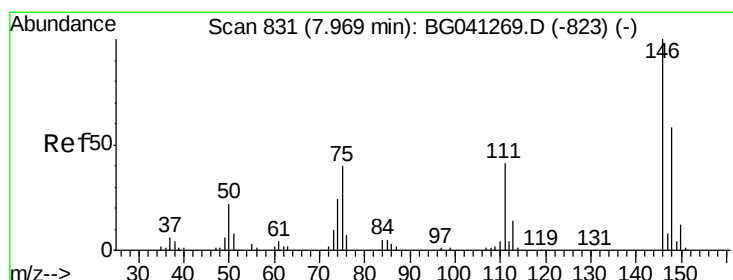
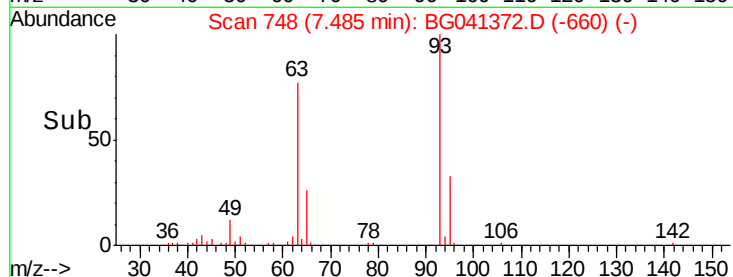
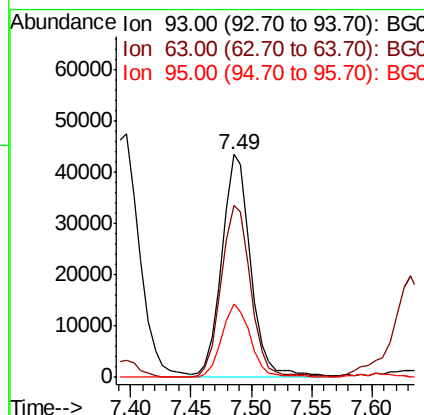
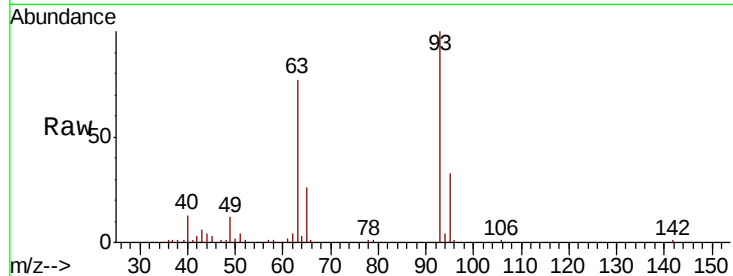
#11
bis(2-Chloroethyl)ether
Concen: 43.603 ng
RT: 7.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	63.6	103.6
95	32.8	11.2	51.2

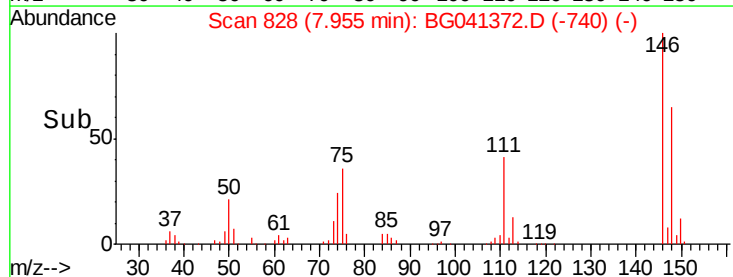
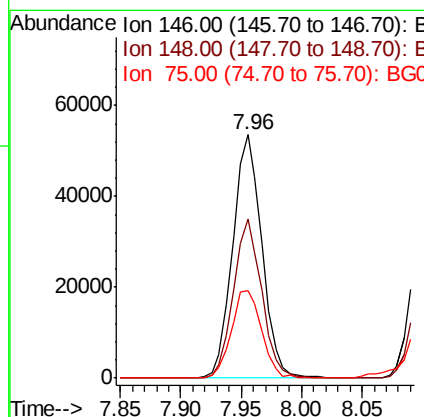
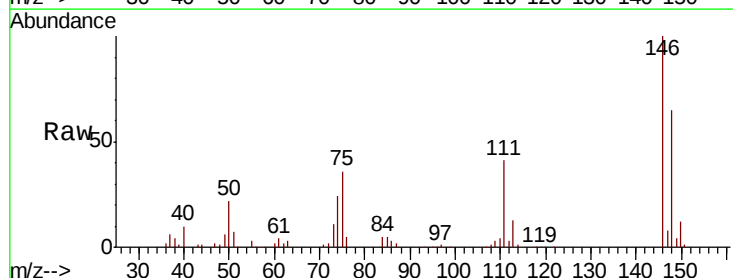
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#12
1,3-Dichlorobenzene
Concen: 43.698 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	46.5	69.7
75	36.1	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 41.862 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BG041372.D

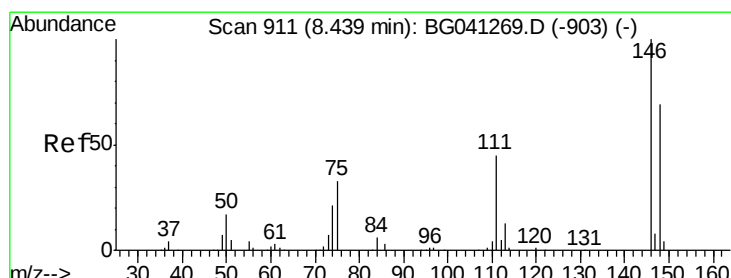
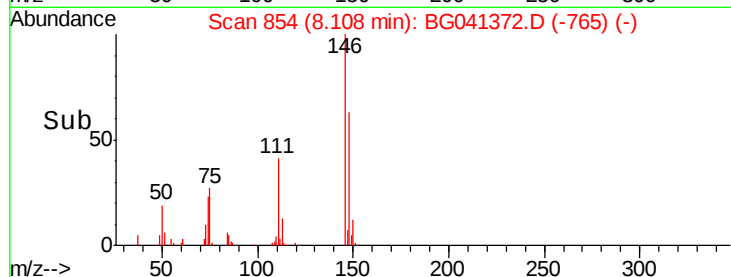
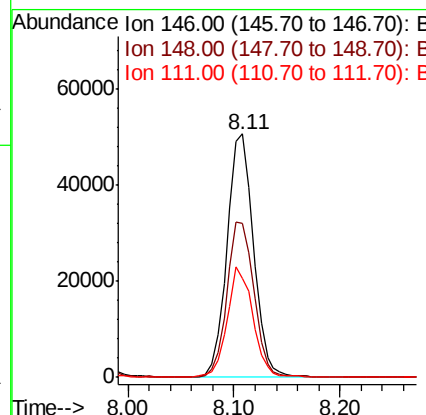
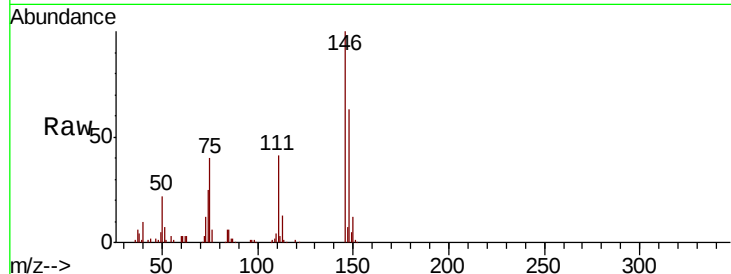
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	47.3	70.9
111	40.8	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 42.409 ng

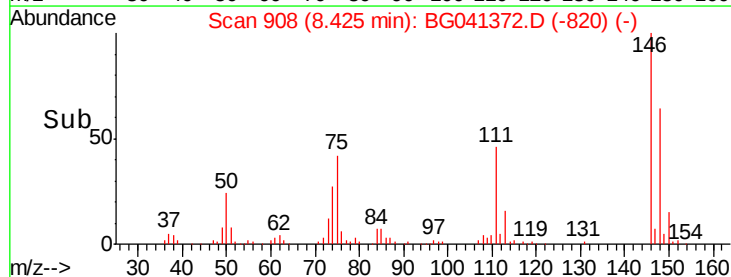
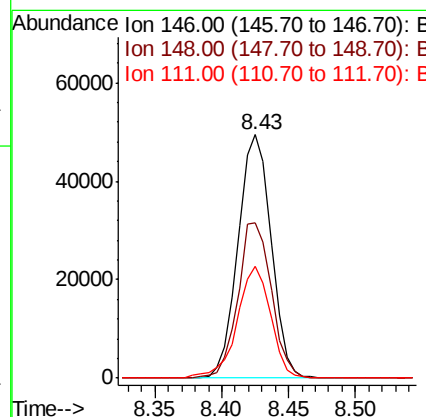
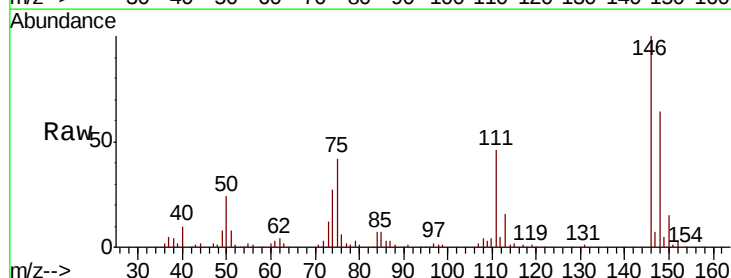
RT: 8.43 min Scan# 908

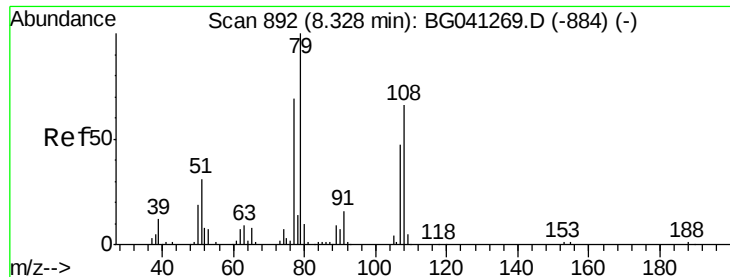
Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	54.9	82.3
111	45.8	37.0	55.6





#15

Benzyl Alcohol

Concen: 38.346 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

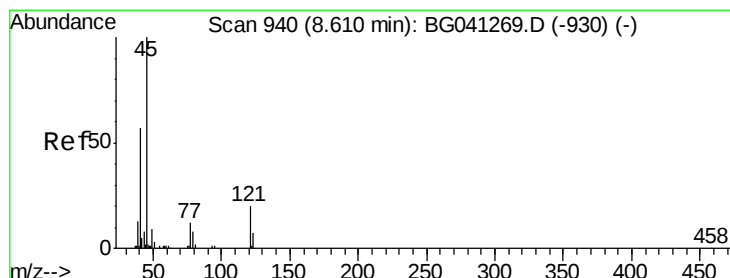
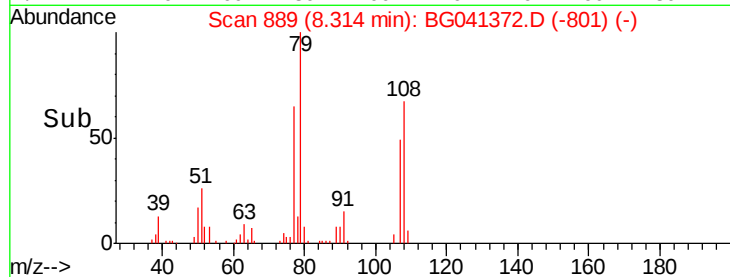
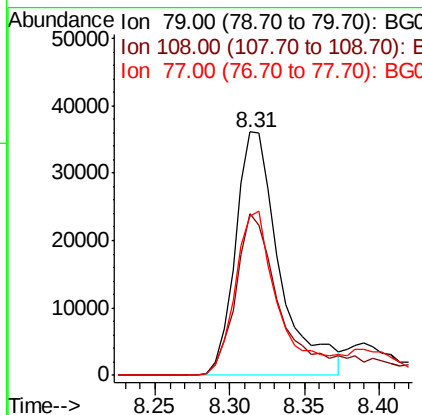
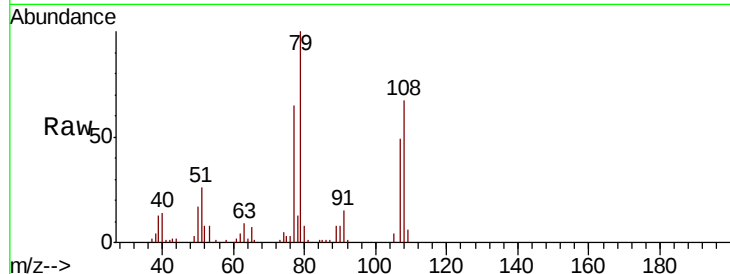
ClientSampled :

PB120612BS

Tot Ion:	79	Resp:	74526
Ion	Ratio	Lower	Upper
79	100		
108	66.5	52.7	79.1
77	65.3	55.2	82.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.551 ng

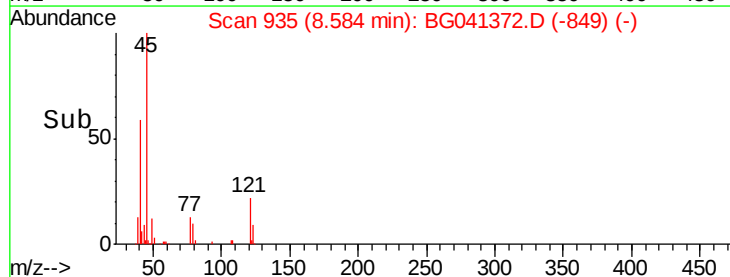
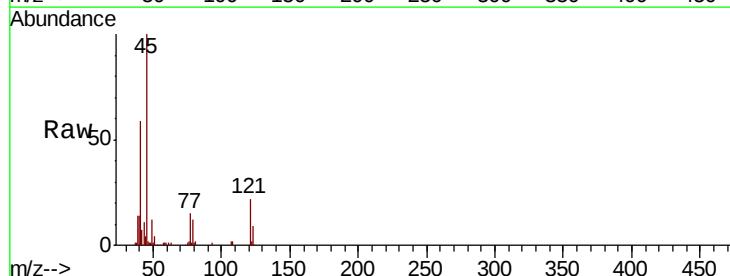
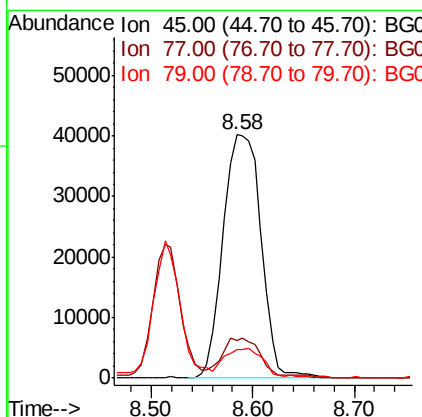
RT: 8.58 min Scan# 935

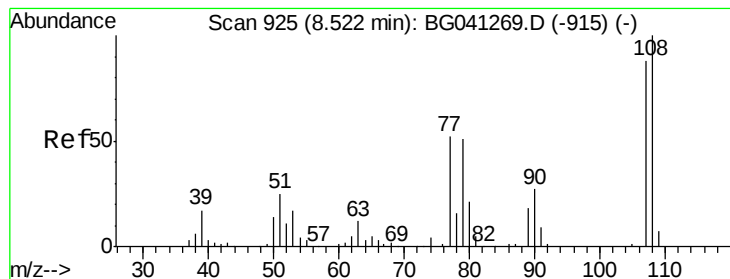
Delta R.T. -0.03 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:	45	Resp:	104451
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.2
79	11.5	0.0	31.6





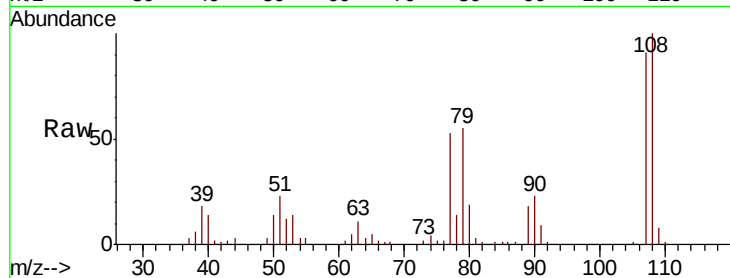
#17
2-Methylphenol
Concen: 45.928 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion:	107	Resp:	71624
Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.7	137.5
77	58.0	47.8	71.8
79	59.7	46.8	70.2

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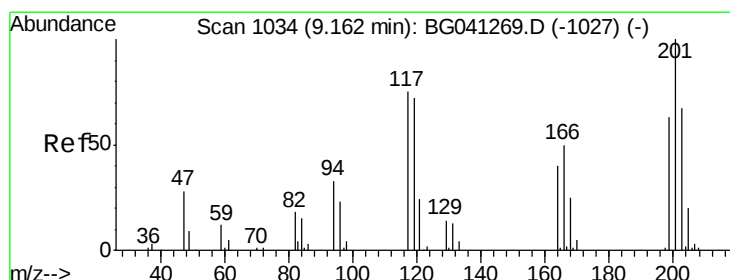
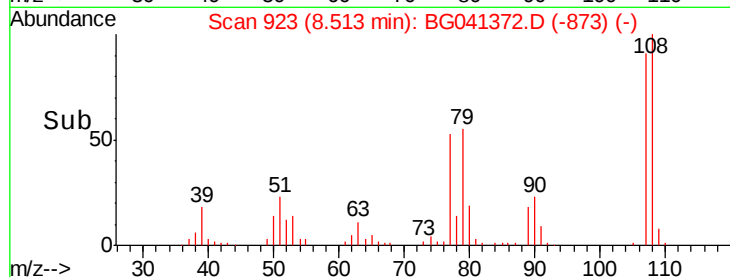
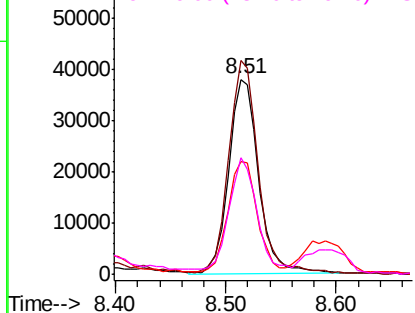
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.901 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

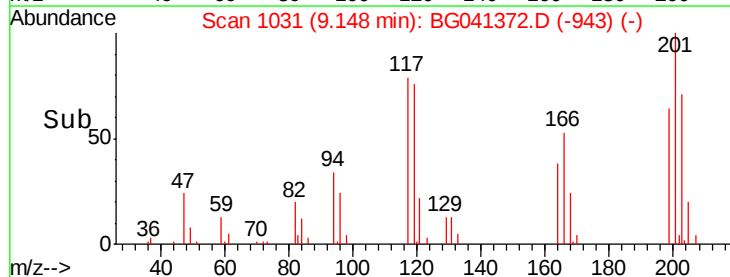
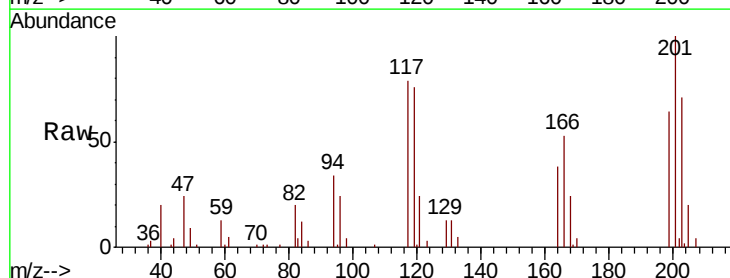
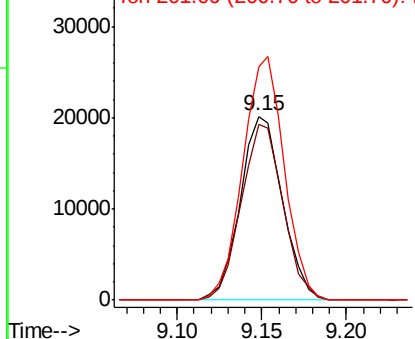
Tgt Ion:	117	Resp:	34920
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.8	115.2
201	126.5	106.3	159.5

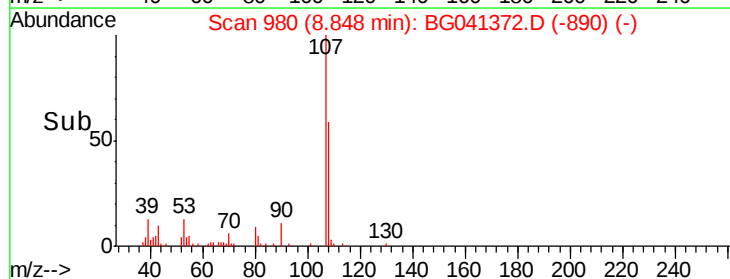
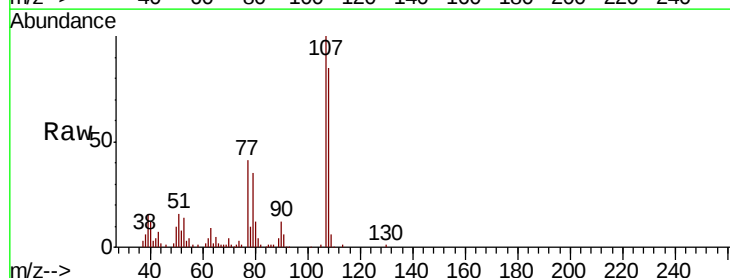
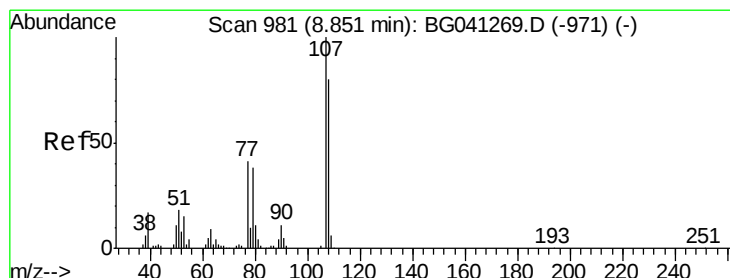
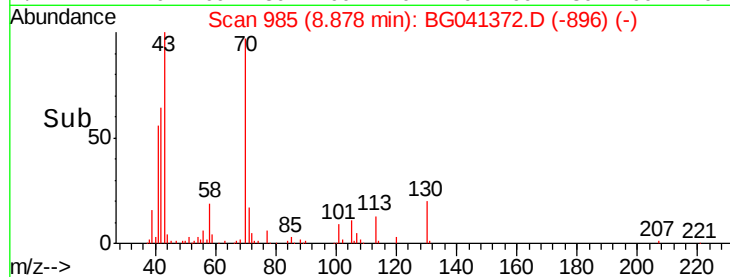
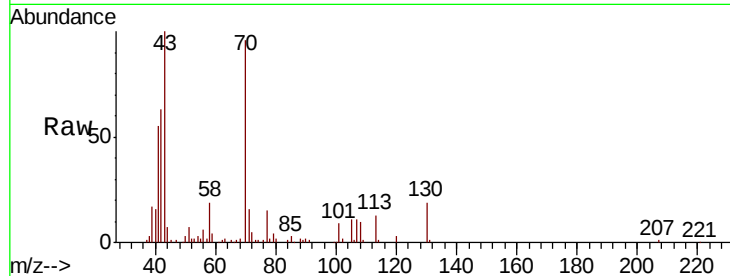
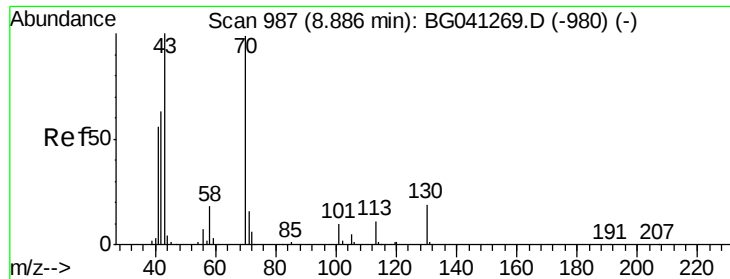
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





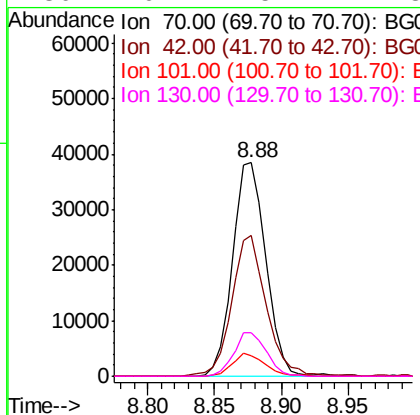
#19
n-Nitroso-di-n-propylamine
Concen: 40.602 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.9	51.4	77.2	
101	9.7	8.2	12.2	
130	20.2	15.2	22.8	

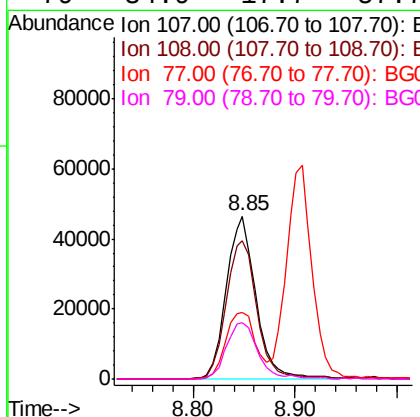
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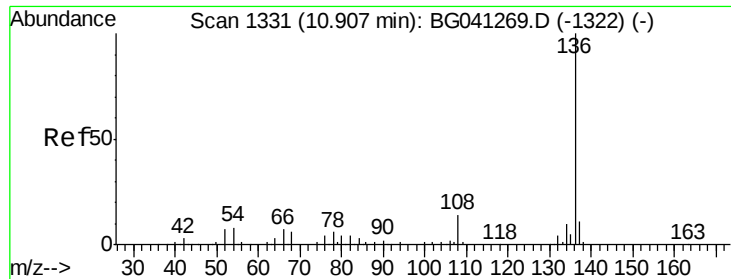
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#20
3+4-Methylphenols
Concen: 45.111 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.1	60.4	100.4	
77	40.9	21.2	61.2	
79	34.9	17.7	57.7	





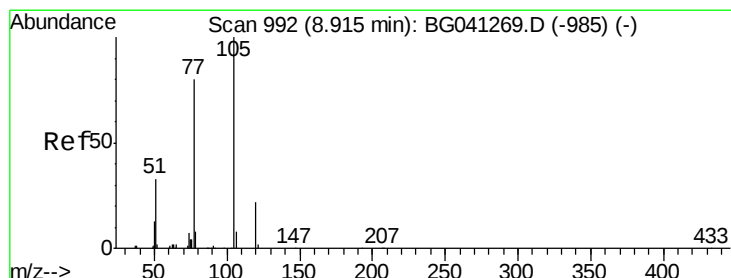
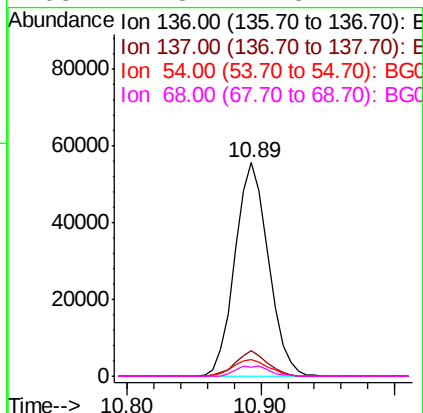
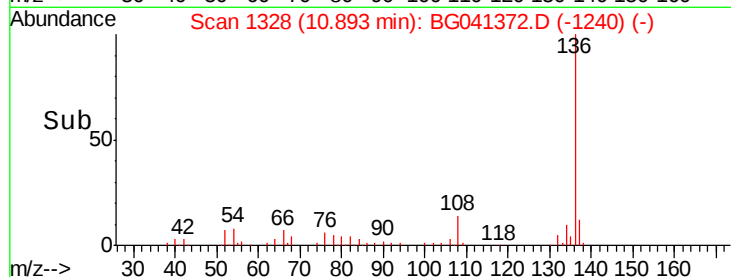
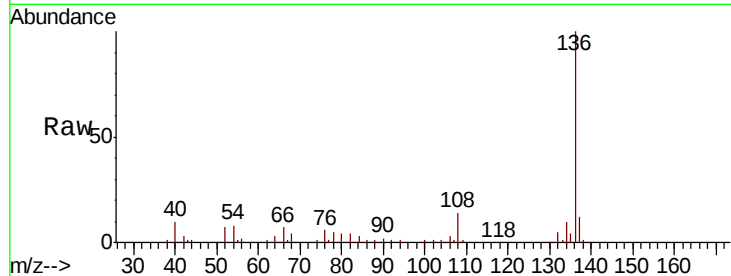
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	96631		
137	12.0	8.8	13.2	
54	7.5	6.4	9.6	
68	4.3	4.8	7.2	

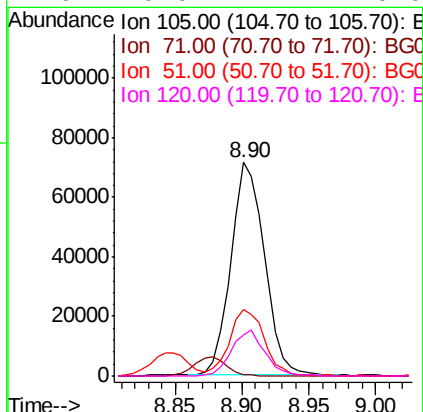
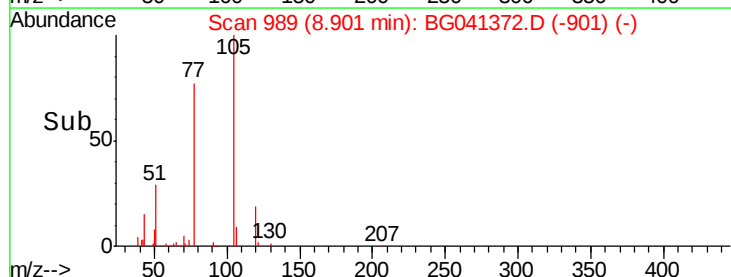
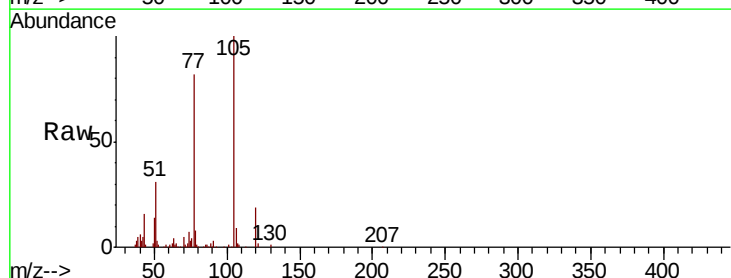
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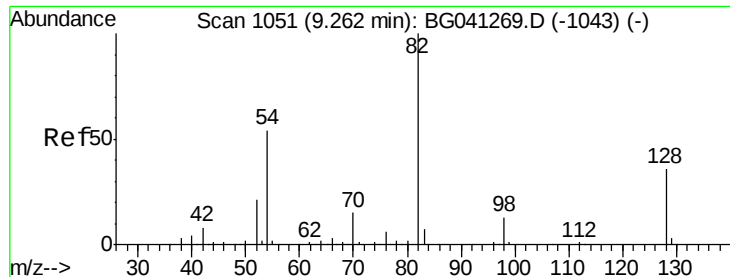
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#22
Acetophenone
Concen: 44.532 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	125222		
71	0.6	0.4	0.6	
51	31.0	28.2	42.4	
120	19.0	17.4	26.0	





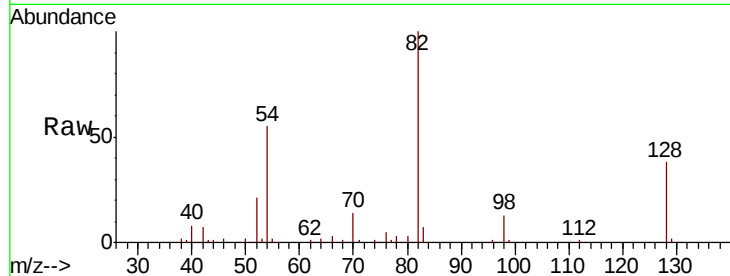
#23
Nitrobenzene-d5
Concen: 80.775 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampled :
PB120612BS

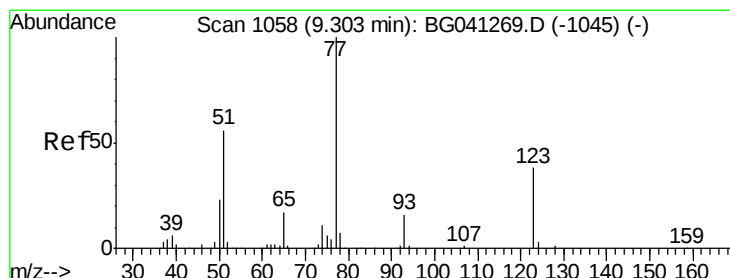
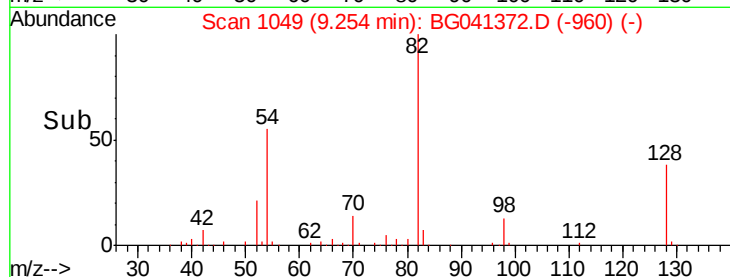
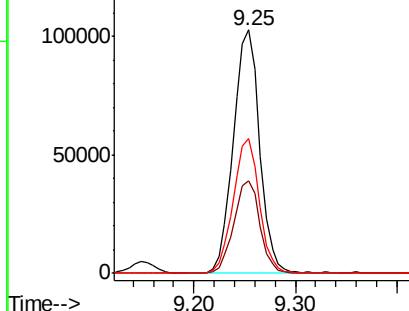
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.0	29.2	43.8	
54	55.2	43.4	65.0	

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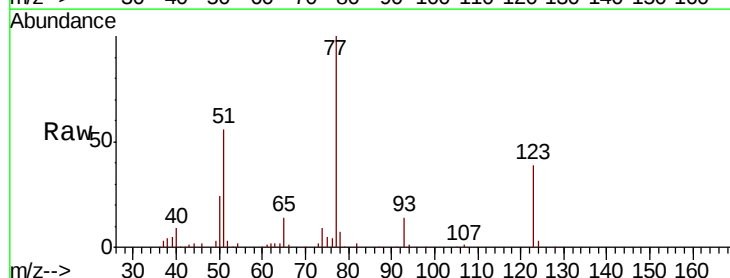


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

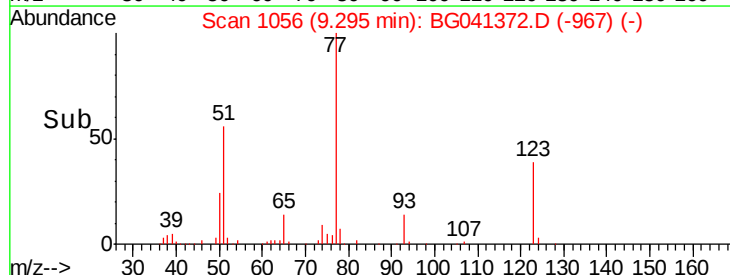
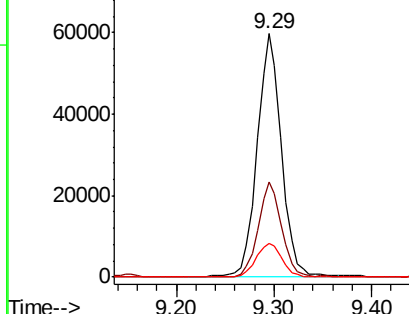


#24
Nitrobenzene
Concen: 45.214 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.2	30.4	45.6	
65	14.1	13.3	19.9	



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





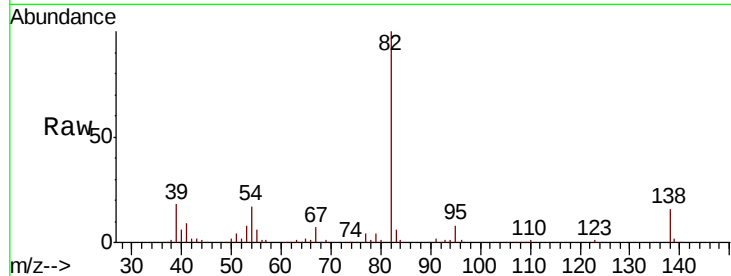
#25
Isophorone
Concen: 44.107 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

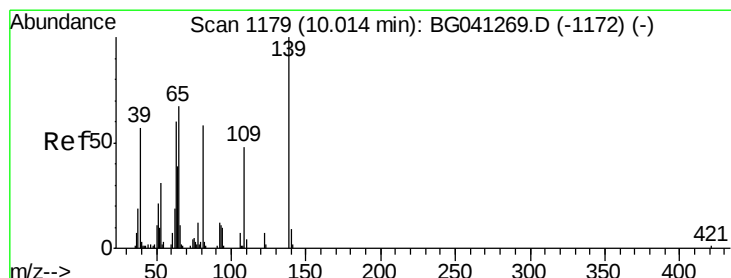
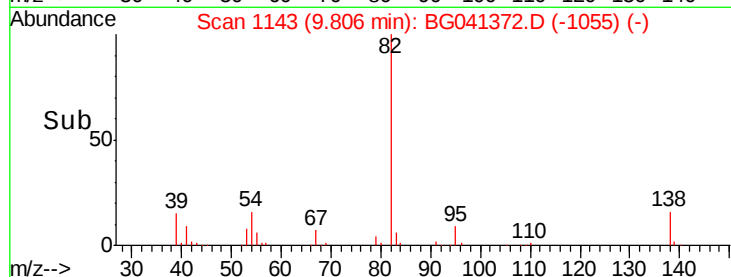
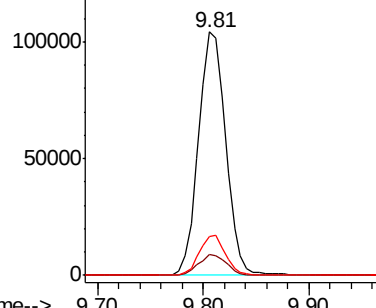
Tot Ion	Ratio	Resp	Lower	Upper
82	100	185927		
95	8.4	6.6	10.0	
138	16.1	12.3	18.5	

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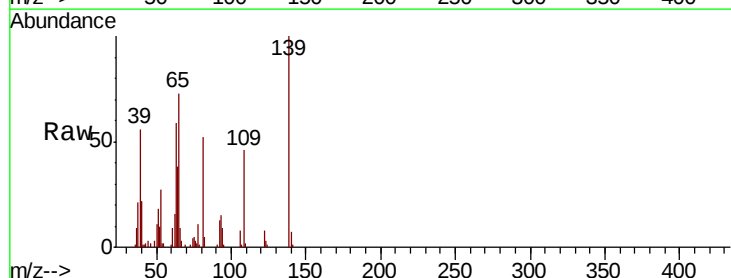


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

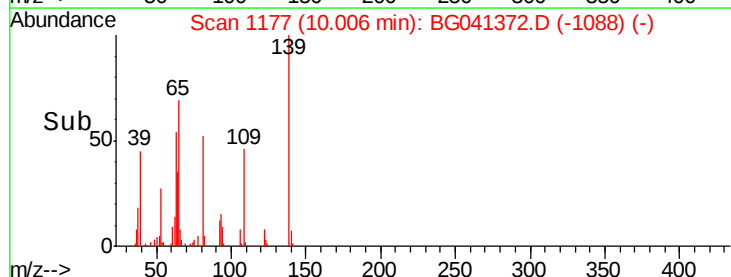
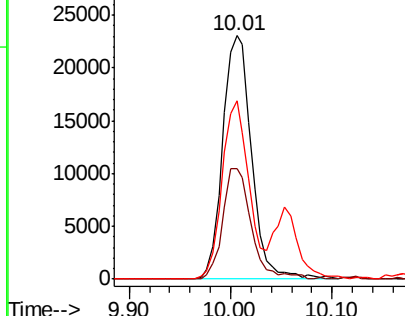


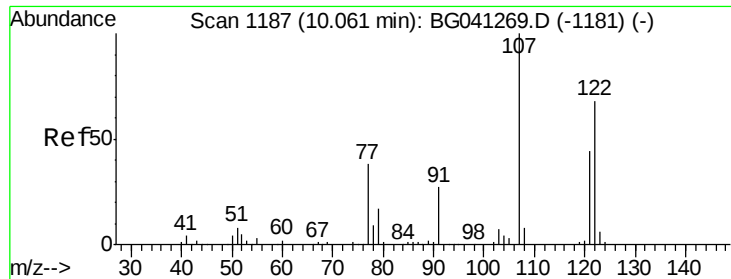
#26
2-Nitrophenol
Concen: 48.494 ng
RT: 10.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	45432		
109	45.6	38.4	57.6	
65	73.4	53.6	80.4	



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





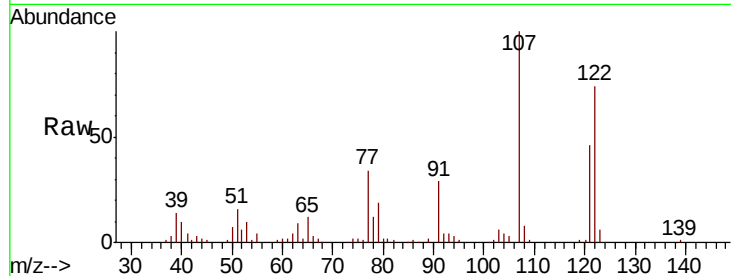
#27
2,4-Dimethylphenol
Concen: 52.274 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.5	115.1	172.7
121	61.7	50.1	75.1

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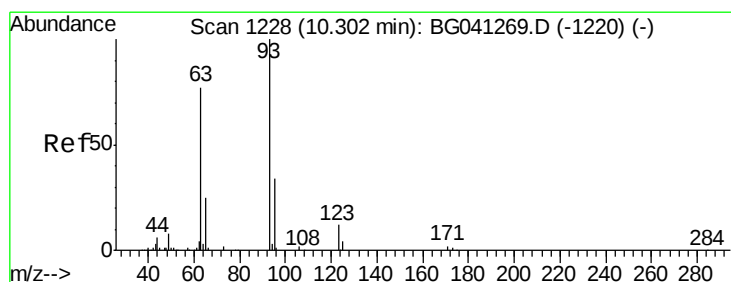
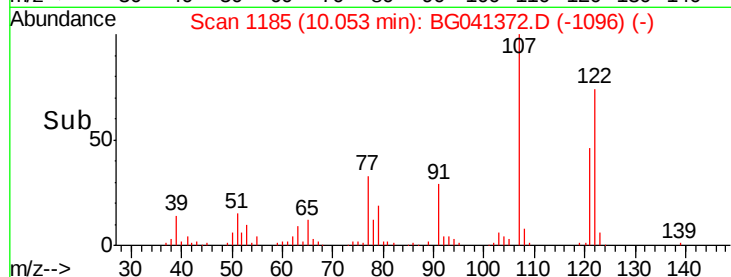
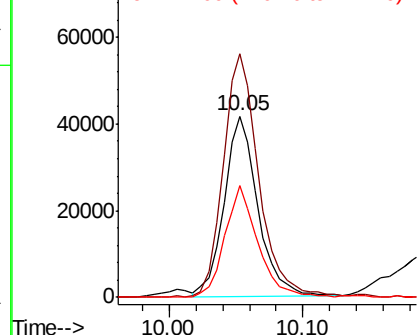


Abundance

Ion 122.00 (121.70 to 122.70): E

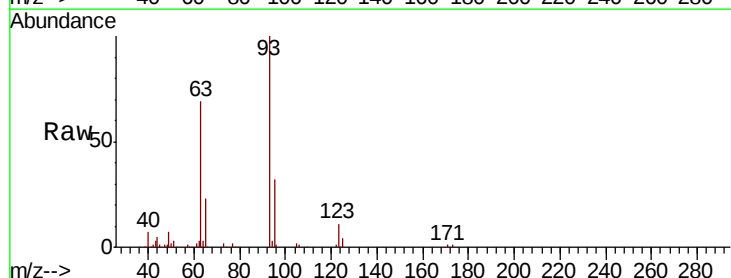
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.888 ng
RT: 10.29 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.3	40.9
123	11.3	9.6	14.4

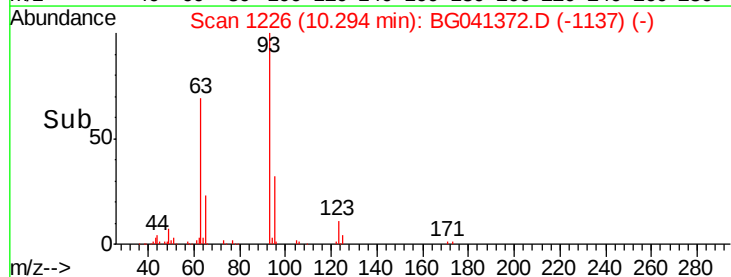
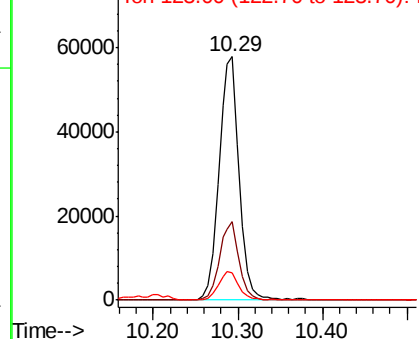


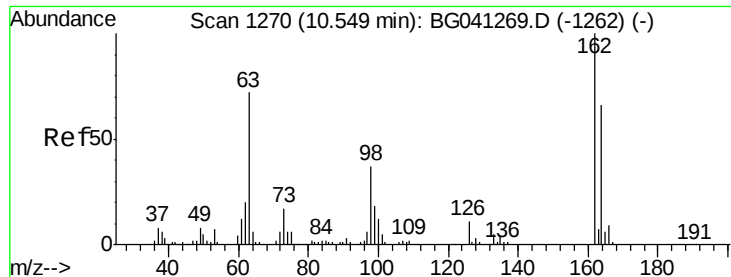
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





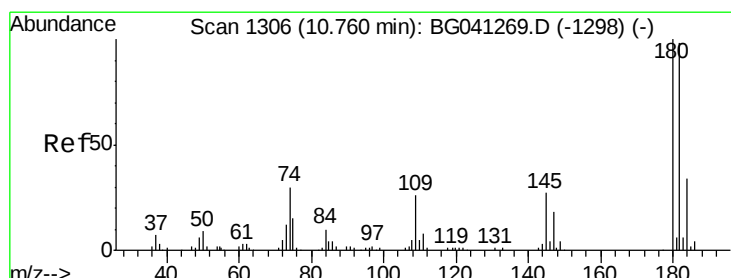
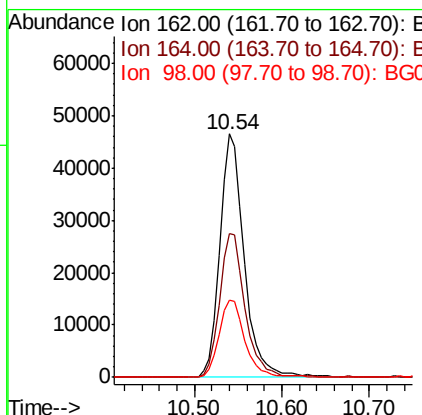
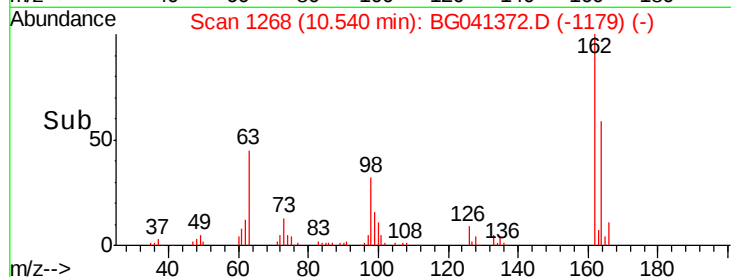
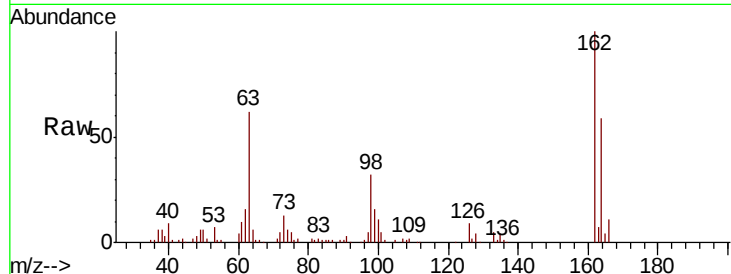
#29
 2,4-Dichlorophenol
 Concen: 51.433 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Tot Ion:	162	Resp:	89556
Ion Ratio	Lower	Upper	
162	100		
164	59.2	46.0	86.0
98	31.8	17.4	57.4

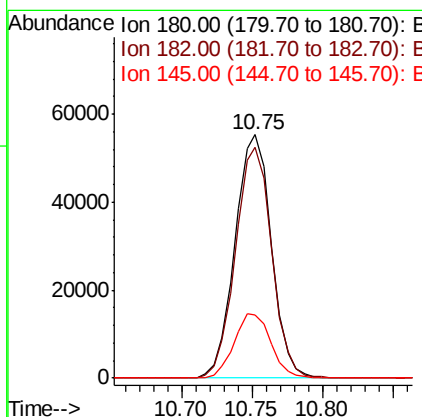
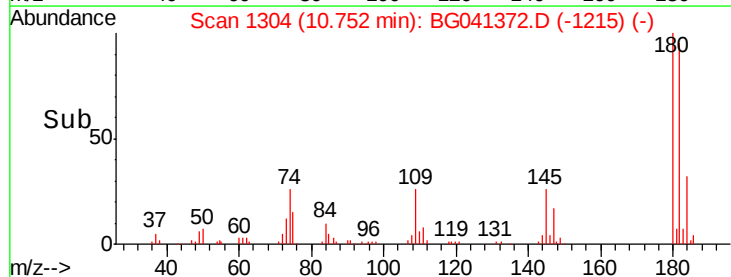
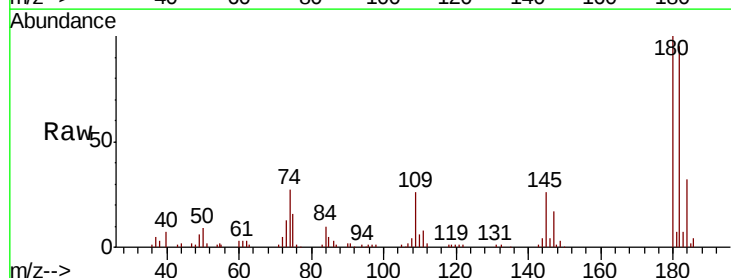
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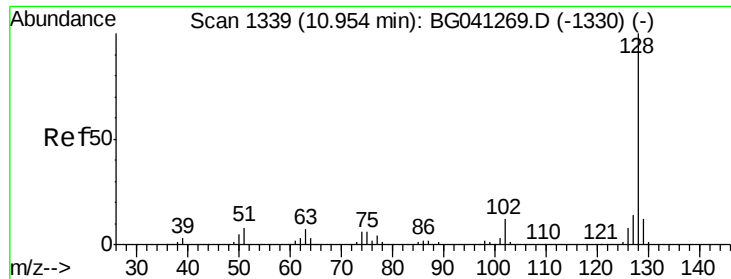
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.628 ng
 RT: 10.75 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion:	180	Resp:	99521
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.6	117.8
145	26.2	21.7	32.5





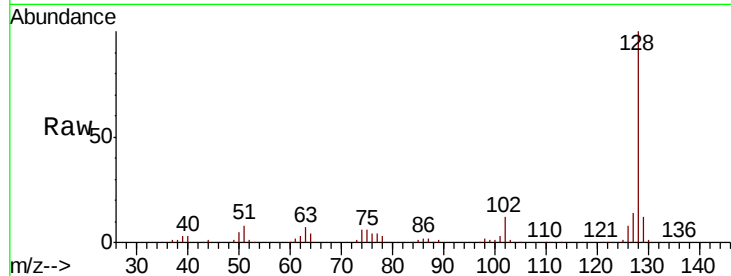
#31
Naphthalene
Concen: 46.011 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	14.0	11.2	16.8

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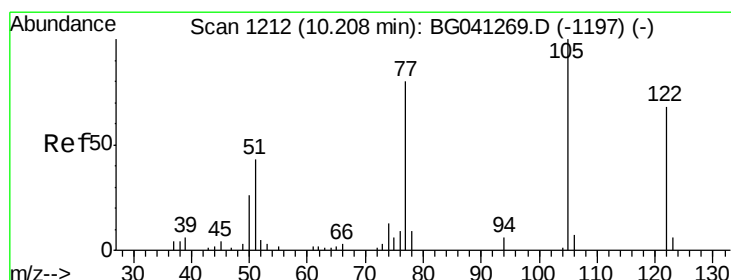
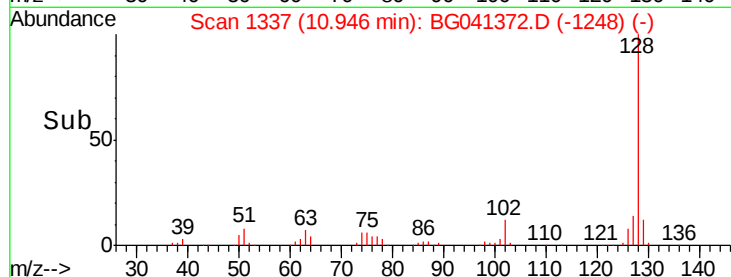
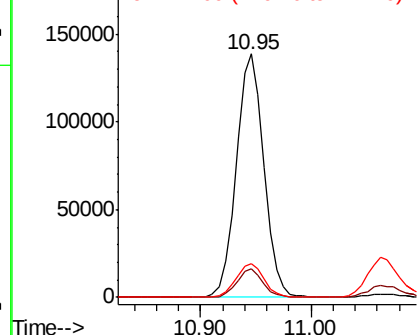


Abundance

Ion 128.00 (127.70 to 128.70): E

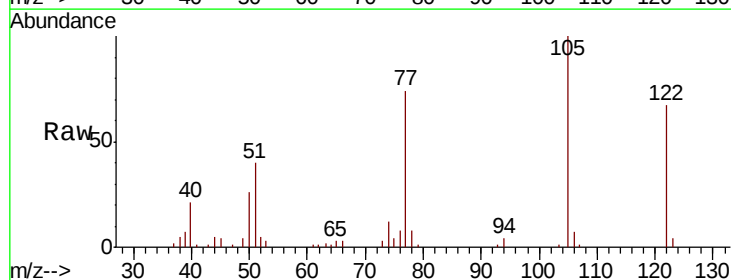
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.092 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	149.5	124.2	164.2
77	111.1	97.2	137.2

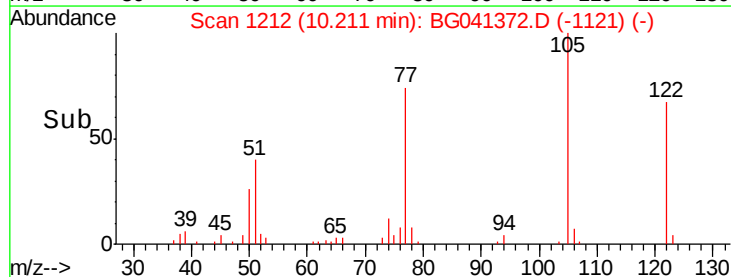
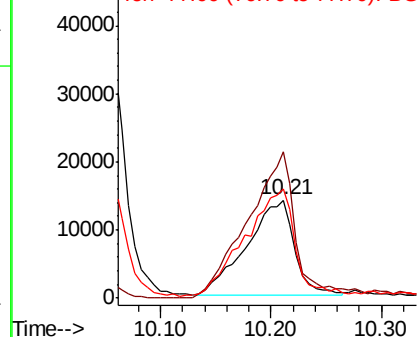


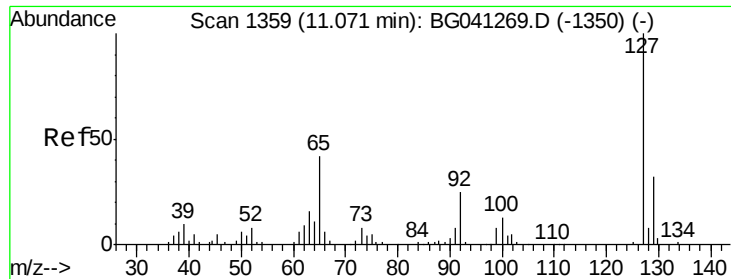
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





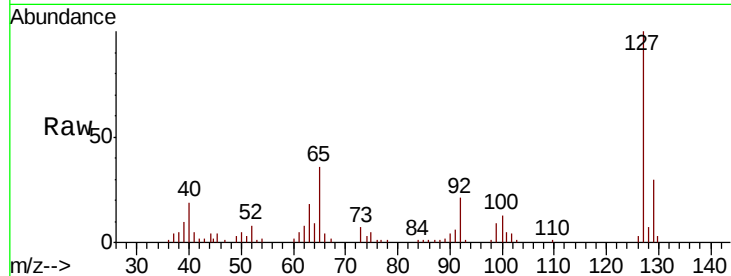
#33
4-Chloroaniline
Concen: 21.128 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		47125		
129	30.2	25.8	38.8		
65	36.3	33.8	50.8		
92	20.8	20.2	30.4		

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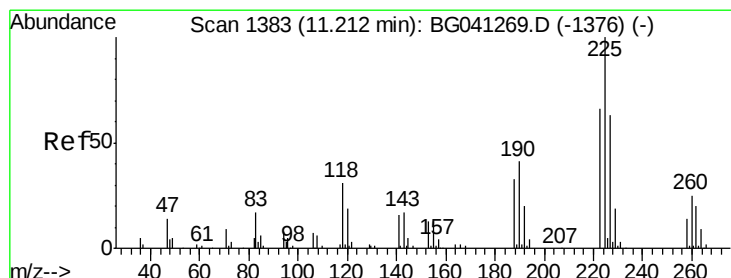
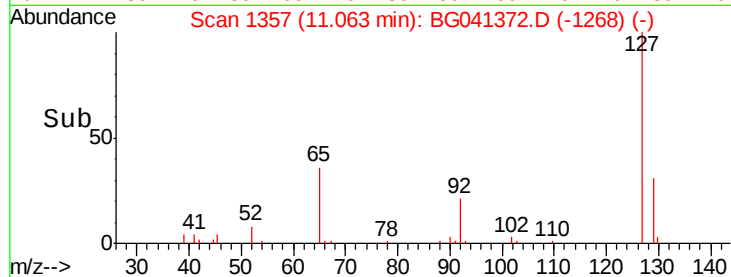
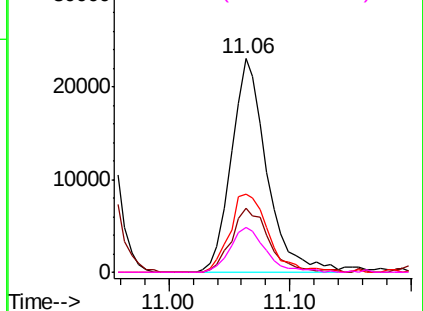
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

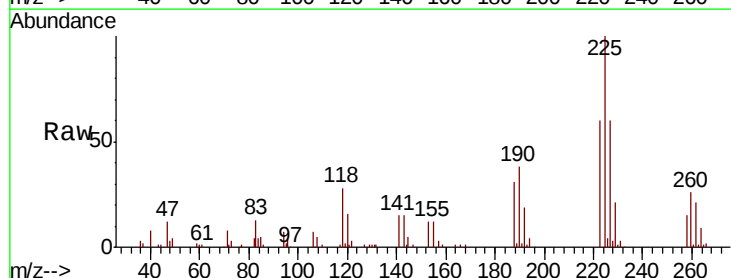
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.420 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		75088		
223	60.2	52.5	78.7		
227	59.7	50.2	75.2		

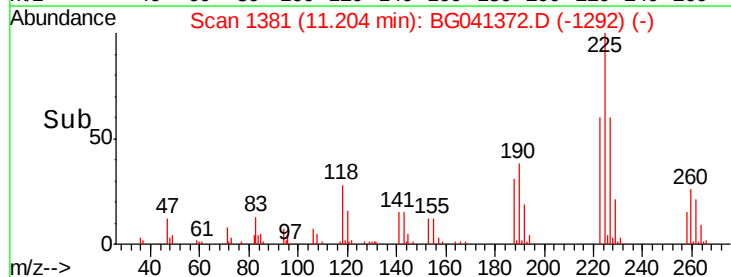
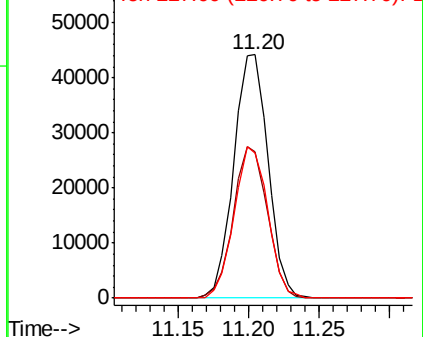


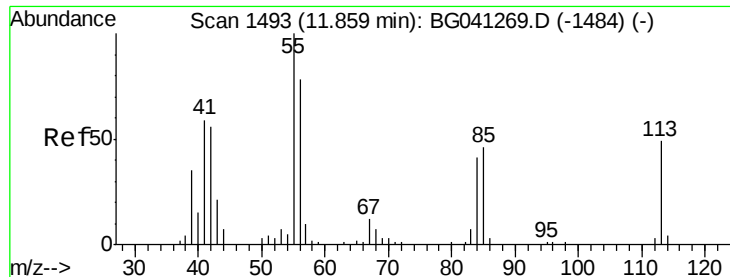
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.079 ng/mL

RT: 11.85 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

ClientSampleId :

PB120612BS

Tot Ion:113 Resp: 25224

Ion Ratio Lower Upper

113 100

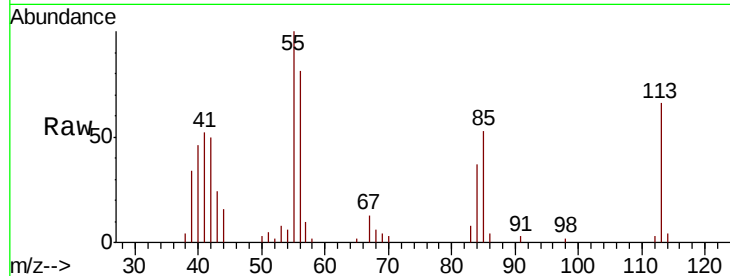
55 152.4 182.6 222.6#

56 123.4 137.5 177.5#

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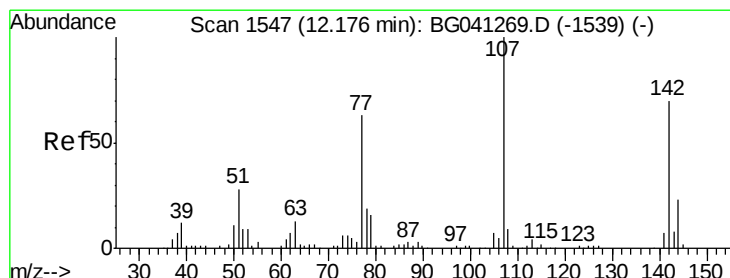
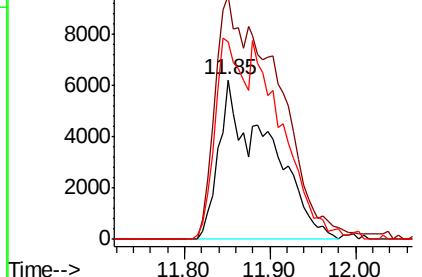
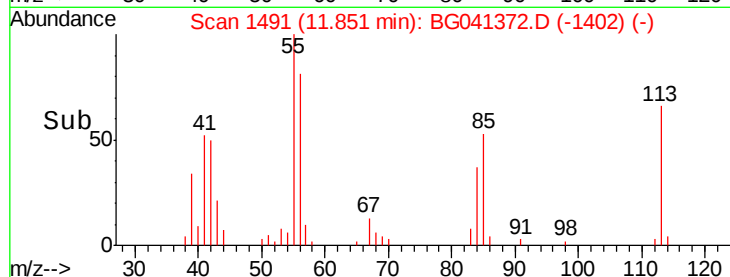
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041269.D (-1484) (-)

Ion 56.00 (55.70 to 56.70): BG041269.D (-1484) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.912 ng/mL

RT: 12.17 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

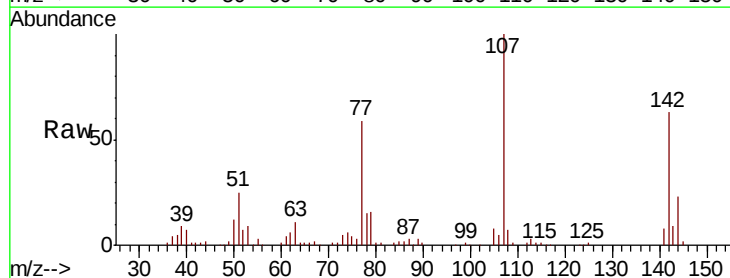
Tgt Ion:107 Resp: 94352

Ion Ratio Lower Upper

107 100

144 22.8 18.5 27.7

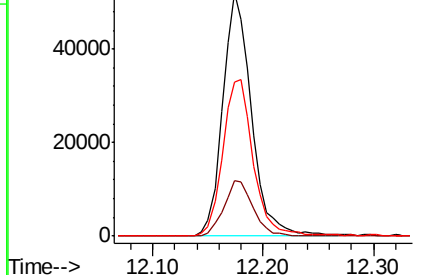
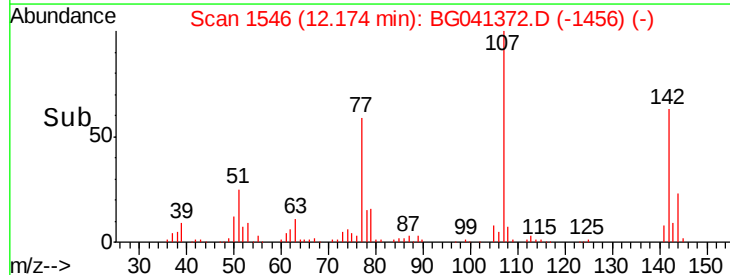
142 63.4 56.3 84.5

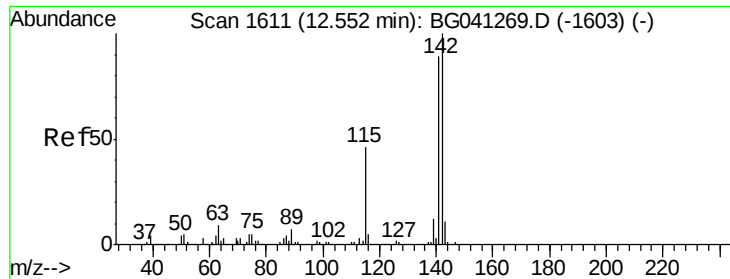


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





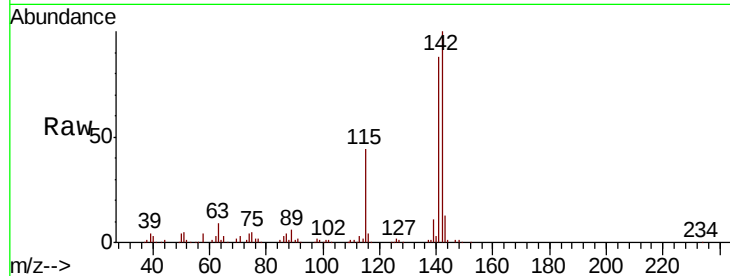
#37
2-Methylnaphthalene
Concen: 46.323 ng
RT: 12.54 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampled :
PB120612BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.5	107.3
115	43.9	37.0	55.6

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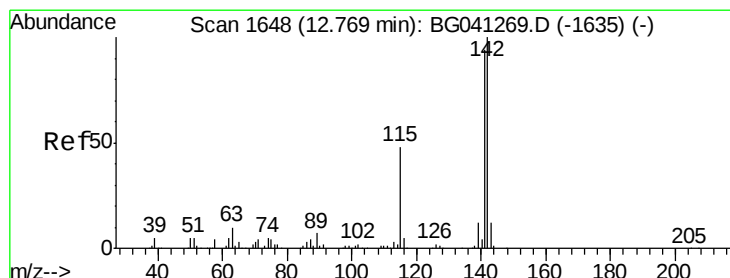
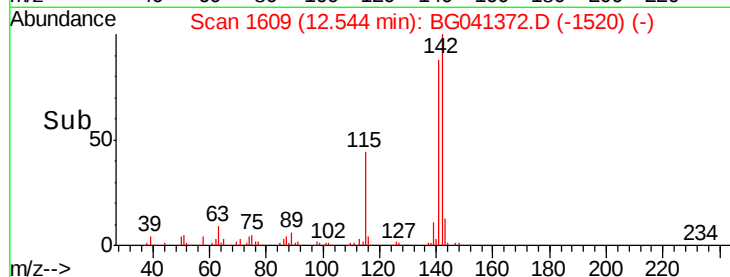
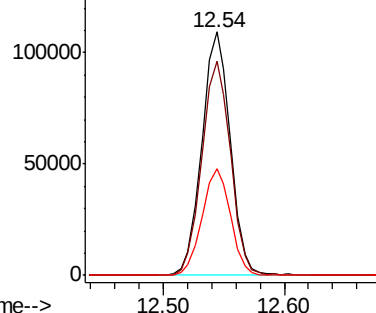


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.566 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

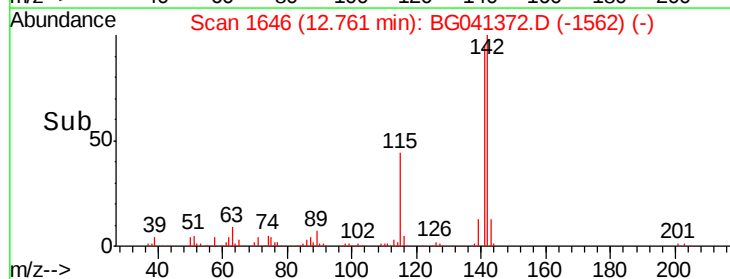
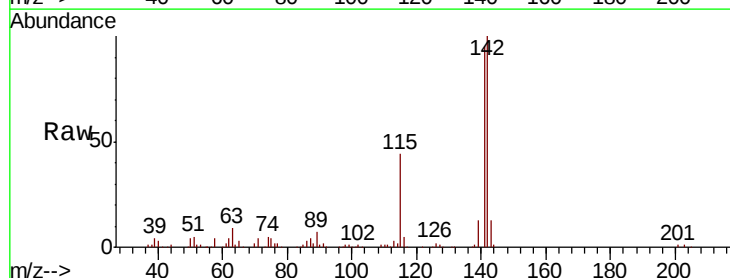
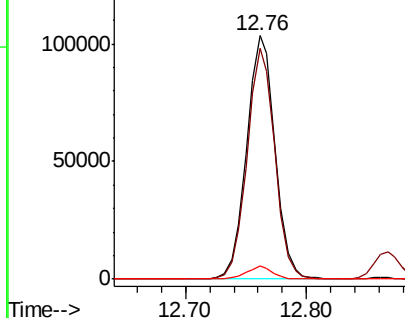
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.0	112.6
116	5.4	4.2	6.2

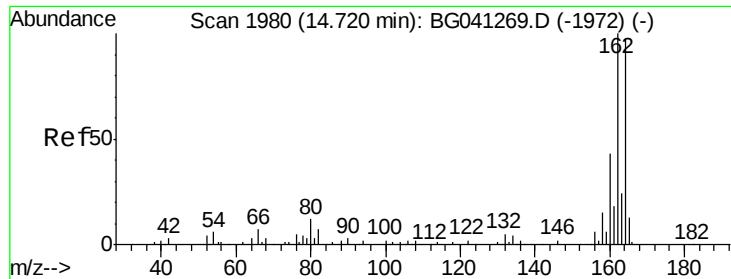
Abundance

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





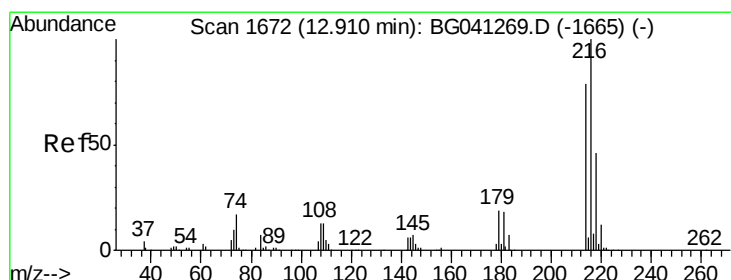
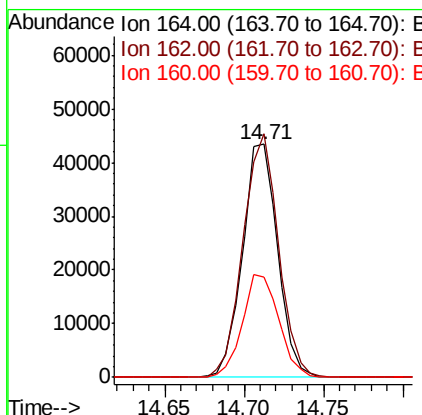
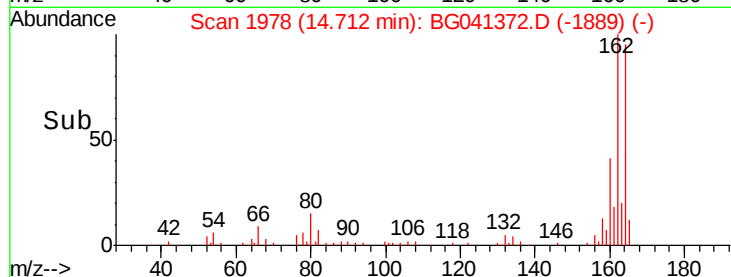
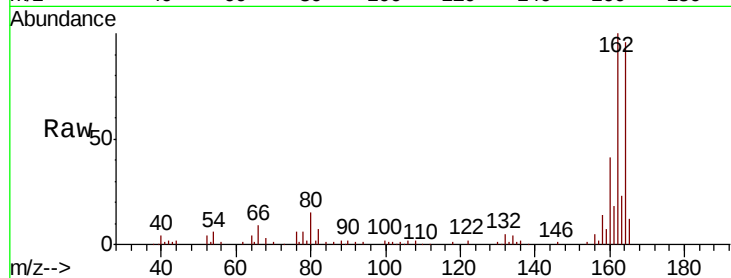
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.8	124.2
160	43.0	35.8	53.8

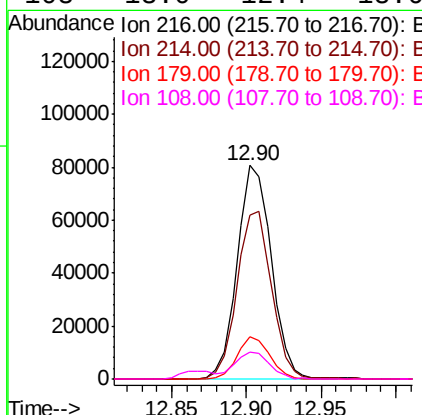
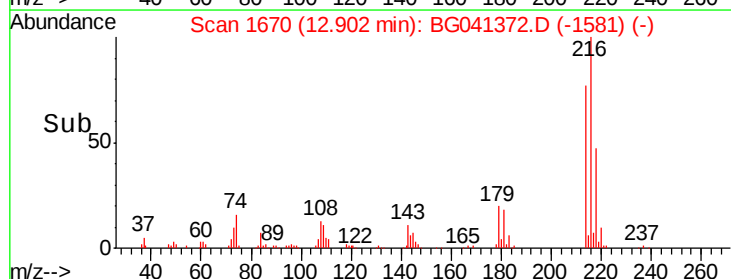
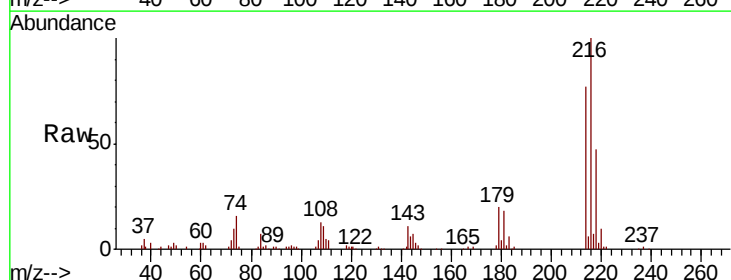
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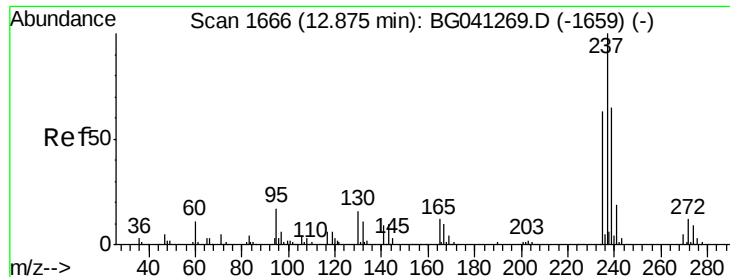
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.470 ng
RT: 12.90 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.8	94.2
179	19.0	15.2	22.8
108	13.0	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 99.892 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

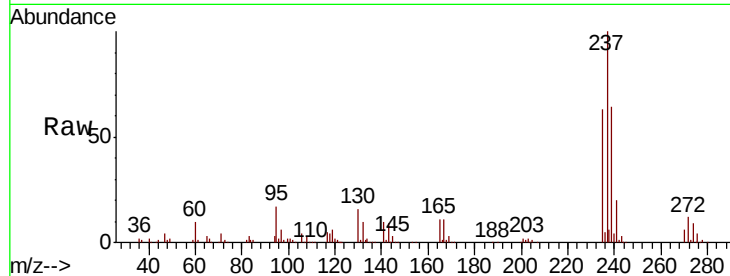
ClientSampleId :

PB120612BS

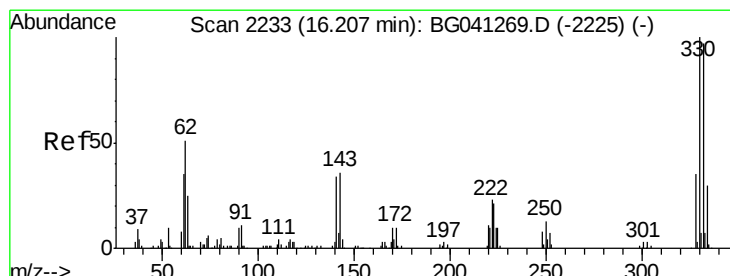
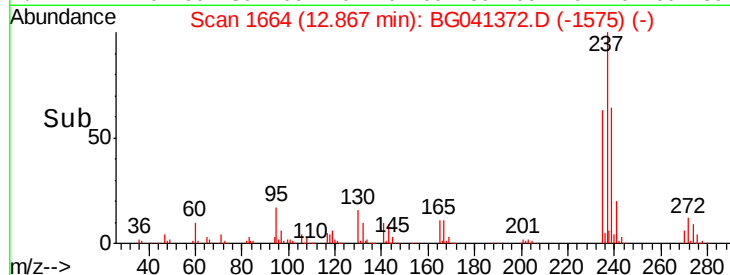
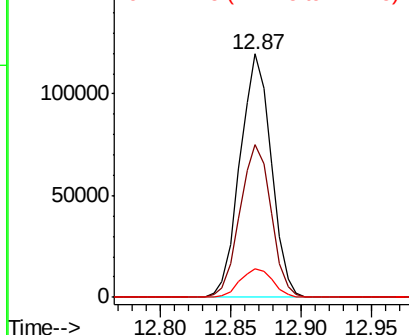
Tot Ion:	237	Resp:	185404
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.9	82.9
272	11.5	0.0	32.0

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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: 131.452 ng

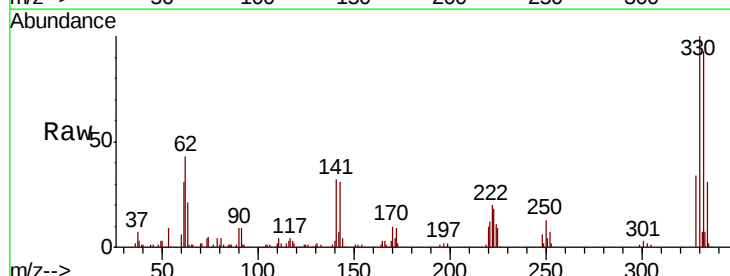
RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

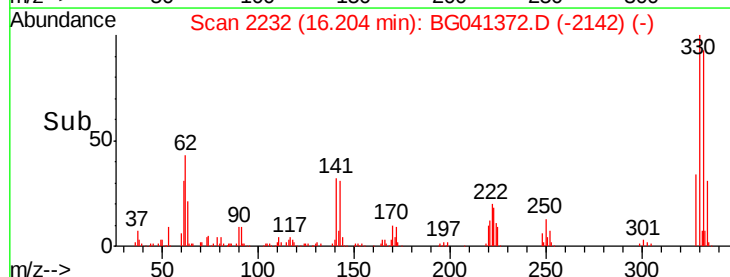
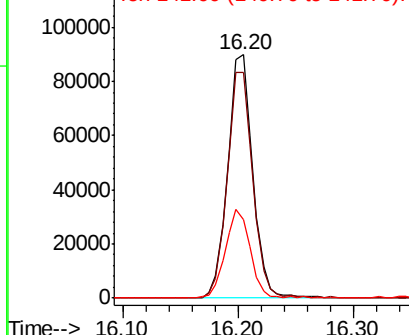
Lab File: BG041372.D

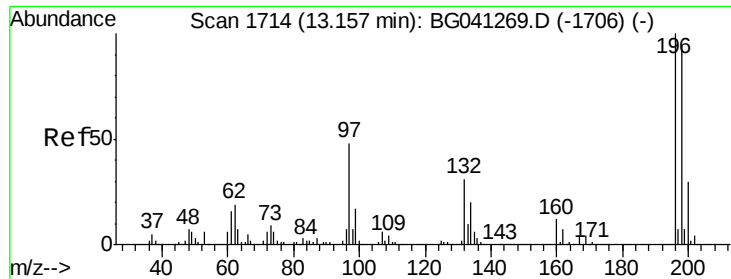
Acq: 21 Jun 2019 10:53

Tgt Ion:	330	Resp:	134664
Ion Ratio	Lower	Upper	
330	100		
332	94.6	75.5	113.3
141	36.0	29.0	43.4



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





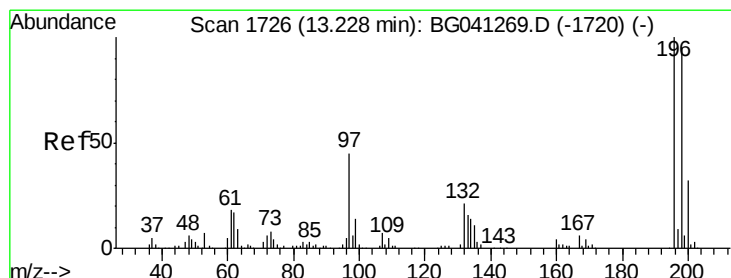
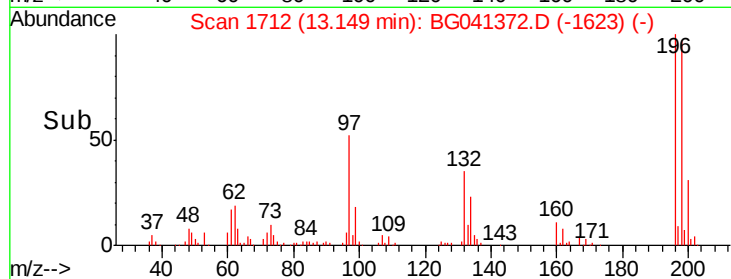
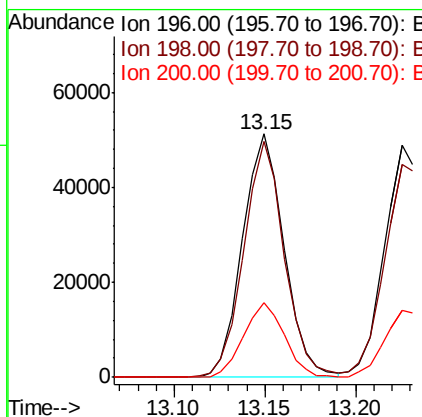
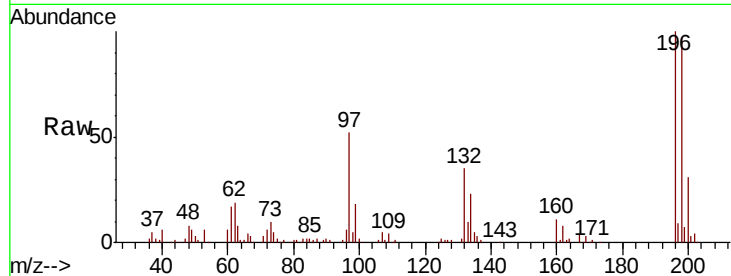
#43
 2,4,6-Trichlorophenol
 Concen: 47.837 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	81540		
198	96.7	74.9	112.3	
200	30.9	24.2	36.2	

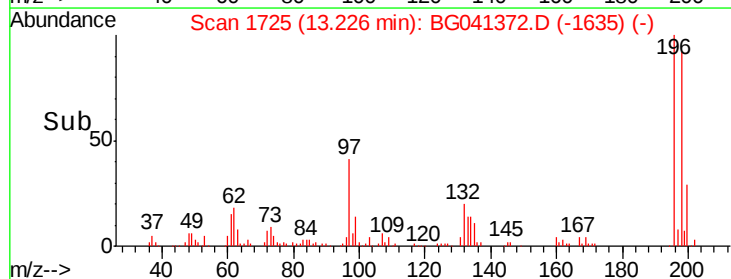
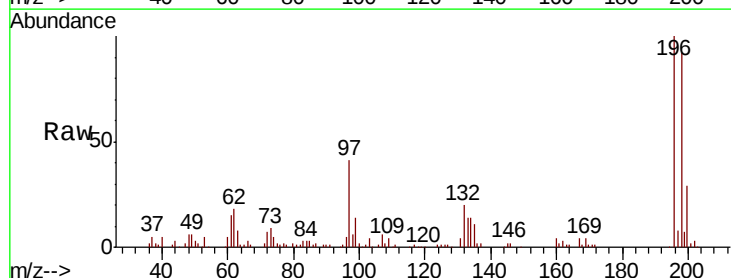
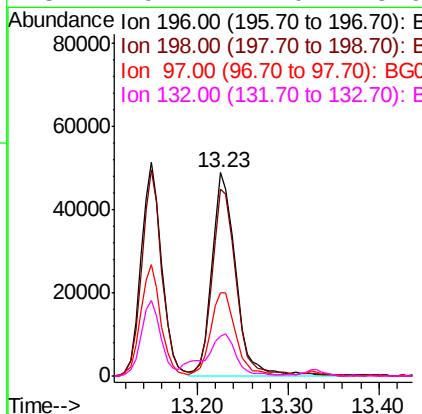
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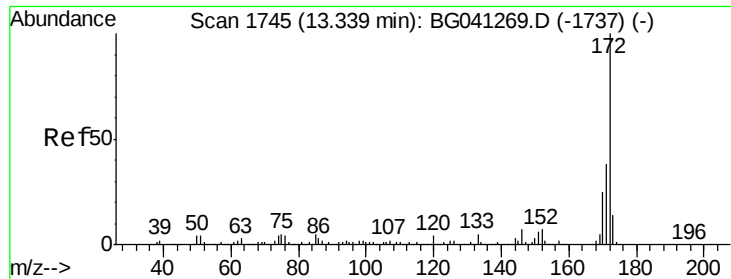
mohammad
 6/25/2019 3:20:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.221 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89835		
198	91.7	76.1	114.1	
97	41.2	35.9	53.9	
132	19.7	17.0	25.6	





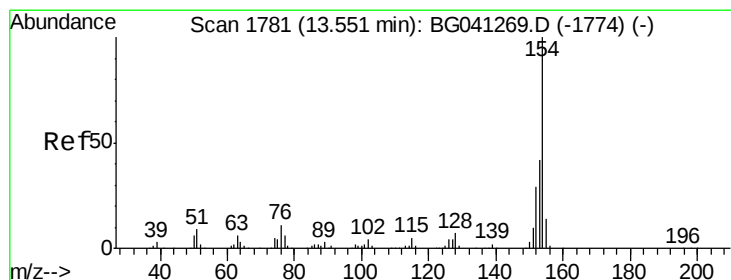
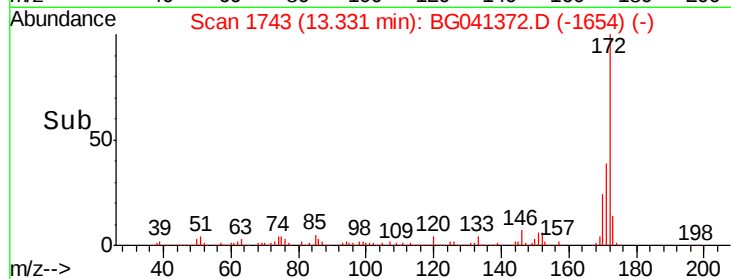
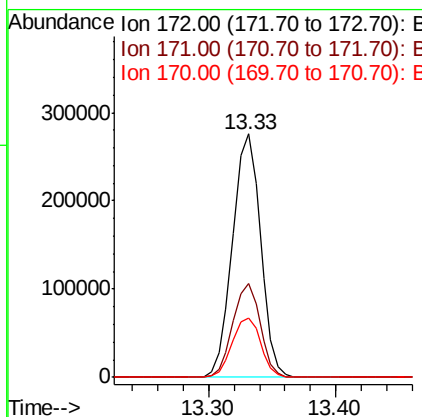
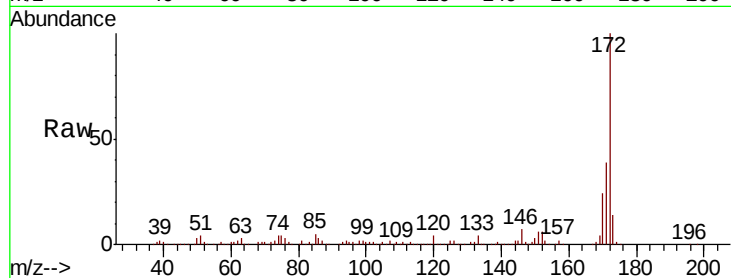
#45
2-Fluorobiphenyl
Concen: 85.852 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	421500		
171	38.8	30.0	45.0	
170	24.4	19.8	29.6	

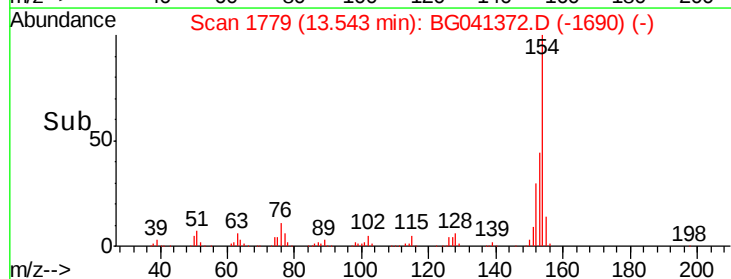
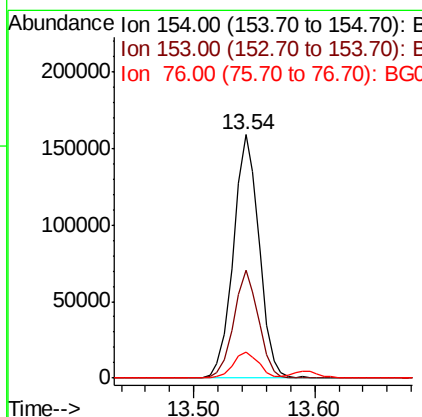
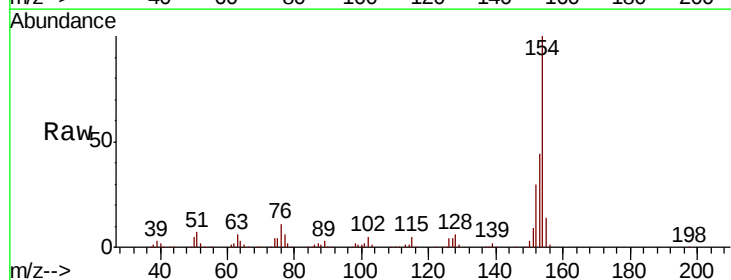
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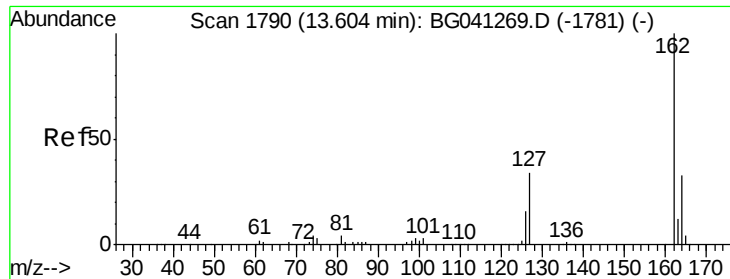
mohammad
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#46
1,1'-Biphenyl
Concen: 46.695 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	235563		
153	44.1	22.3	62.3	
76	10.6	0.0	30.8	





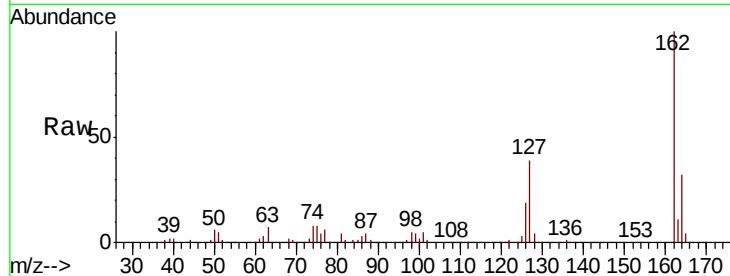
#47
 2-Chloronaphthalene
 Concen: 44.696 ng
 RT: 13.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.6	31.0	46.4
164	32.2	26.1	39.1

Manual Integrations
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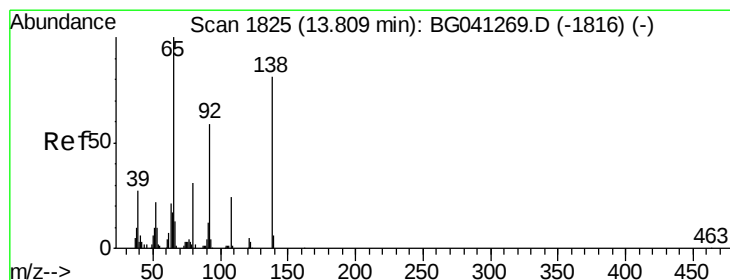
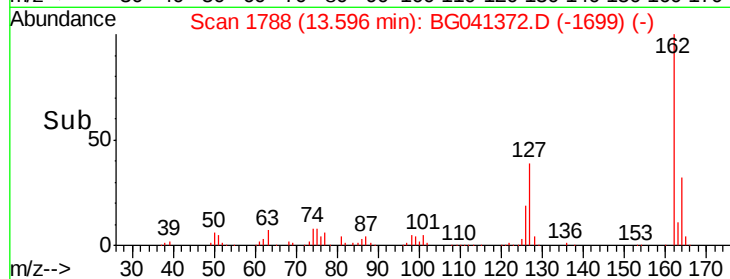
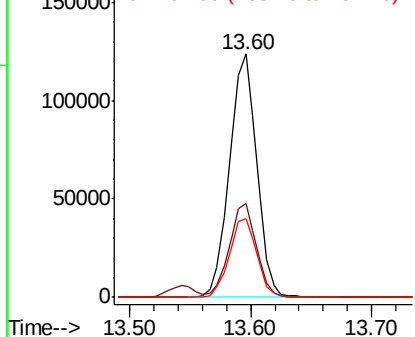


Abundance

Ion 162.00 (161.70 to 162.70): E

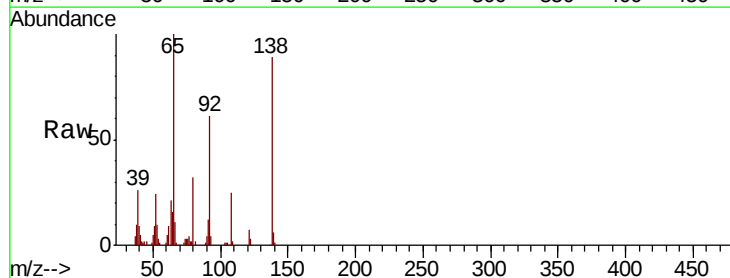
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.604 ng
 RT: 13.81 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	61.0	47.4	71.2
138	88.6	64.7	97.1

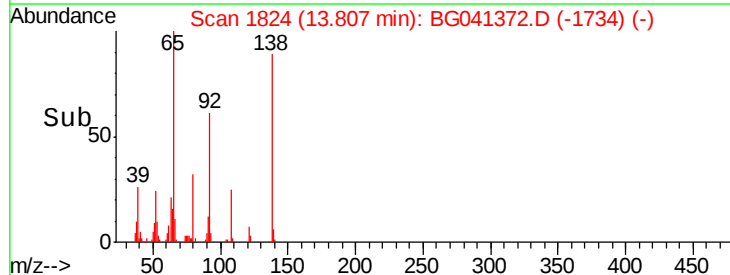
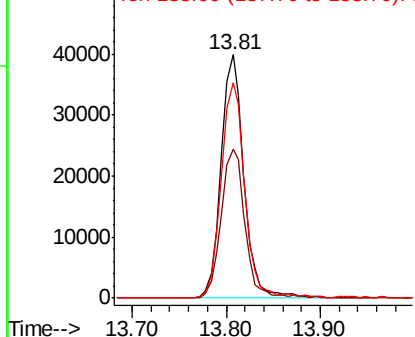


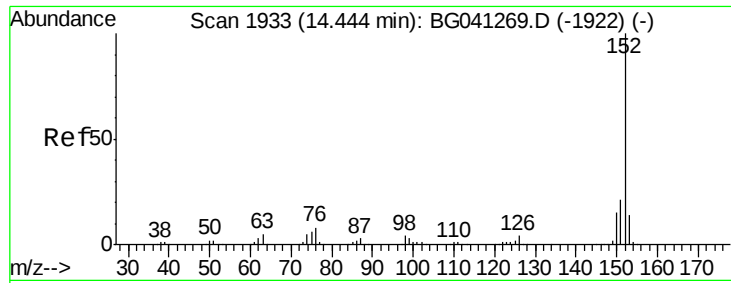
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





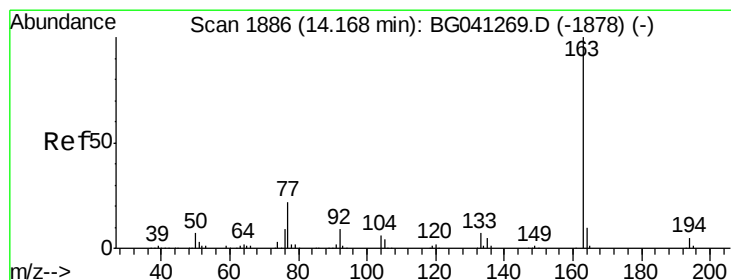
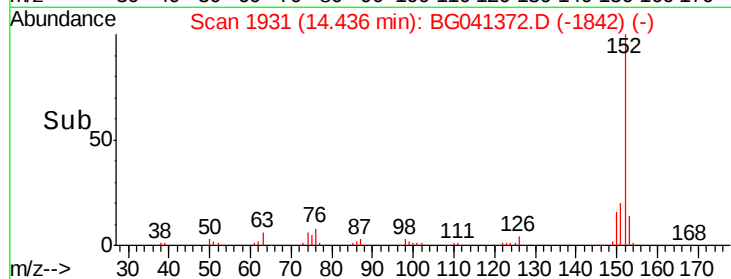
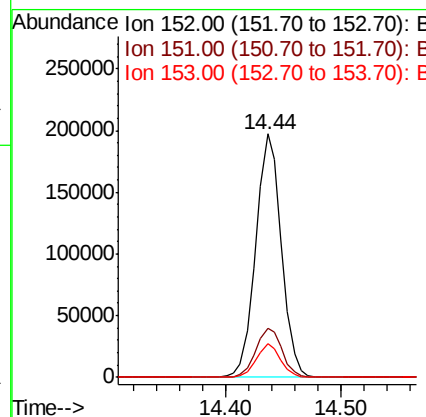
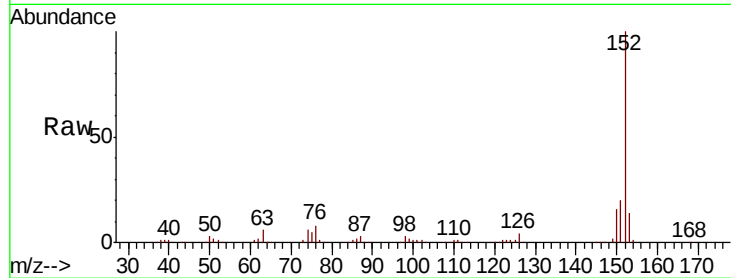
#49
Acenaphthylene
Concen: 46.222 ng
RT: 14.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion:	152	Resp:	304632
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	13.9	10.8	16.2

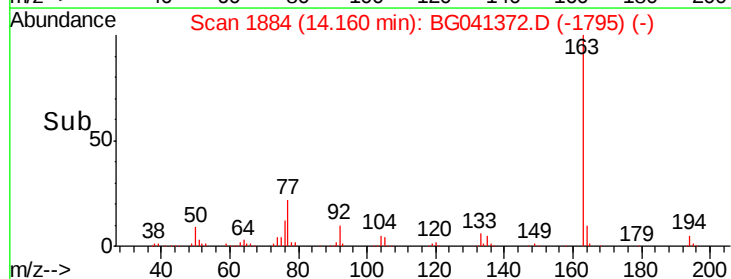
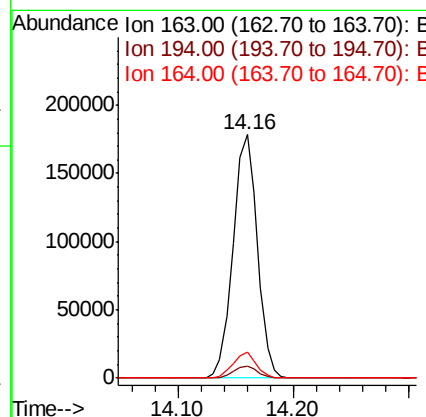
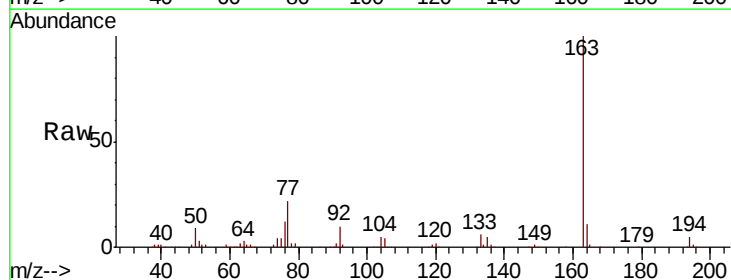
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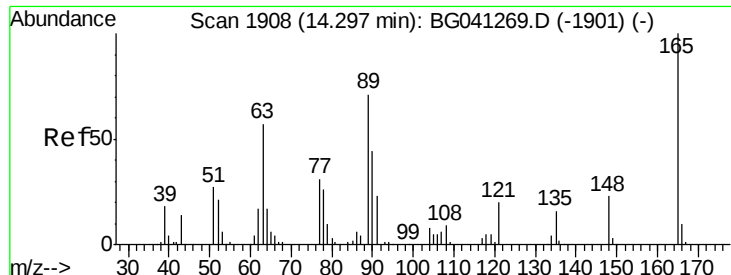
mohammad
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#50
Dimethylphthalate
Concen: 43.658 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:	163	Resp:	259210
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.9	5.9
164	10.5	8.3	12.5





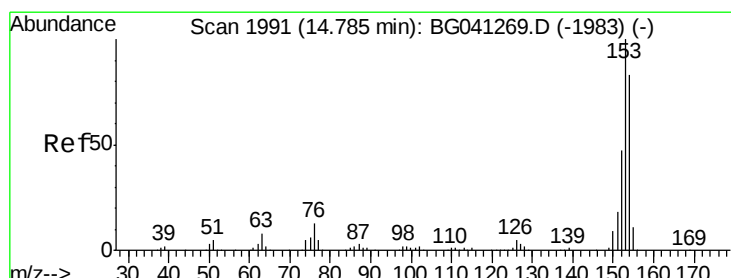
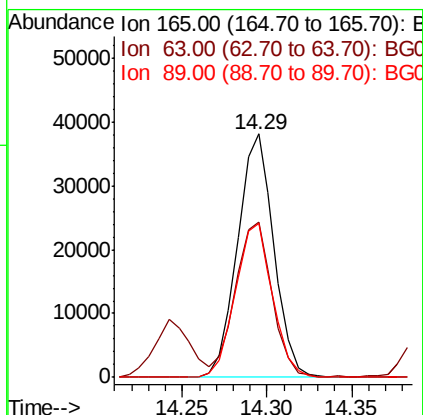
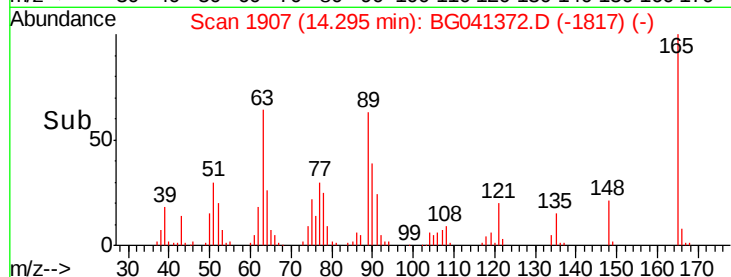
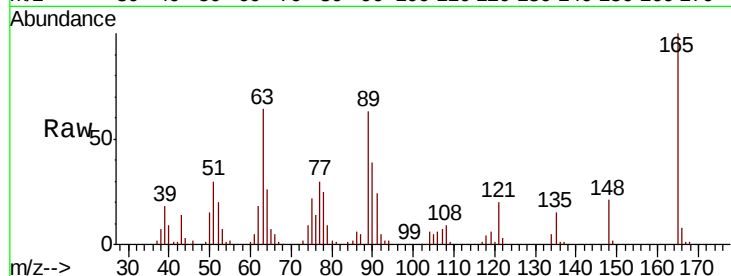
#51
2,6-Dinitrotoluene
Concen: 45.309 ng
RT: 14.29 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	56723		
63	64.0		55.4	83.0
89	63.4		56.5	84.7

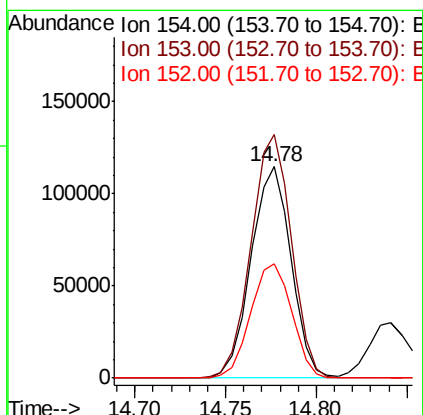
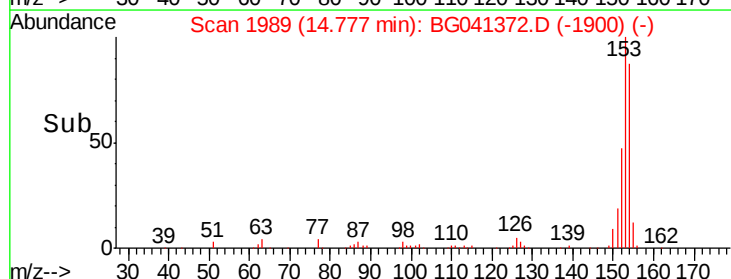
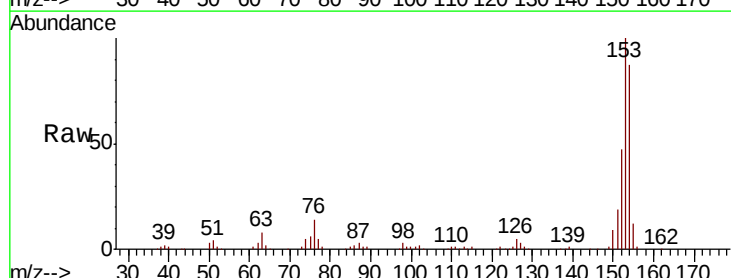
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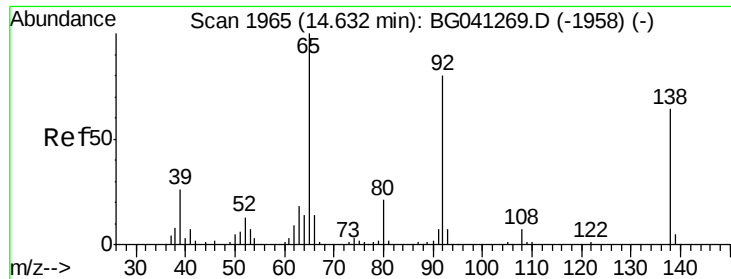
mohammad
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#52
Acenaphthene
Concen: 45.409 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	175736		
153	115.1		96.6	145.0
152	54.3		45.5	68.3





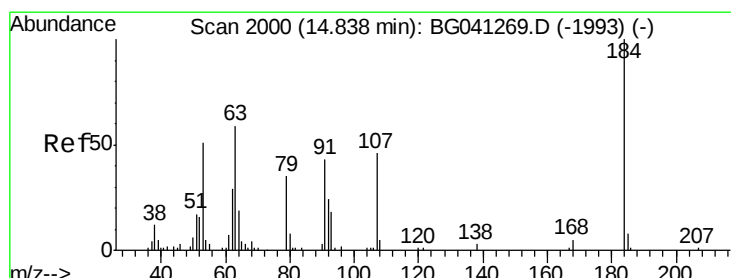
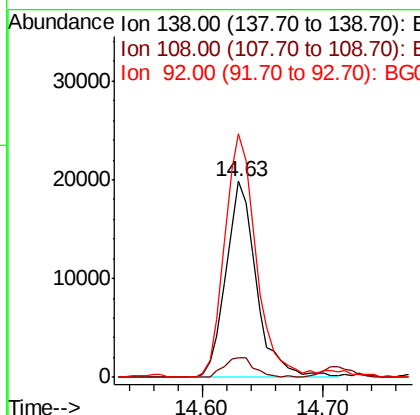
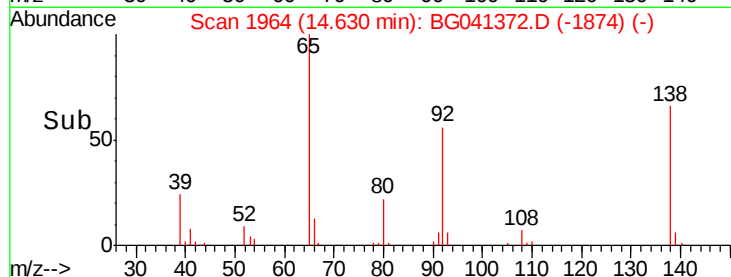
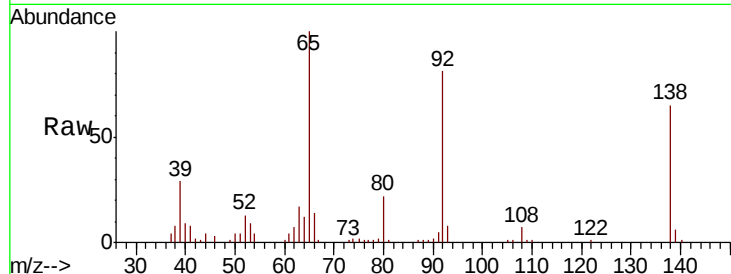
#53
3-Nitroaniline
Concen: 28.076 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion:138 Resp: 34629
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 124.3 100.2 150.4

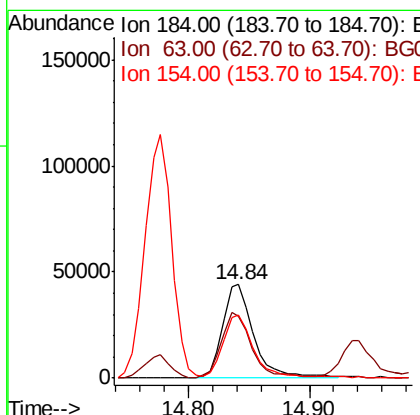
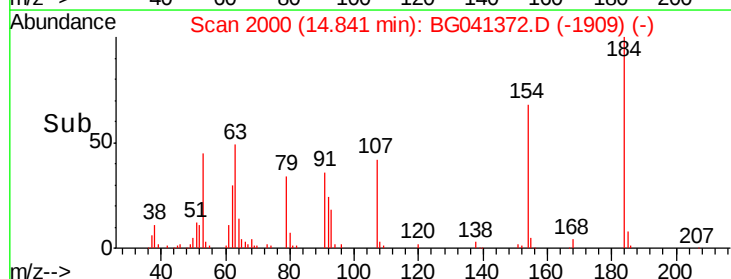
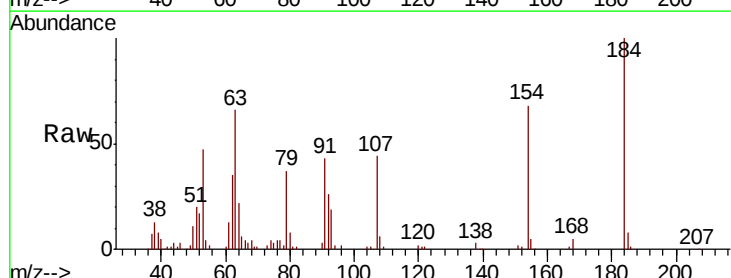
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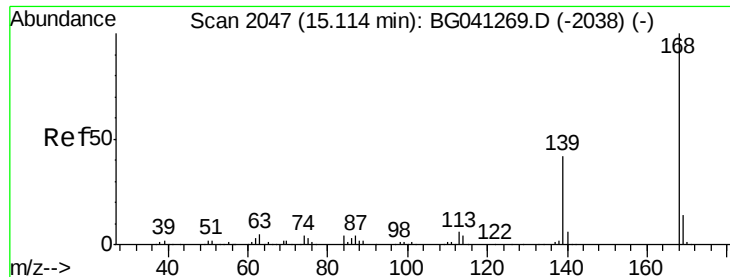
mohammad
6/25/2019 3:20:04 PM



#54
2,4-Dinitrophenol
Concen: 86.663 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion:184 Resp: 78398
Ion Ratio Lower Upper
184 100
63 66.3 60.0 90.0
154 67.9 58.3 87.5





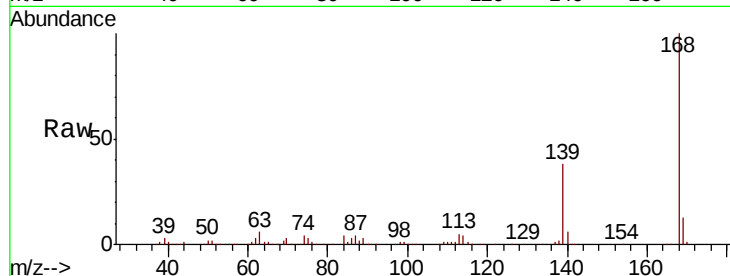
#55
Dibenzenofuran
Concen: 45.902 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampled :
PB120612BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	33.6	50.4
169	13.4	10.8	16.2

Manual Integrations
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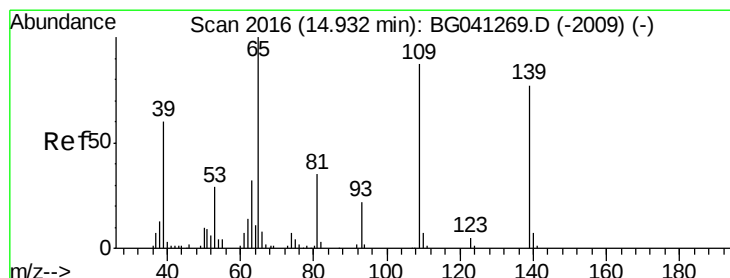
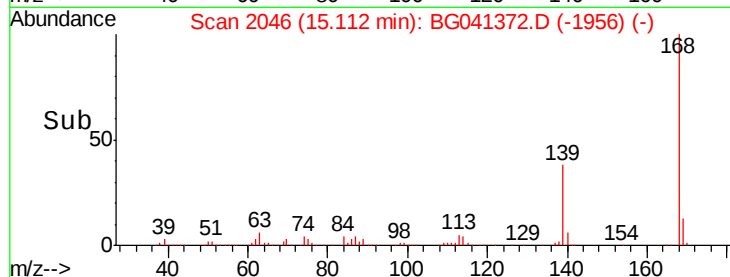
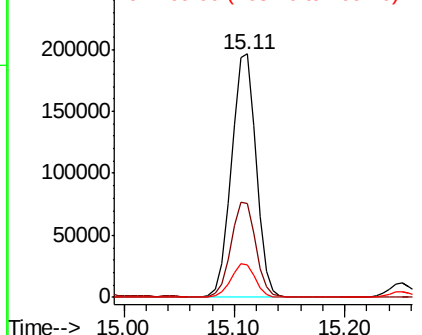


Abundance

Ion 168.00 (167.70 to 168.70): E

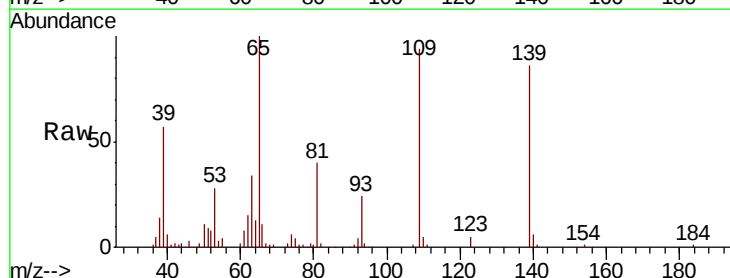
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 89.428 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.7	93.2	133.2
65	116.1	110.2	150.2

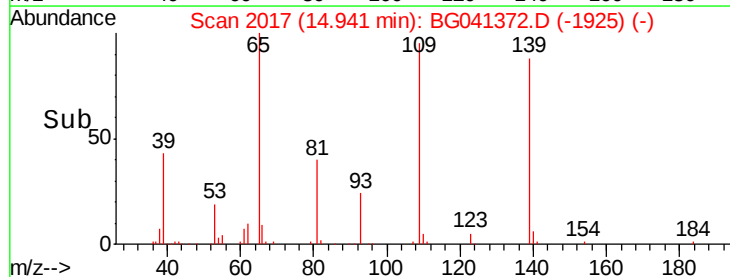
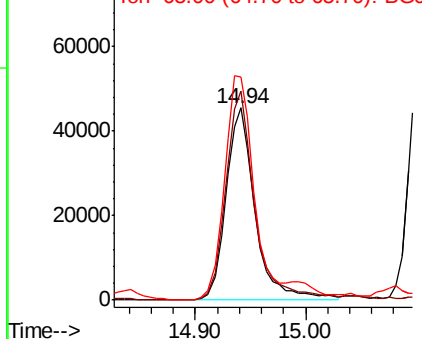


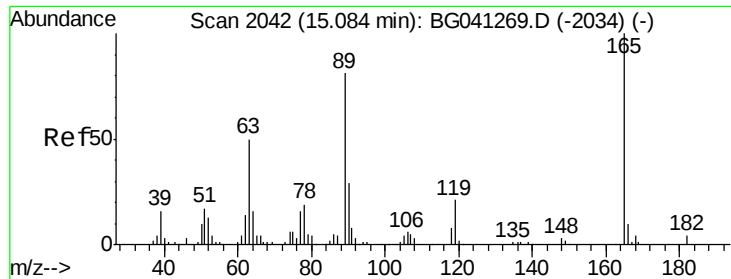
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





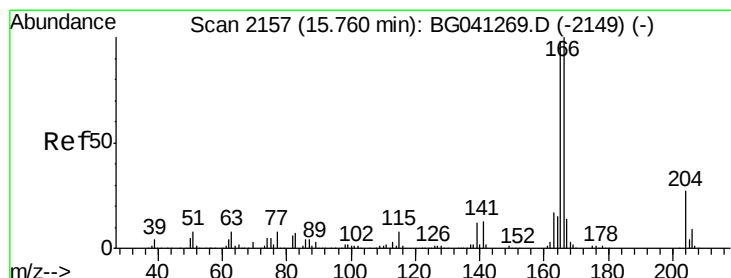
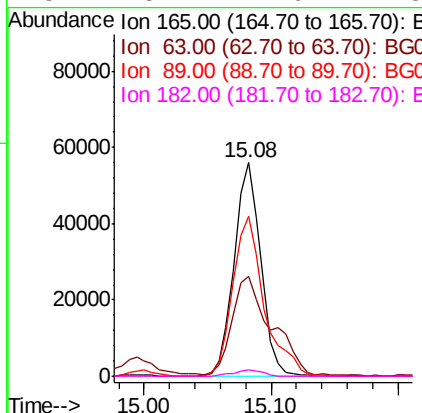
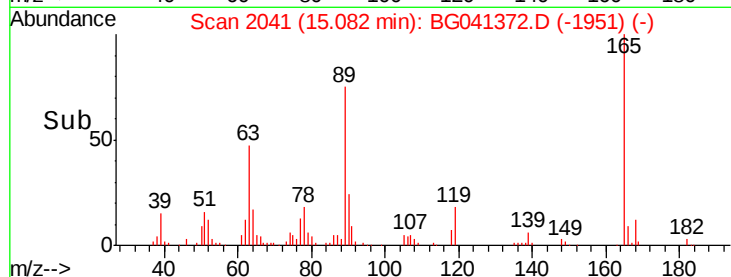
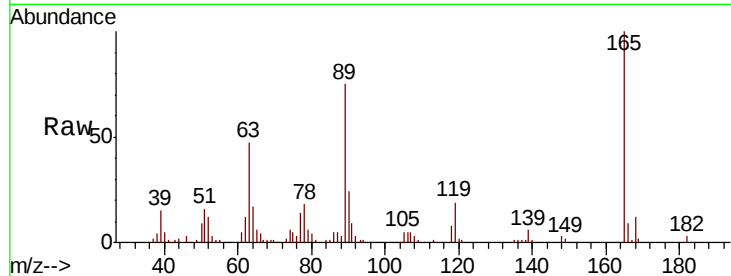
#57
2,4-Dinitrotoluene
Concen: 44.221 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		80926		
63	47.0	40.0	60.0		
89	74.9	64.6	96.8		
182	3.2	2.9	4.3		

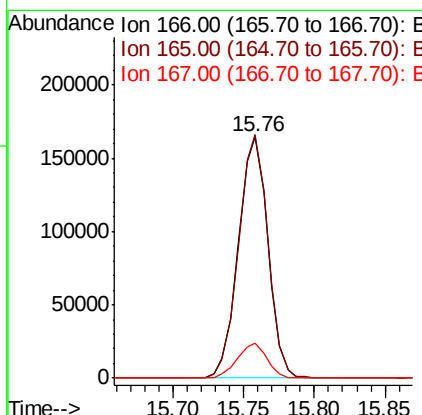
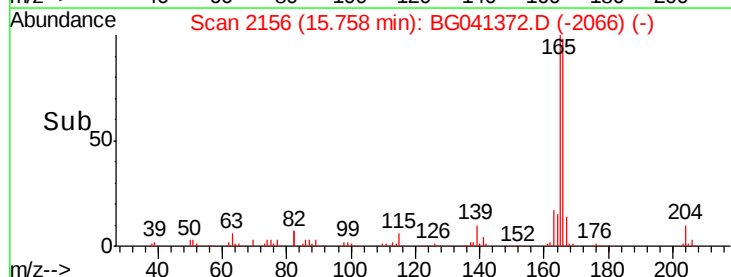
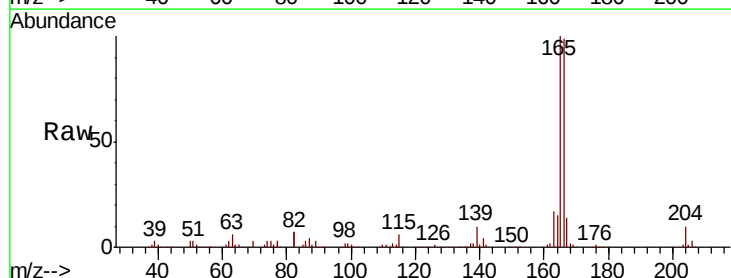
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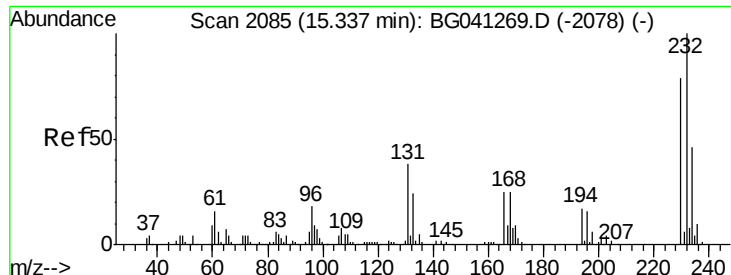
mohammad
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#58
Fluorene
Concen: 45.483 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		240751		
165	101.0	78.8	118.2		
167	14.4	11.3	16.9		





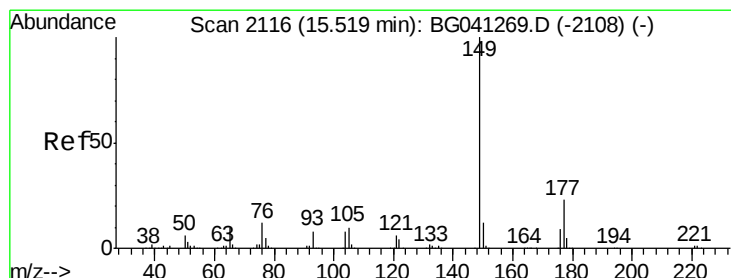
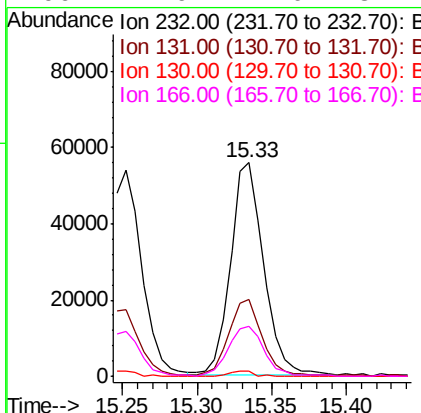
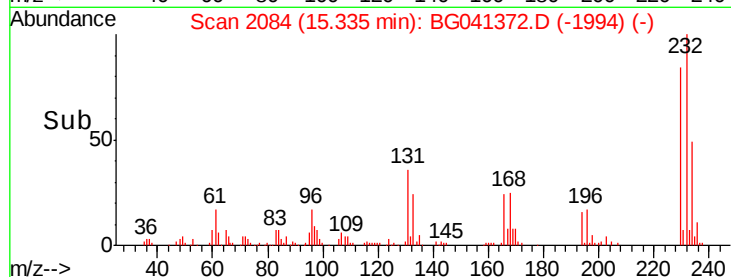
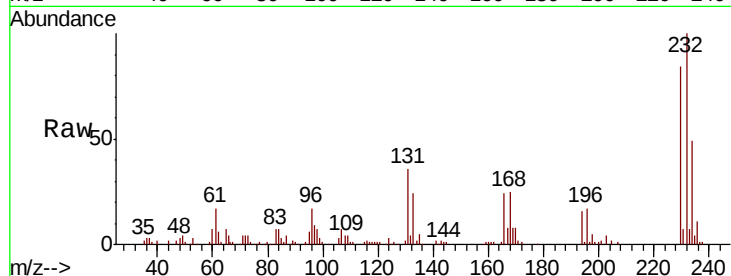
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.537 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		86217		
131	35.6	29.0	43.6		
130	1.8	1.6	2.4		
166	24.6	21.0	31.4		

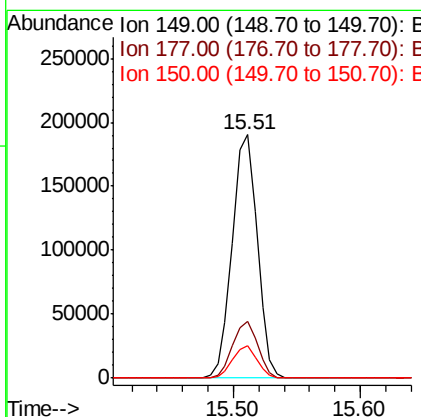
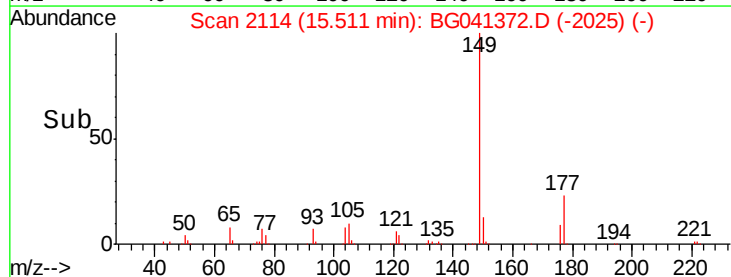
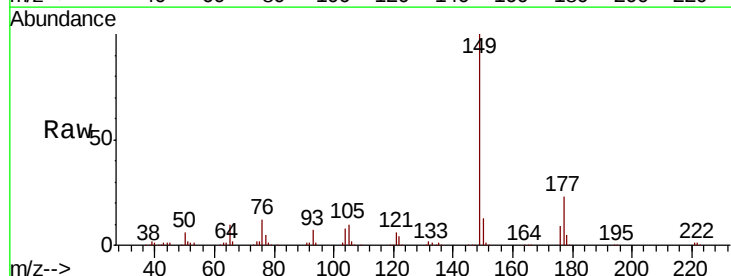
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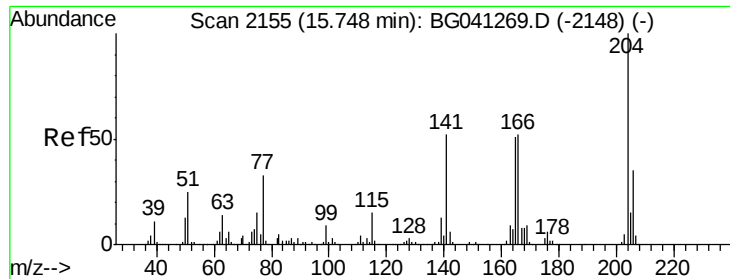
mohammad
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#60
Diethylphthalate
Concen: 43.166 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		260496		
177	23.1	18.4	27.6		
150	13.1	9.9	14.9		





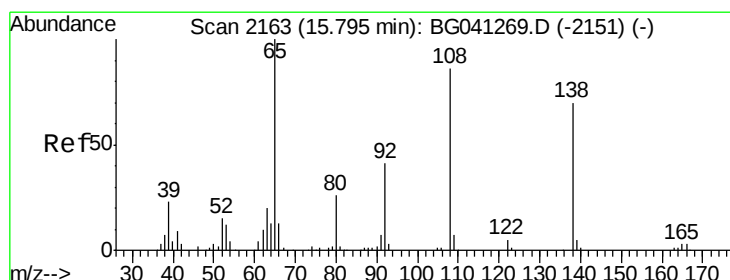
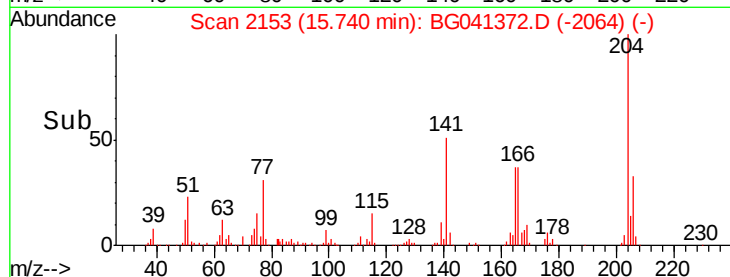
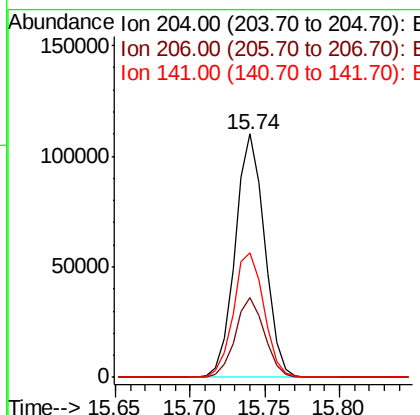
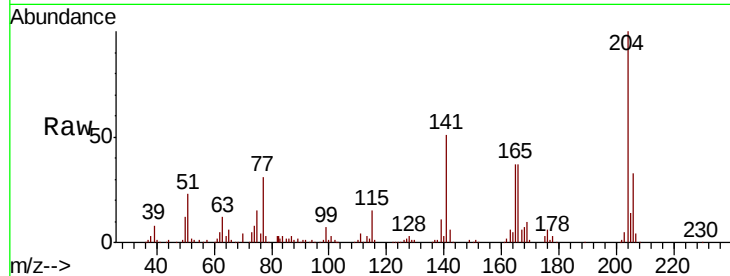
#61
 4-Chlorophenyl-phenylether
 Concen: 43.938 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.0	27.9	41.9	
141	51.2	41.4	62.0	

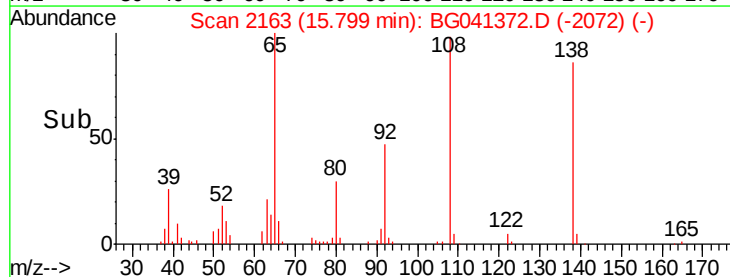
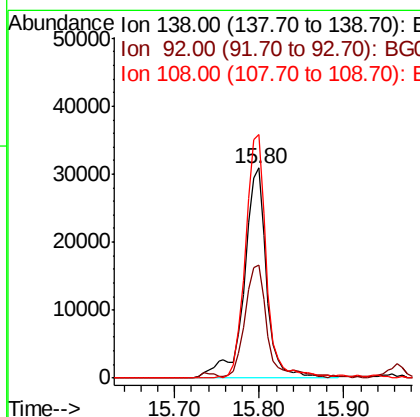
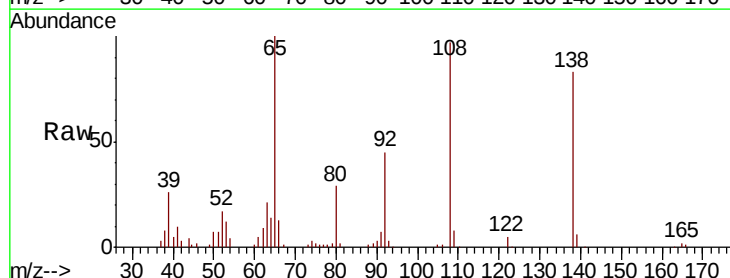
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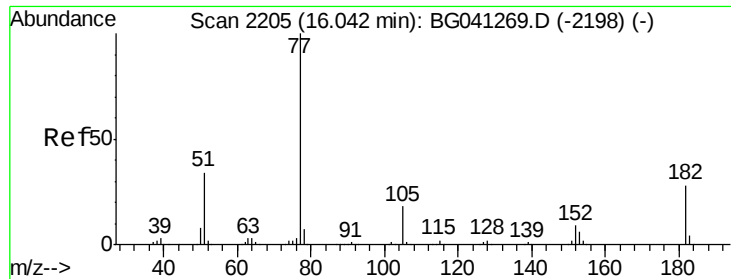
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#62
 4-Nitroaniline
 Concen: 43.463 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.0	38.8	78.8	
108	116.0	103.4	143.4	





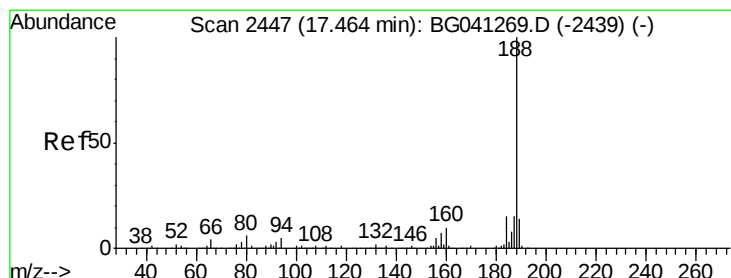
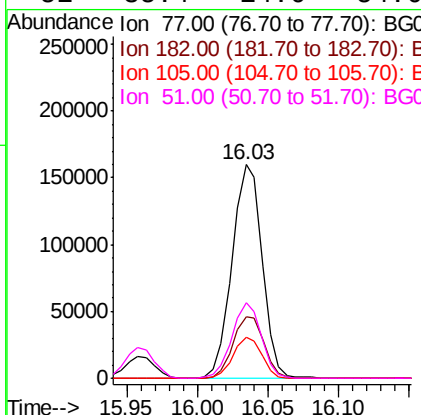
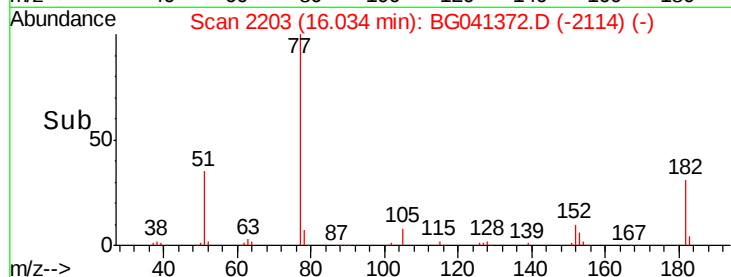
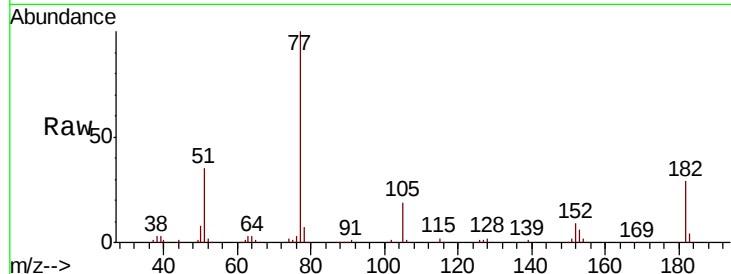
#63
Azobenzene
Concen: 43.768 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.5	47.5
105	19.3	0.0	37.7
51	35.4	14.6	54.6

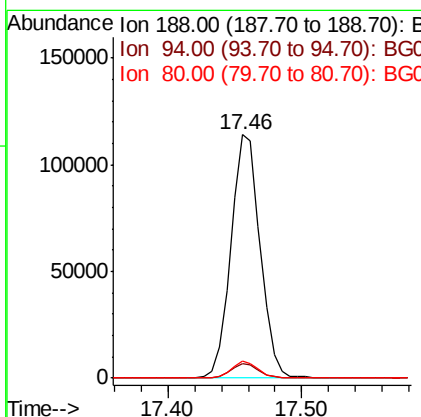
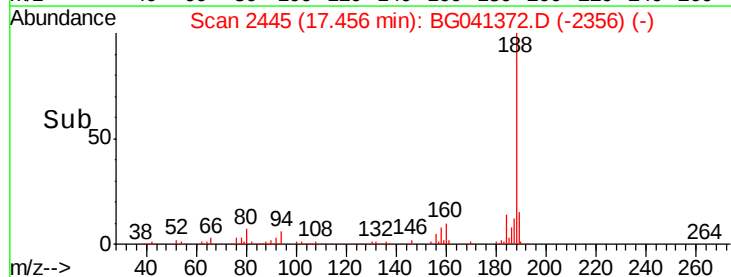
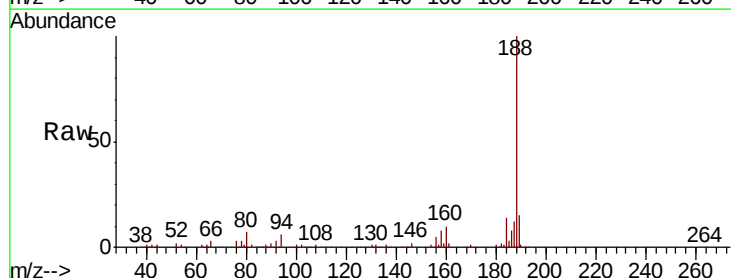
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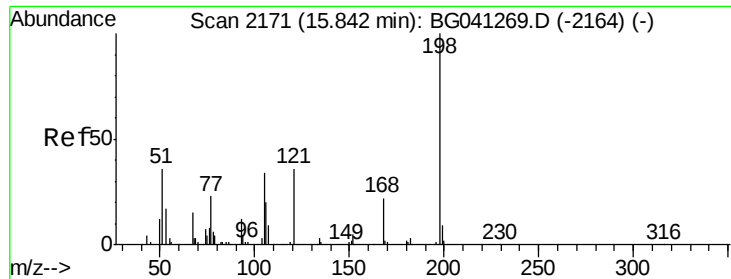
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	3.6	5.4#
80	7.2	4.8	7.2





#65

4,6-Dinitro-2-methylphenol

Concen: 45.948 ng

RT: 15.85 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

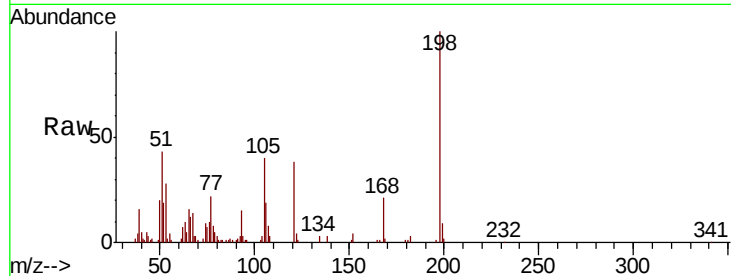
ClientSampleId :

PB120612BS

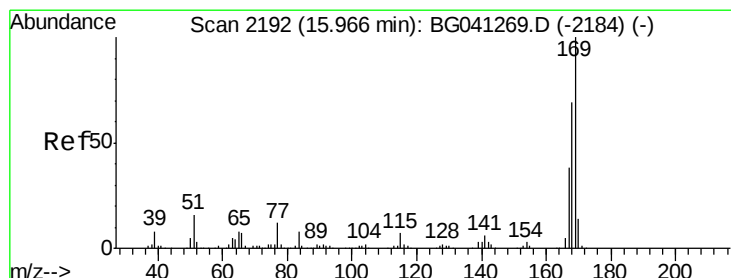
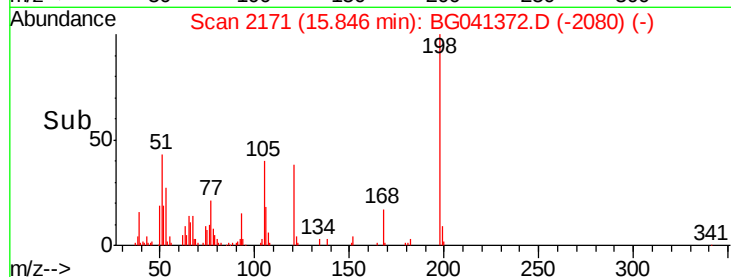
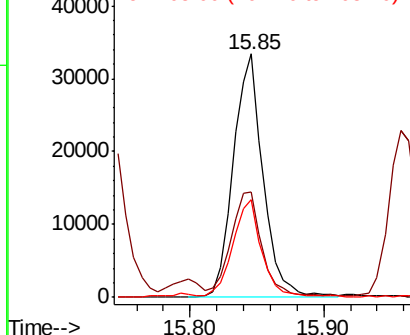
Tot Ion:	198	Resp:	51737
Ion Ratio	Lower	Upper	
198	100		
51	43.1	23.4	63.4
105	39.9	15.8	55.8

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



#66

n-Nitrosodiphenylamine

Concen: 47.414 ng

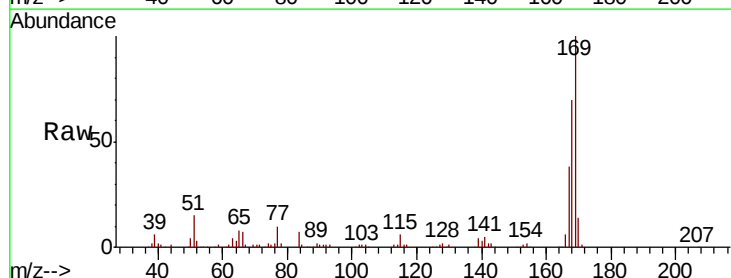
RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

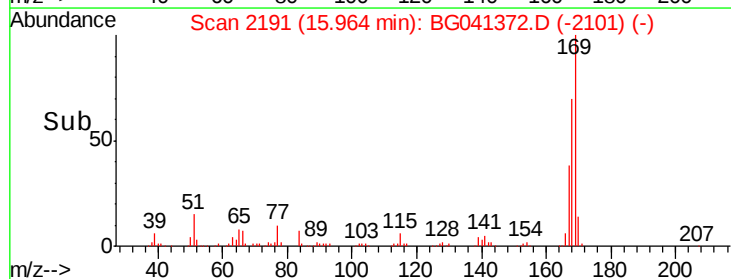
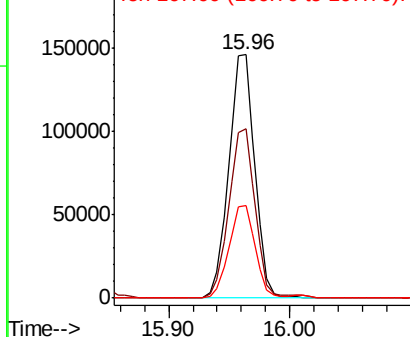
Lab File: BG041372.D

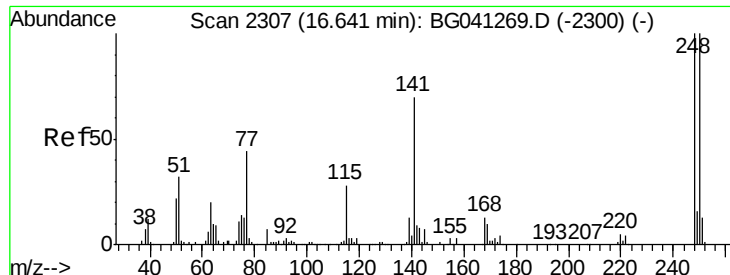
Acq: 21 Jun 2019 10:53

Tgt Ion:	169	Resp:	218402
Ion Ratio	Lower	Upper	
169	100		
168	69.8	55.2	82.8
167	37.8	30.4	45.6



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





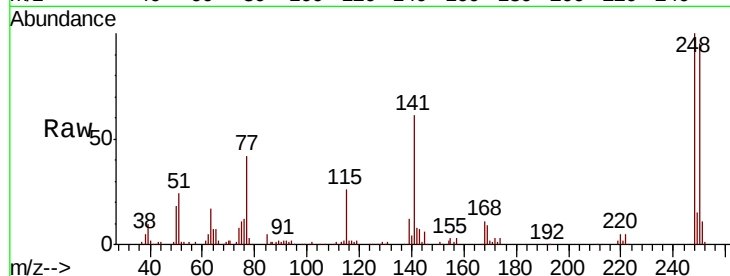
#67
 4-Bromophenyl-phenylether
 Concen: 43.340 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

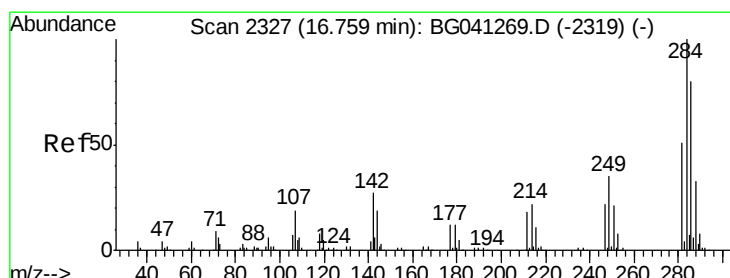
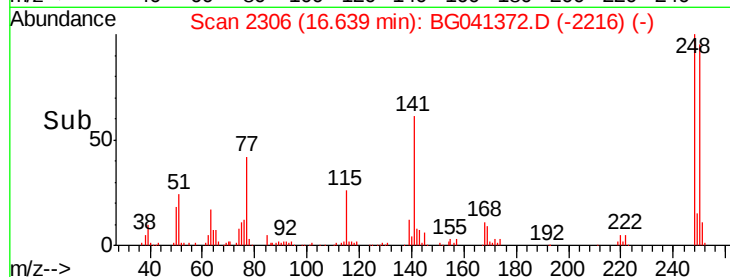
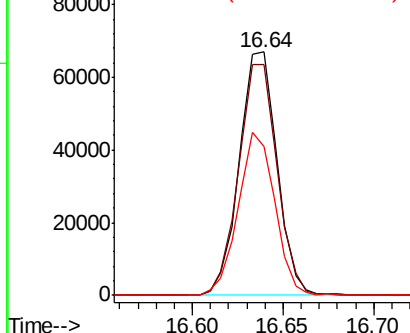
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	79.8	119.8
141	61.4	55.8	83.6

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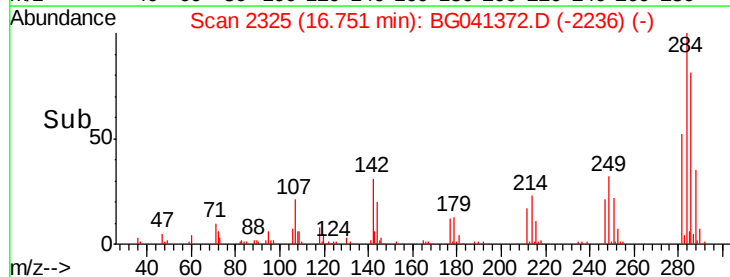
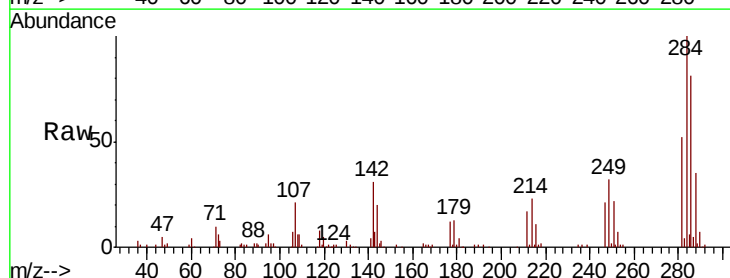
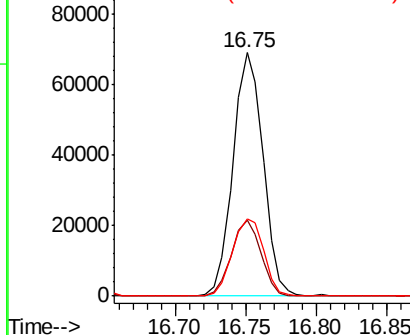
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

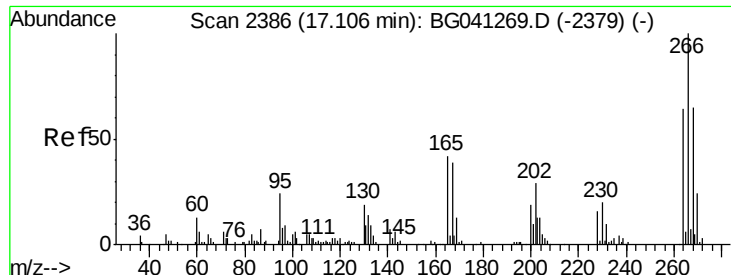


#68
 Hexachlorobenzene
 Concen: 42.686 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	21.8	32.8
249	34.0	27.8	41.6

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





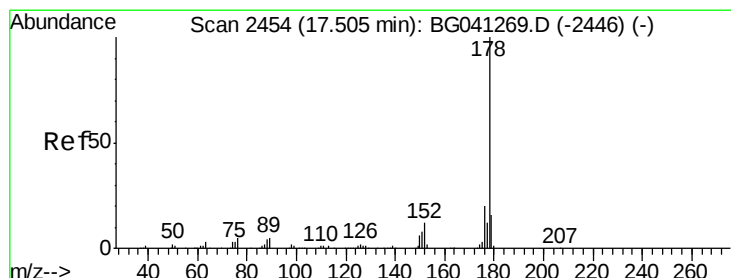
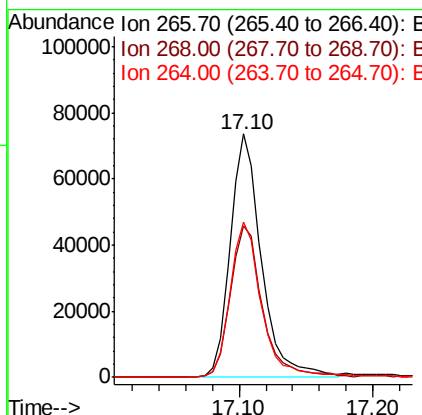
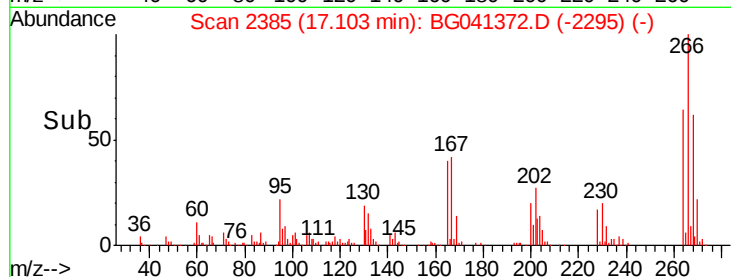
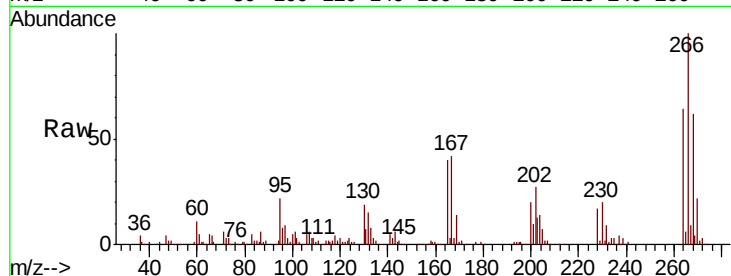
#70
 Pentachlorophenol
 Concen: 97.618 ng
 RT: 17.10 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleID :
 PB120612BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	52.0	78.0
264	63.9	51.2	76.8

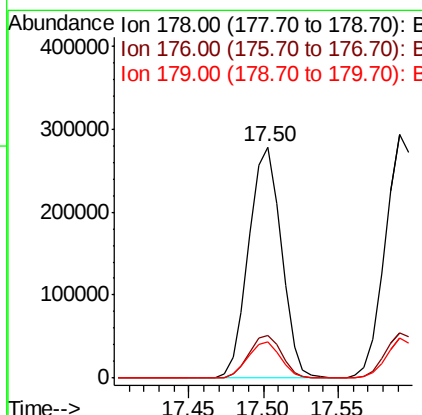
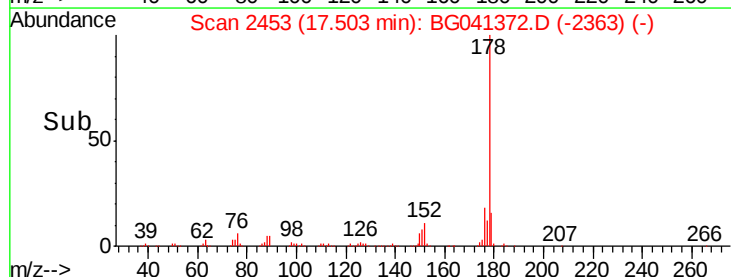
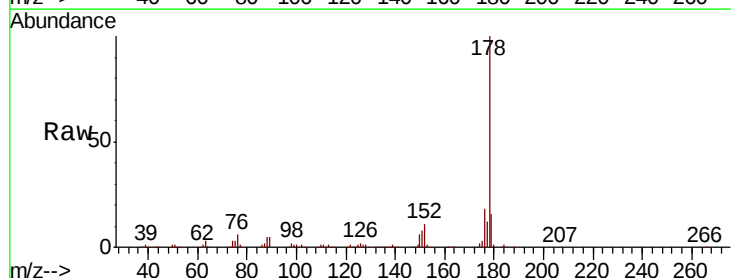
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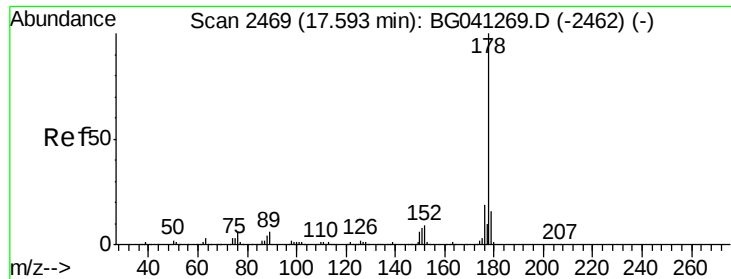
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#71
 Phenanthrene
 Concen: 45.583 ng
 RT: 17.50 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.1	24.1
179	15.6	12.9	19.3





#72

Anthracene

Concen: 48.184 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

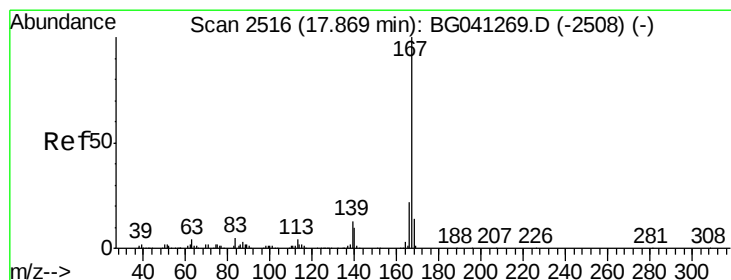
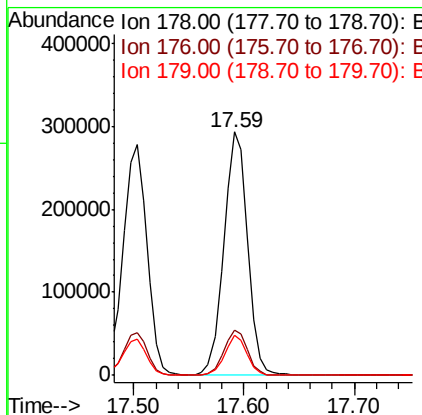
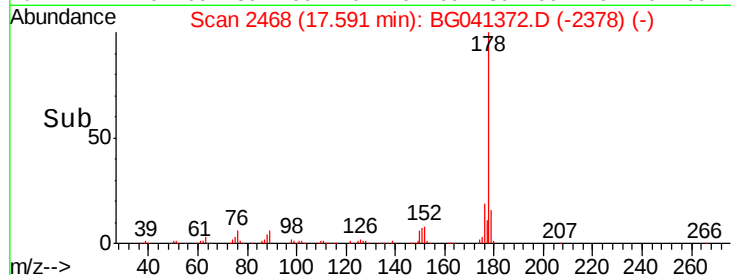
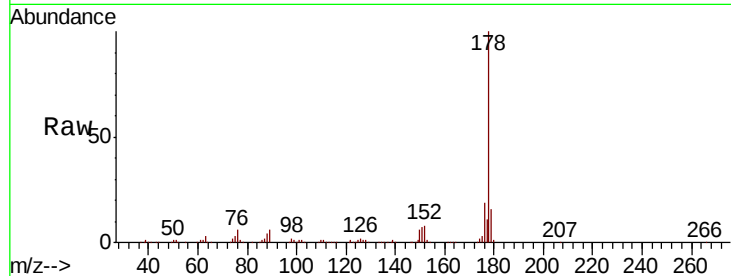
ClientSampleId :

PB120612BS

Tot Ion:	178	Resp:	439502
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.4	23.2
179	16.4	13.0	19.4

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#73

Carbazole

Concen: 48.515 ng

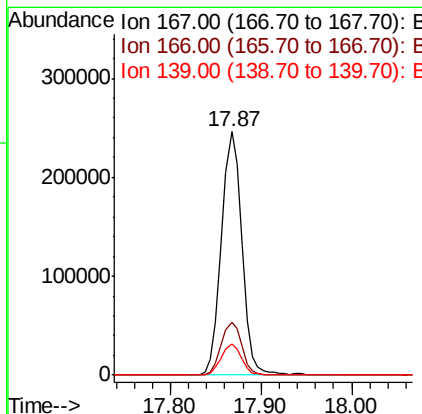
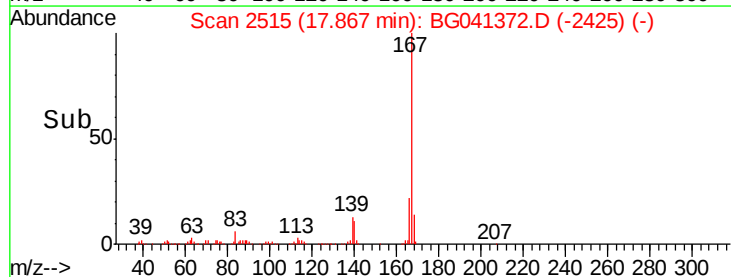
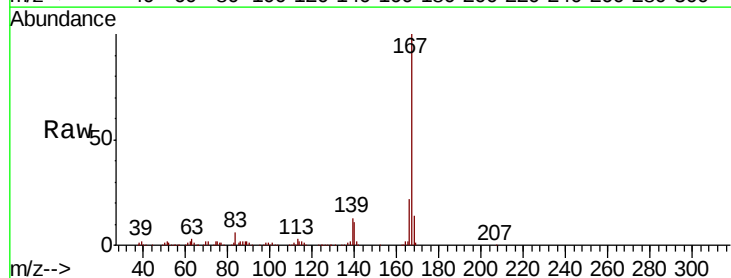
RT: 17.87 min Scan# 2515

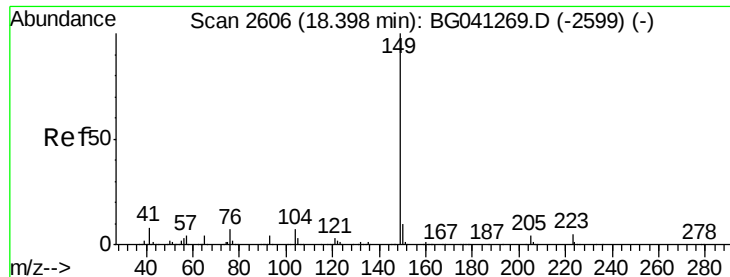
Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:	167	Resp:	387108
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.9	26.9
139	12.6	10.7	16.1





#74

Di-n-butylphthalate

Concen: 46.712 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

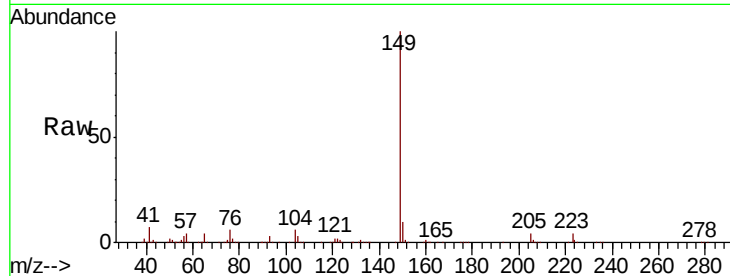
ClientSampleId :

PB120612BS

Tot Ion:	149	Resp:	465066
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.1	12.1
104	6.4	5.4	8.0

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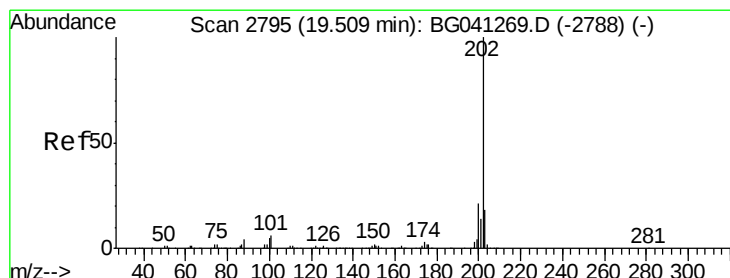
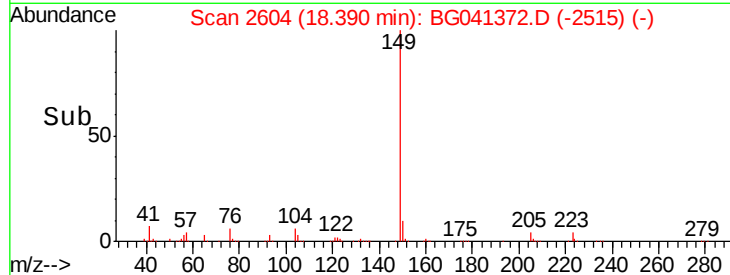
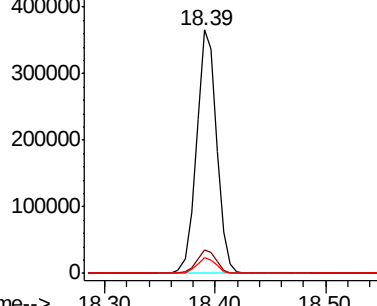


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 47.531 ng

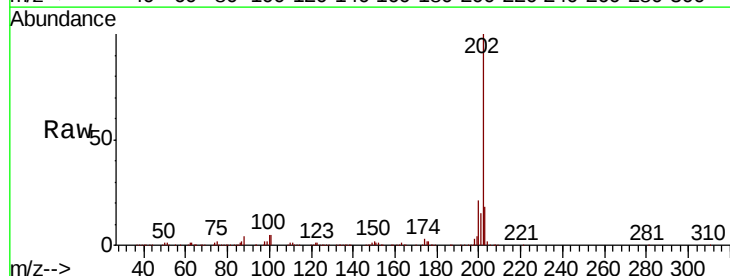
RT: 19.51 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:	202	Resp:	584238
Ion Ratio	Lower	Upper	
202	100		
101	5.4	0.0	26.0
203	18.0	0.0	37.7

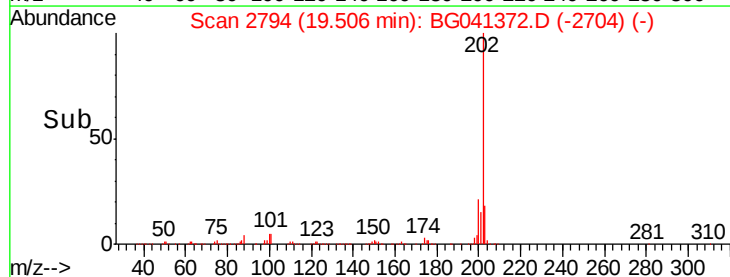
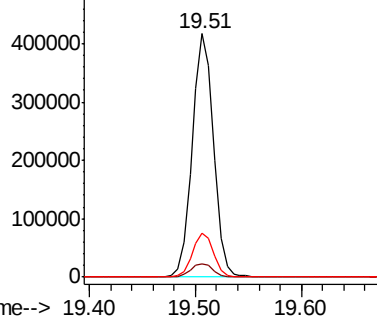


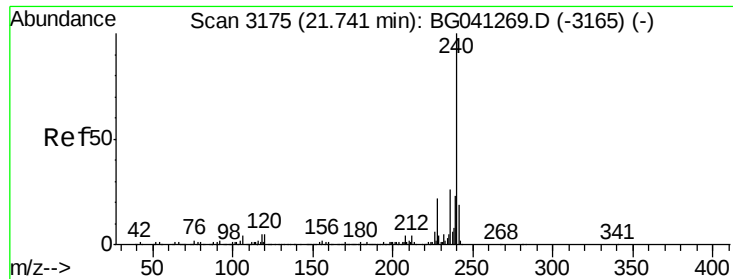
Abundance

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: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

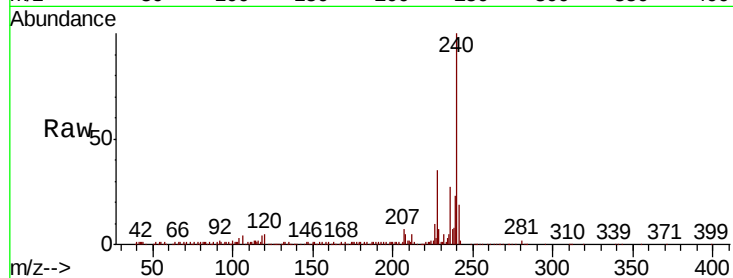
ClientSampleId :

PB120612BS

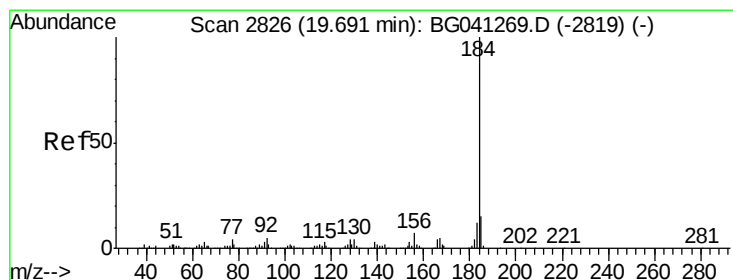
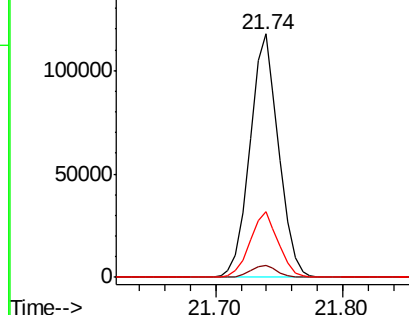
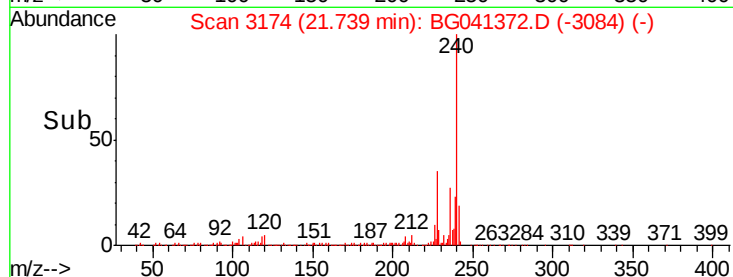
Tot Ion:	240	Resp:	185059
Ion Ratio	Lower	Upper	
240	100		
120	4.8	3.7	5.5
236	27.0	21.1	31.7

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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: 63.165 ng

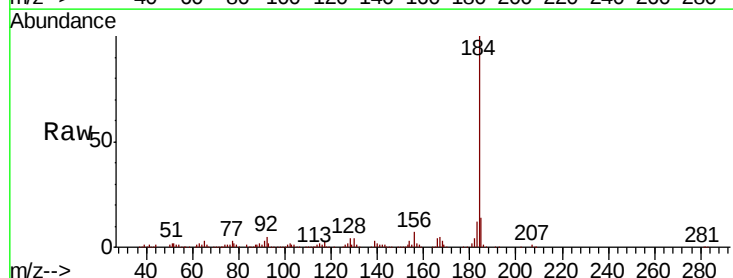
RT: 19.69 min Scan# 2825

Delta R.T. -0.00 min

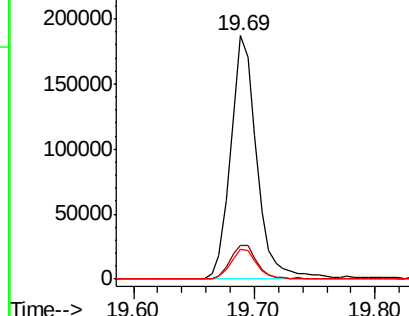
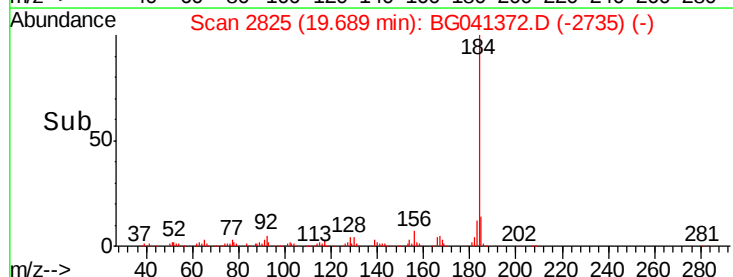
Lab File: BG041372.D

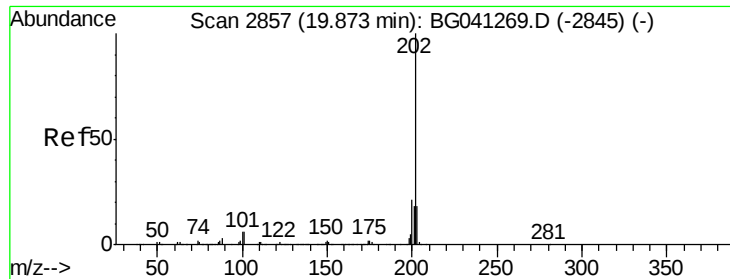
Acq: 21 Jun 2019 10:53

Tgt Ion:	184	Resp:	282736
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.2	18.2
183	12.2	9.6	14.4



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

Pvrene

Concen: 47.243 ng

RT: 19.87 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

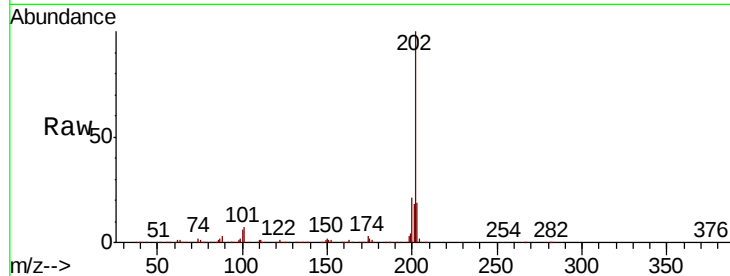
ClientSampleId :

PB120612BS

Tot Ion:	202	Resp:	589619
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	18.7	14.6	21.8

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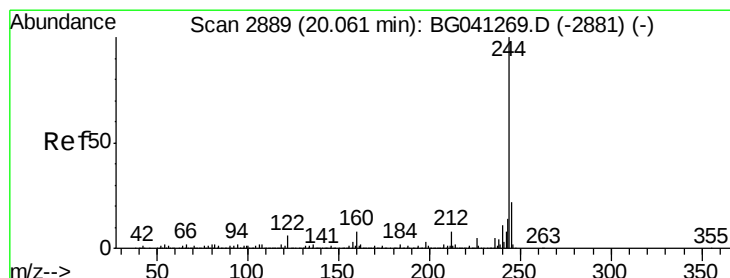
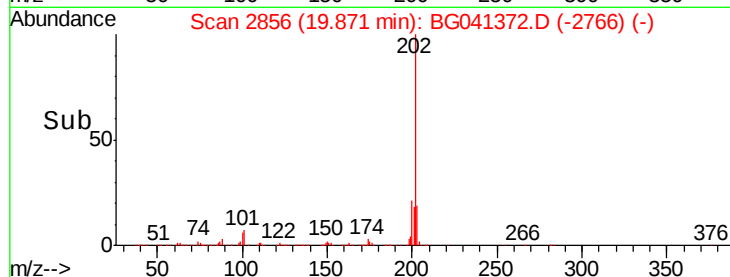
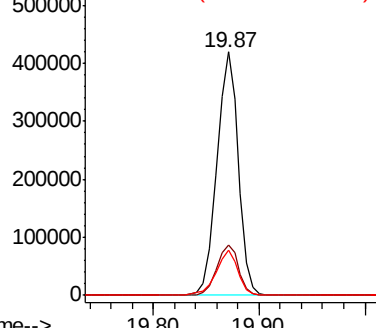


Abundance

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: 89.058 ng

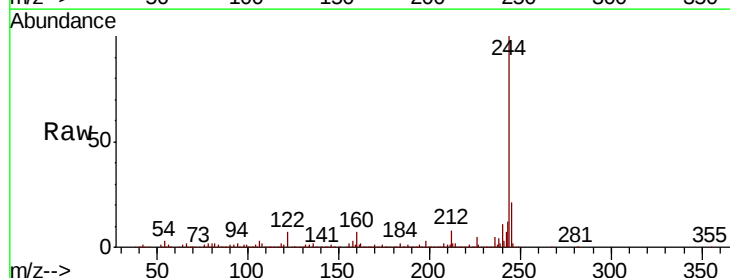
RT: 20.05 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:	244	Resp:	831624
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.6	10.0
122	6.5	5.0	7.4

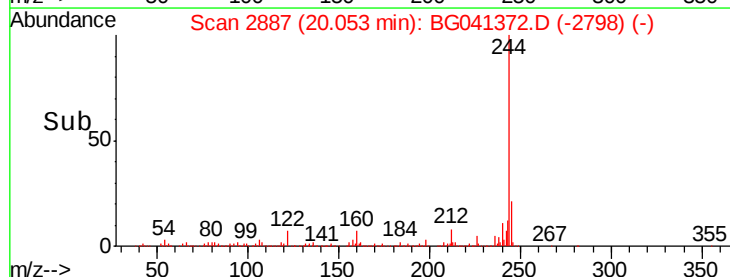
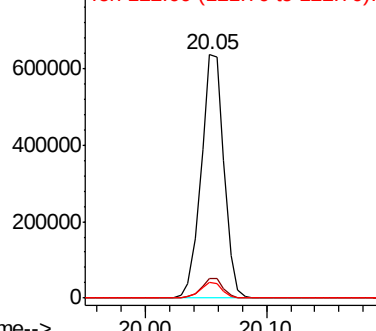


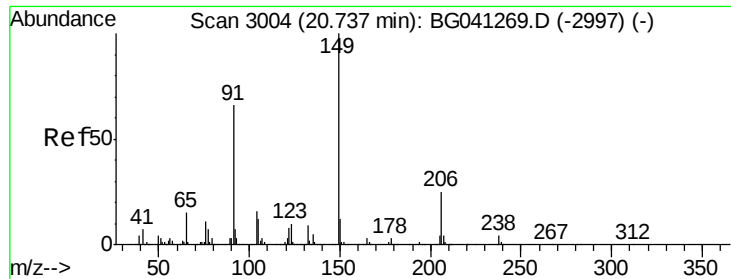
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





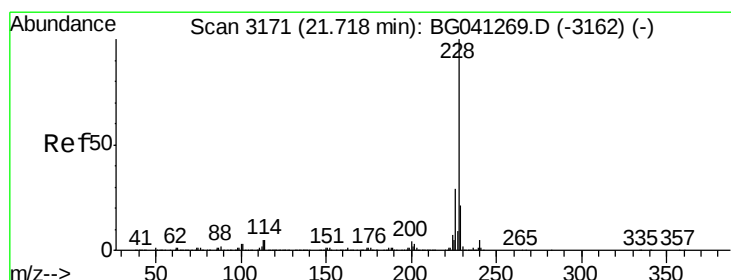
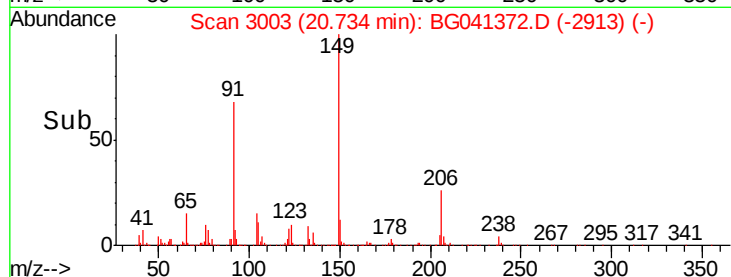
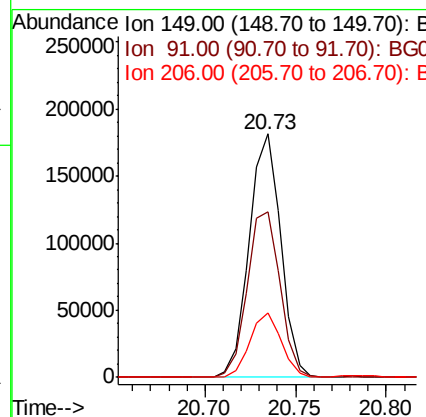
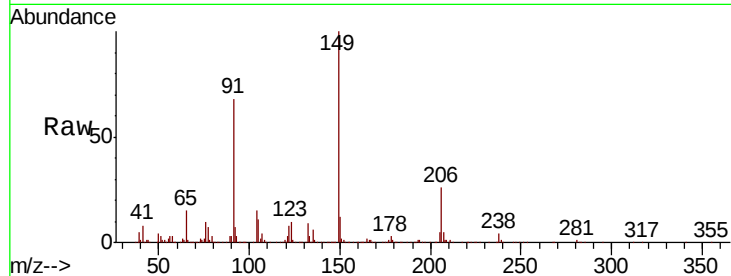
#80
Butylbenzylphthalate
Concen: 46.695 ng
RT: 20.73 min Scan# 3003
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	53.2	79.8
206	26.5	20.3	30.5

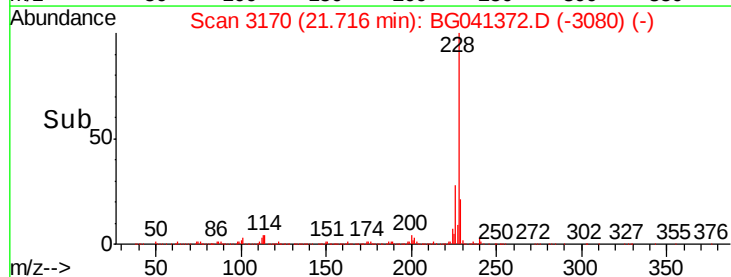
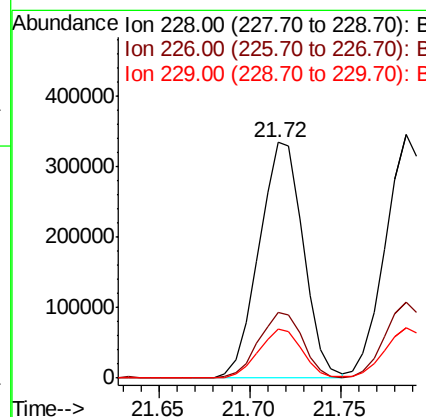
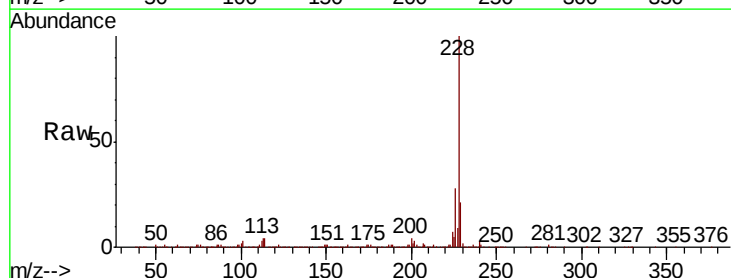
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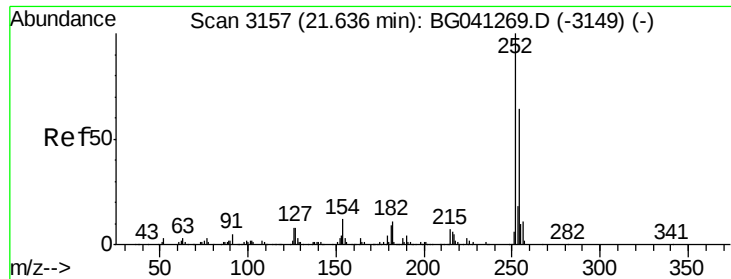
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#81
Benzo(a)anthracene
Concen: 45.145 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.2	34.8
229	20.9	16.8	25.2





#82

3,3'-Dichlorobenzidine

Concen: 30.257 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

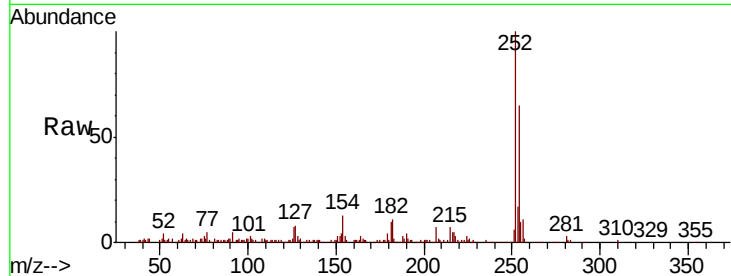
ClientSampled :

PB120612BS

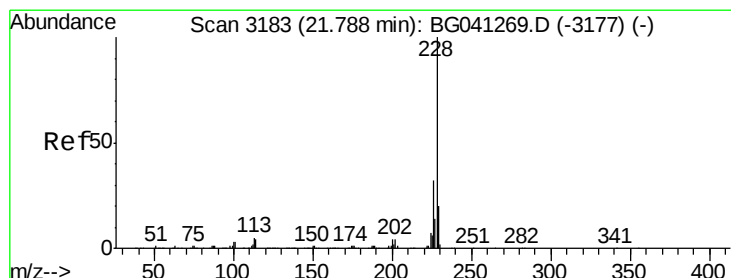
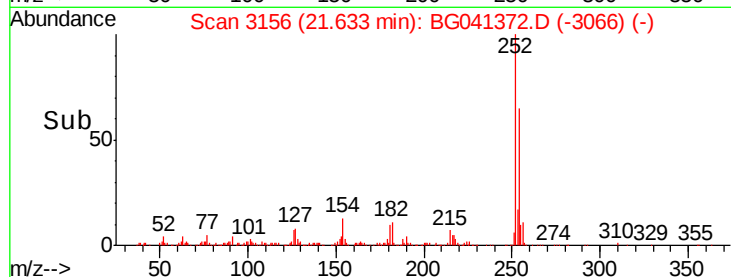
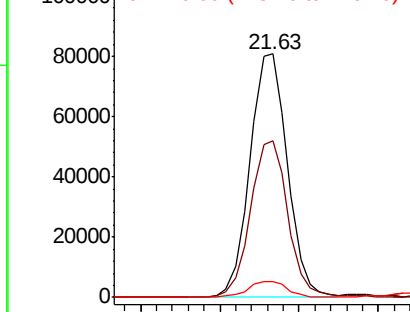
Tot Ion:	252	Resp:	133087
Ion Ratio	Lower	Upper	
252	100		
254	64.5	51.4	77.0
126	6.6	6.0	9.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 45.934 ng

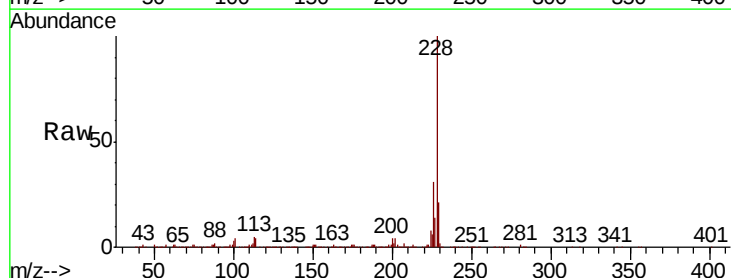
RT: 21.79 min Scan# 3182

Delta R.T. -0.00 min

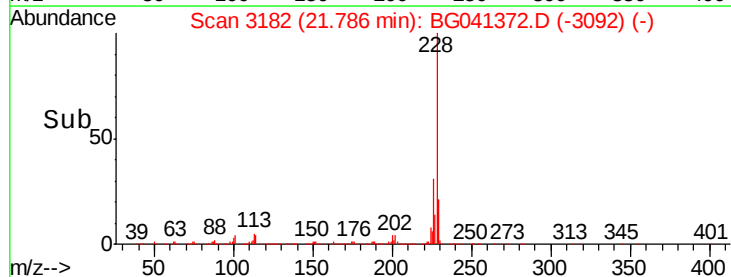
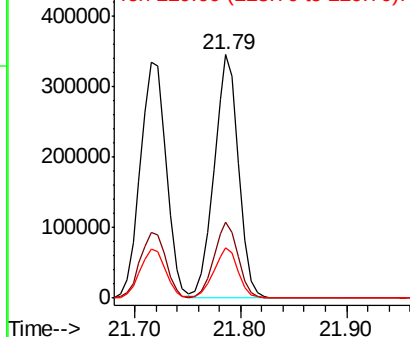
Lab File: BG041372.D

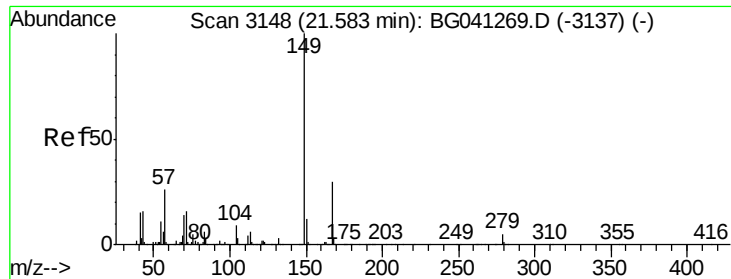
Acq: 21 Jun 2019 10:53

Tgt Ion:	228	Resp:	553502
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.4	38.0
229	20.8	16.2	24.2



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.785 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Instrument :

BNA_G

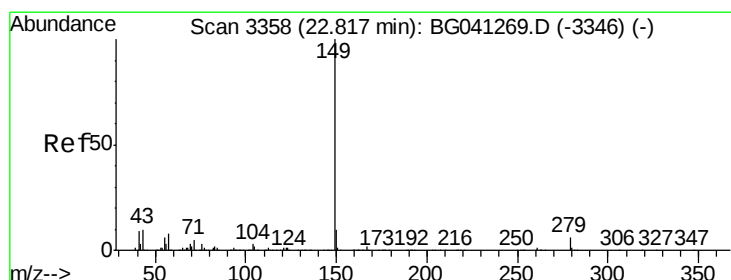
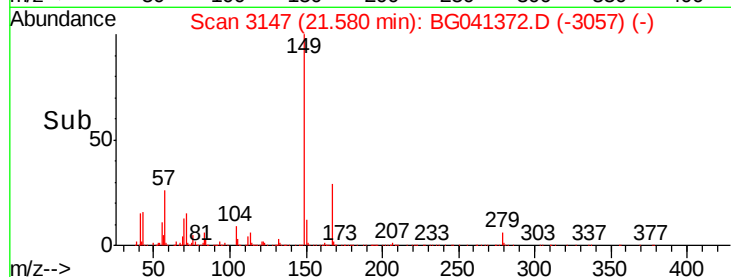
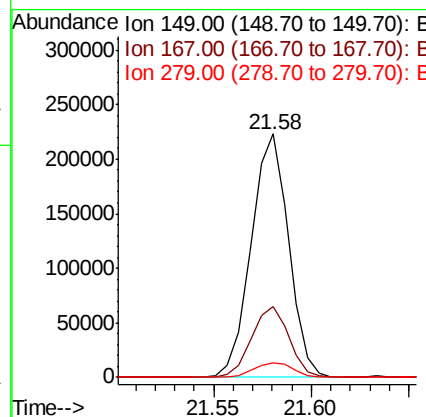
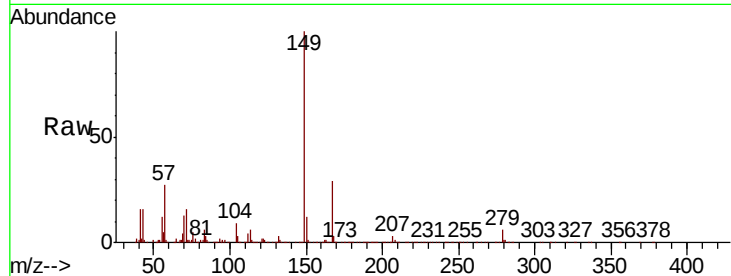
ClientSampleId :

PB120612BS

Tot Ion:	149	Resp:	294548
Ion Ratio	Lower	Upper	
149	100		
167	29.2	23.8	35.8
279	6.2	4.4	6.6

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#85

Di-n-octyl phthalate

Concen: 46.953 ng

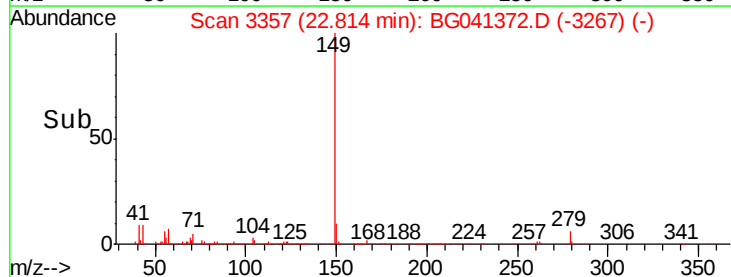
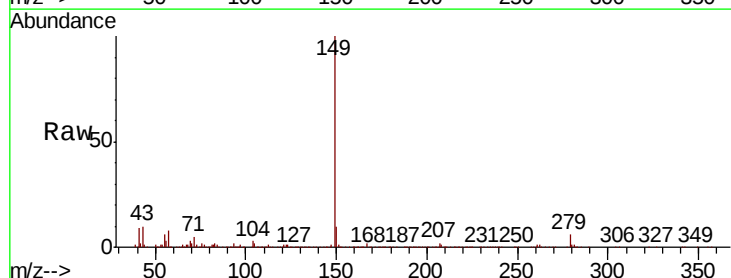
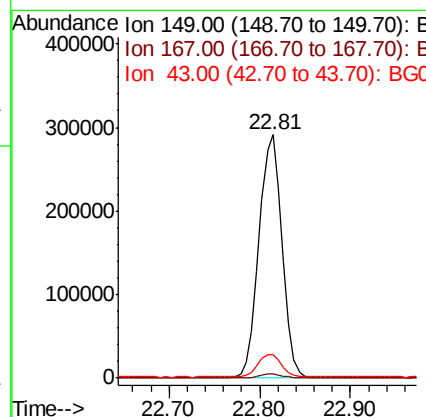
RT: 22.81 min Scan# 3357

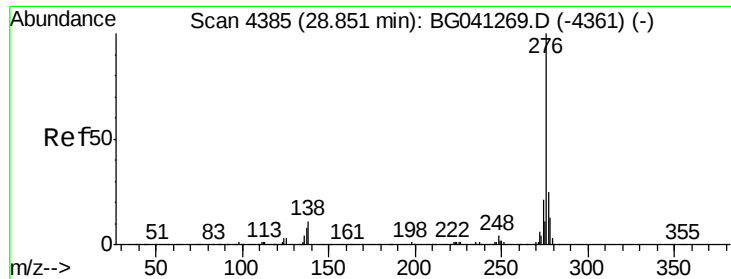
Delta R.T. -0.00 min

Lab File: BG041372.D

Acq: 21 Jun 2019 10:53

Tgt Ion:	149	Resp:	511053
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	9.5	8.2	12.2





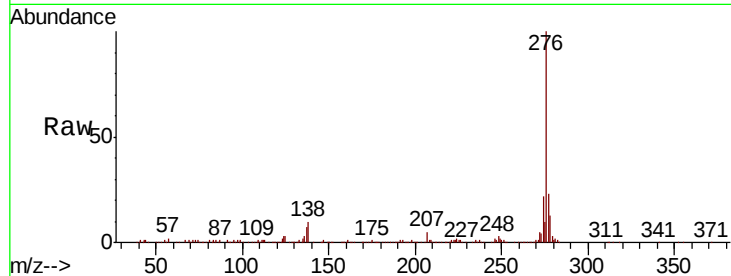
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.876 ng
RT: 28.88 min Scan# 4389
Delta R.T. 0.03 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.1	7.7	11.5#
277	26.4	20.6	31.0

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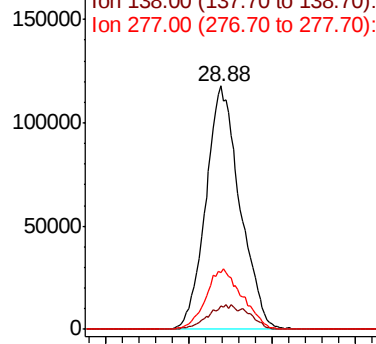


Abundance

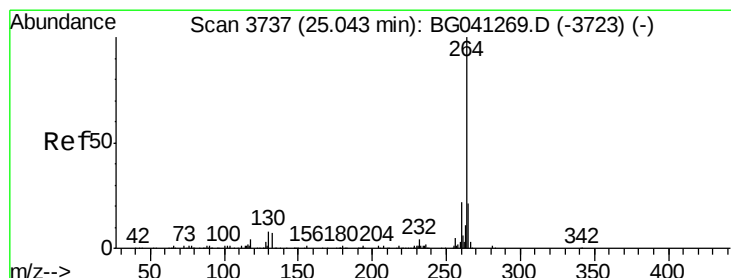
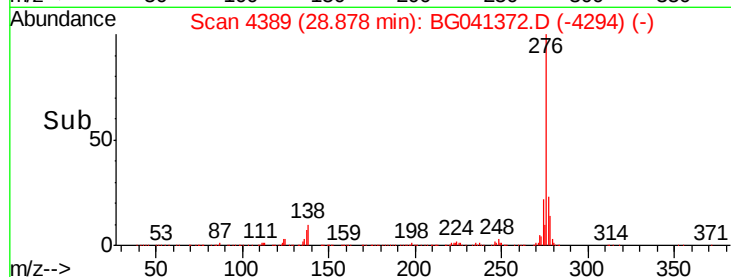
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

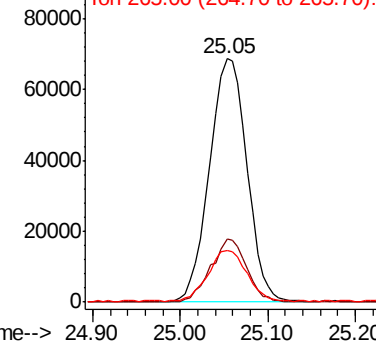
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	17.4	26.2
265	21.0	17.2	25.8

Abundance

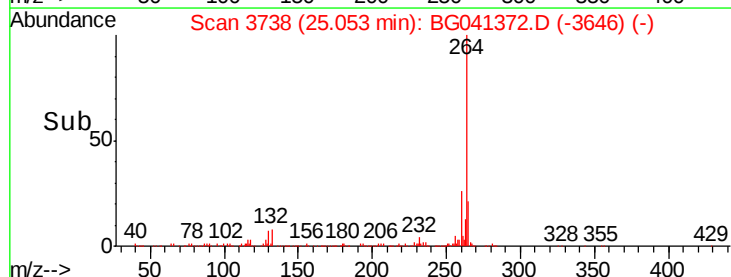
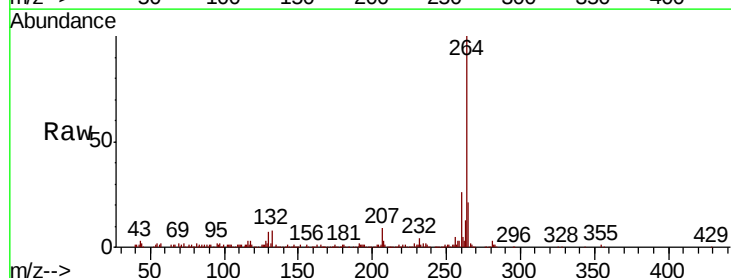
Ion 264.00 (263.70 to 264.70): E

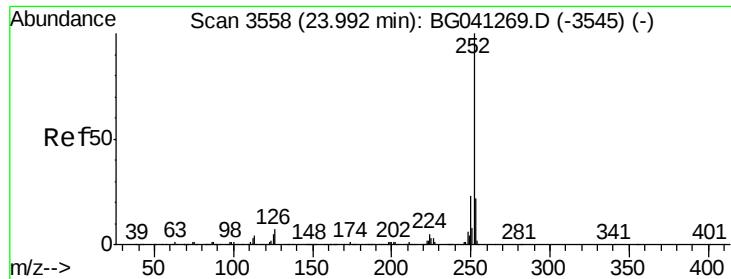
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





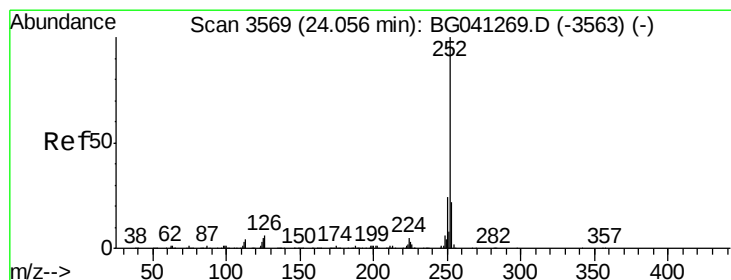
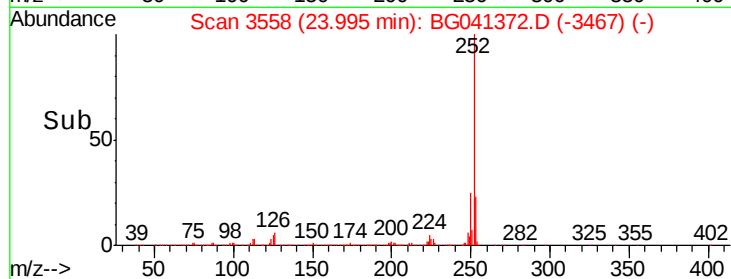
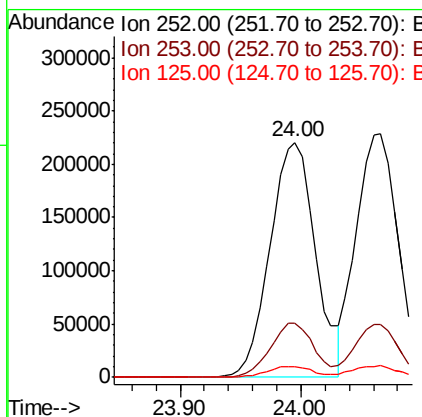
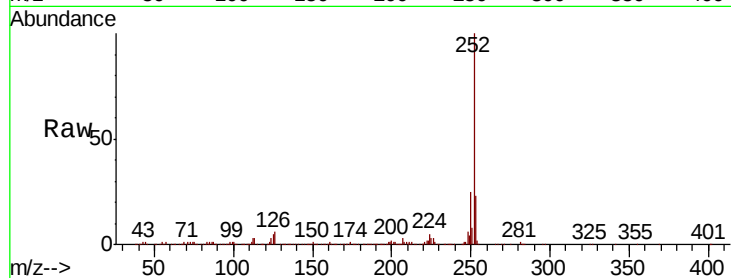
#88
Benzo(b)fluoranthene
Concen: 46.461 ng
RT: 24.00 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	4.8	3.9	5.9

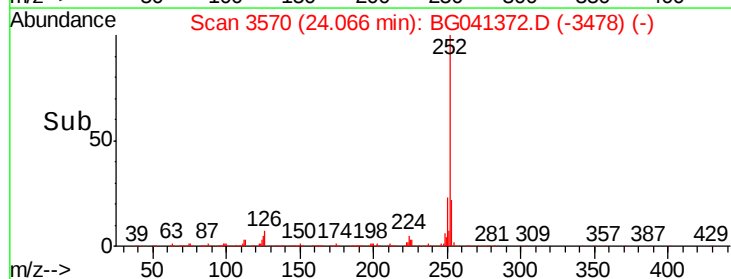
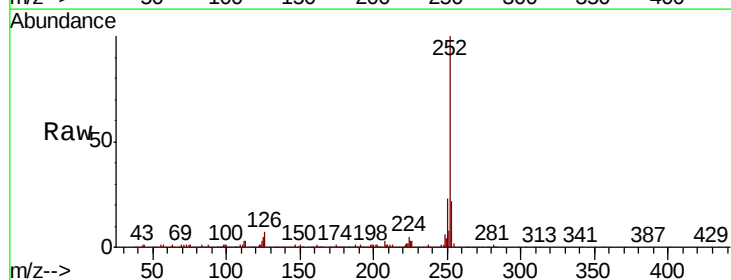
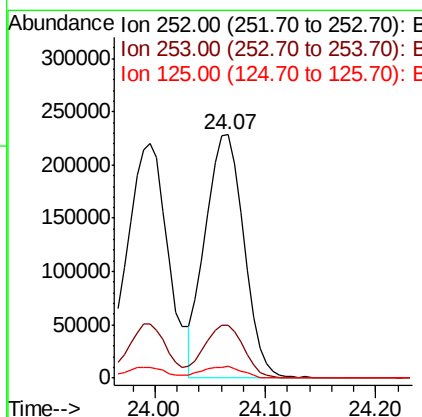
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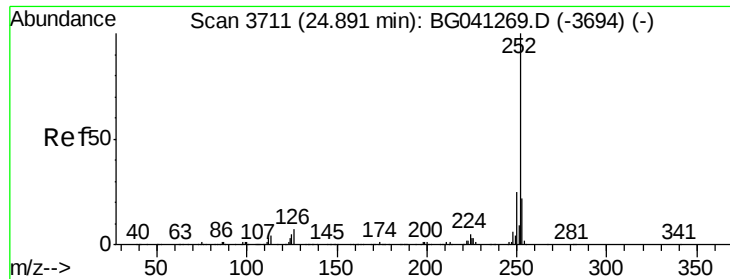
mohammad
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#89
Benzo(k)fluoranthene
Concen: 44.820 ng
RT: 24.07 min Scan# 3570
Delta R.T. 0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	4.8	4.3	6.5





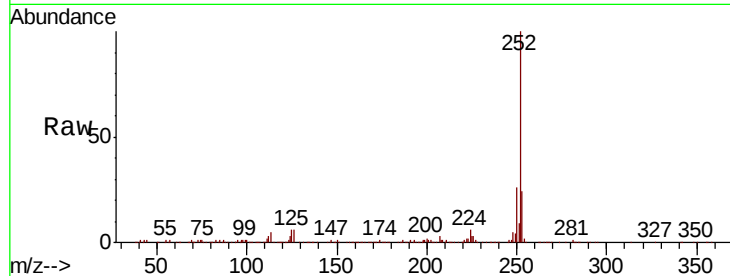
#90
Benzo(a)pyrene
Concen: 47.605 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

Instrument :
BNA_G
ClientSampleId :
PB120612BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	5.9	4.2	6.4

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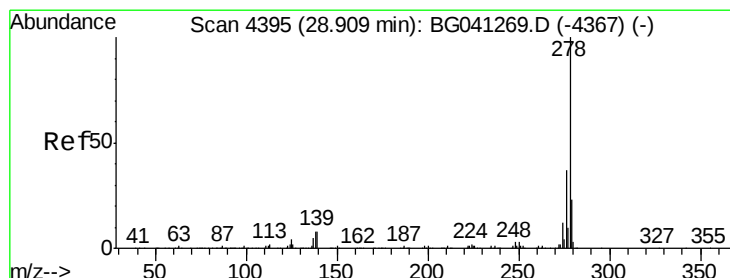
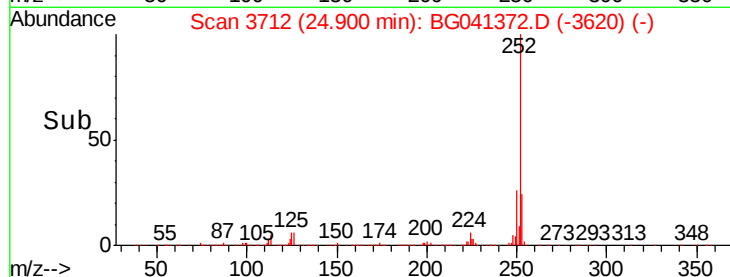
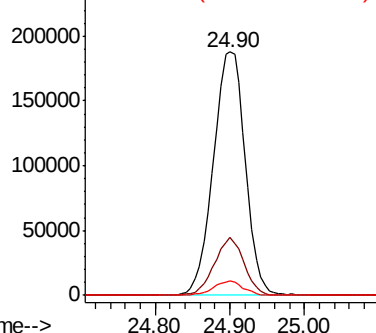


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 47.189 ng
RT: 28.94 min Scan# 4399
Delta R.T. 0.03 min
Lab File: BG041372.D
Acq: 21 Jun 2019 10:53

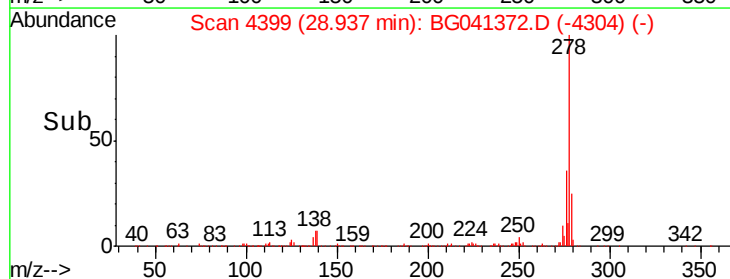
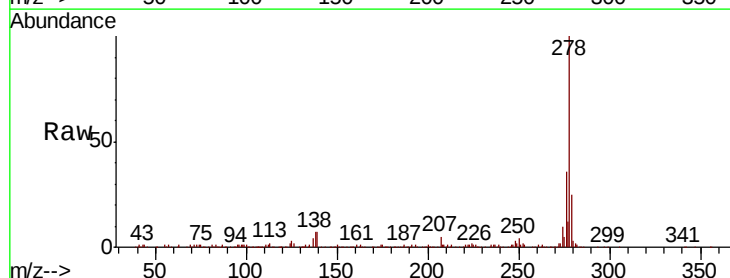
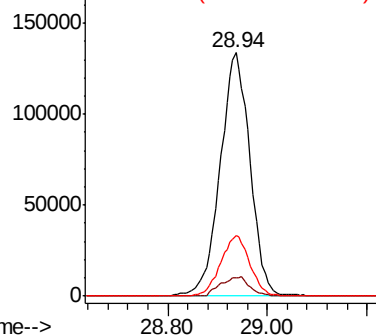
Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.3	6.6	10.0
279	25.1	18.5	27.7

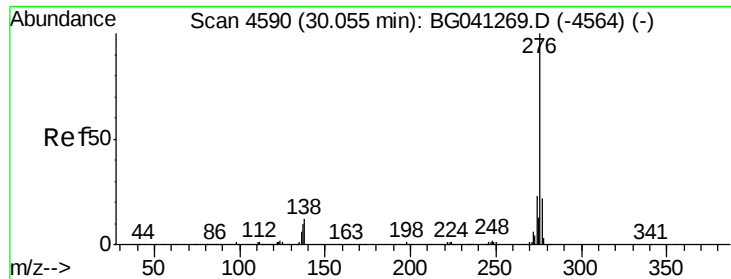
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 48.163 ng
 RT: 30.09 min Scan# 4595
 Delta R.T. 0.03 min
 Lab File: BG041372.D
 Acq: 21 Jun 2019 10:53

Instrument :
 BNA_G
 ClientSampleId :
 PB120612BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	10.5	9.4	14.0

Manual Integrations
 APPROVED

mohammad
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