

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044603.D
 Acq On : 26 Feb 2020 14:33
 Operator : CG/JU
 Sample : PB127090BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BS

Manual Integrations
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Quant Time: Feb 27 07:06:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	58649	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	247824	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	161033	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	372315	20.00	ng	0.00
76) Chrysene-d12	21.50	240	350976	20.00	ng	0.00
87) Perylene-d12	24.56	264	331710	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	439830	120.32	ng	0.00
7) Phenol-d6	7.05	99	575211	114.96	ng	0.00
23) Nitrobenzene-d5	9.03	82	300915	62.56	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	242323	106.13	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	708702	63.02	ng	0.00
79) Terphenyl-d14	19.87	244	1220408	65.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	53621	33.616	ng	97
3) Pyridine	3.72	79	129626	29.124	ng	98
4) n-Nitrosodimethylamine	3.64	42	67259	39.788	ng	100
6) Aniline	7.20	93	173804	28.531	ng	99
8) 2-Chlorophenol	7.44	128	171450	42.967	ng	100
9) Benzaldehyde	7.01	77	64380	21.882	ng	99
10) Phenol	7.08	94	209503	43.208	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	158982	39.003	ng	99
12) 1,3-Dichlorobenzene	7.76	146	176601	37.107	ng	99
13) 1,4-Dichlorobenzene	7.91	146	180329	37.702	ng	99
14) 1,2-Dichlorobenzene	8.22	146	170455	37.475	ng	98
15) Benzyl Alcohol	8.11	79	137144	40.642	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	203098	37.074	ng	99
17) 2-Methylphenol	8.32	107	145017	41.865	ng	98
18) Hexachloroethane	8.95	117	65373	37.399	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	119891	37.277	ng	97
20) 3+4-Methylphenols	8.65	107	194272	40.965	ng	100
22) Acetophenone	8.69	105	233024	37.451	ng	98
24) Nitrobenzene	9.07	77	173694	37.270	ng	99
25) Isophorone	9.60	82	329188	36.581	ng	99
26) 2-Nitrophenol	9.79	139	97010	38.382	ng	97
27) 2,4-Dimethylphenol	9.85	122	157385	44.349	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	213446	35.867	ng	99
29) 2,4-Dichlorophenol	10.33	162	167264	39.424	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	171552	34.963	ng	97
31) Naphthalene	10.72	128	503016	37.198	ng	99
32) Benzoic acid	10.02	122	70302	50.891	ng	98
33) 4-Chloroaniline	10.83	127	114001	19.140	ng	98
34) Hexachlorobutadiene	11.02	225	102755	33.347	ng	99
35) Caprolactam	11.60	113	60255m	39.672	ng	
36) 4-Chloro-3-methylphenol	11.97	107	173591	39.748	ng	98
37) 2-Methylnaphthalene	12.34	142	371230	37.145	ng	100
38) 1-Methylnaphthalene	12.55	142	350723	36.932	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	187337	34.556	ng	99

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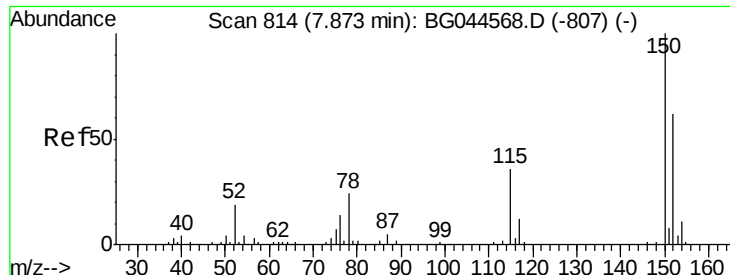
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	149421	60.210	nq	98
43) 2,4,6-Trichlorophenol	12.95	196	134320	38.159	nq	99
44) 2,4,5-Trichlorophenol	13.03	196	144558	39.978	nq	97
46) 1,1'-Biphenyl	13.35	154	468113	35.127	nq	99
47) 2-Chloronaphthalene	13.39	162	369195	35.330	nq	99
48) 2-Nitroaniline	13.59	65	107441	37.039	nq	97
49) Acenaphthylene	14.23	152	582014	37.731	nq	100
50) Dimethylphthalate	13.97	163	475009	36.546	nq	100
51) 2,6-Dinitrotoluene	14.09	165	107674	37.563	nq	100
52) Acenaphthene	14.58	154	358622	36.472	nq	99
53) 3-Nitroaniline	14.42	138	80566	26.060	nq	96
54) 2,4-Dinitrophenol	14.63	184	124335	73.644	nq	97
55) Dibenzofuran	14.92	168	566974	37.612	nq	100
56) 4-Nitrophenol	14.75	139	203504	95.697	nq	99
57) 2,4-Dinitrotoluene	14.88	165	153685	38.134	nq	99
58) Fluorene	15.56	166	447817	37.467	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.15	232	131283	39.426	nq	98
60) Diethylphthalate	15.34	149	481118	37.359	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	236940	36.460	nq	100
62) 4-Nitroaniline	15.59	138	113060	36.523	nq	98
63) Azobenzene	15.85	77	416179	37.972	nq	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	95564	41.453	nq	98
66) n-Nitrosodiphenylamine	15.77	169	422902	36.414	nq	100
67) 4-Bromophenyl-phenylether	16.45	248	158970	34.398	nq	99
68) Hexachlorobenzene	16.57	284	173218	33.151	nq	99
69) Atrazine	16.73	200	167989	39.127	nq	98
70) Pentachlorophenol	16.92	266	199602	78.244	nq	97
71) Phenanthrene	17.30	178	747043	36.242	nq	99
72) Anthracene	17.39	178	771288	37.970	nq	99
73) Carbazole	17.66	167	718010	38.832	nq	99
74) Di-n-butylphthalate	18.22	149	885254	38.207	nq	99
75) Fluoranthene	19.31	202	945962	38.767	nq	99
77) Benzidine	19.49	184	235757	19.609	nq	99
78) Pyrene	19.68	202	956663	37.549	nq	100
80) Butylbenzylphthalate	20.57	149	406211	36.450	nq	100
81) Benzo(a)anthracene	21.48	228	897088	36.367	nq	99
82) 3,3'-Dichlorobenzidine	21.40	252	259007	26.578	nq	99
83) Chrysene	21.55	228	873895	36.641	nq	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	572984	37.314	nq	100
85) Di-n-octyl phthalate	22.56	149	1015052	37.571	nq	99
86) Indeno(1,2,3-cd)pyrene	28.04	276	1084298	35.425	nq	99
88) Benzo(b)fluoranthene	23.60	252	931669	42.719	nq	99
89) Benzo(k)fluoranthene	23.66	252	945045	44.659	nq	99
90) Benzo(a)pyrene	24.42	252	864650	42.196	nq	99
91) Dibenzo(a,h)anthracene	28.09	278	904787	44.647	nq	99
92) Benzo(g,h,i)perylene	29.12	276	910265	44.832	nq	98

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



#1

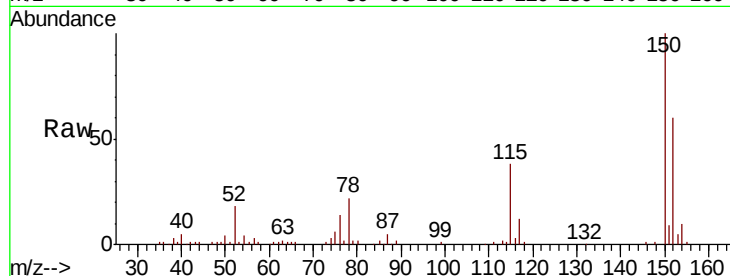
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.4	128.9	193.3
115	62.2	47.0	70.4

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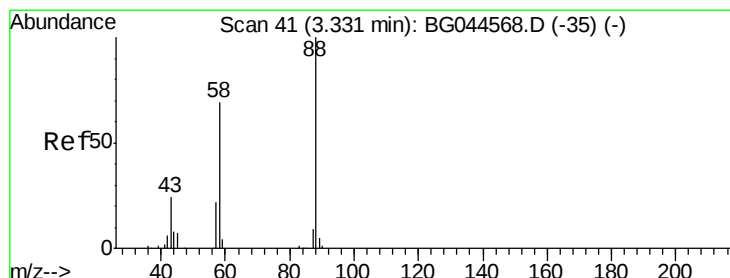
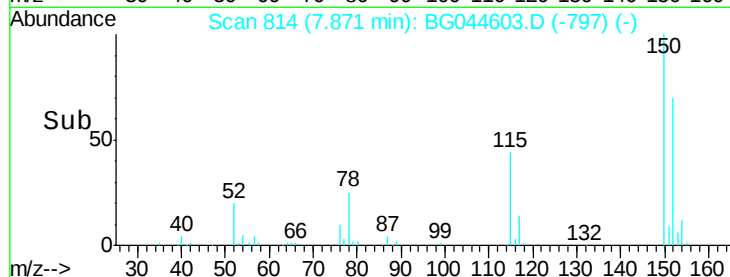
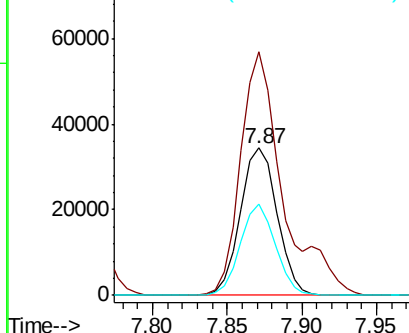


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

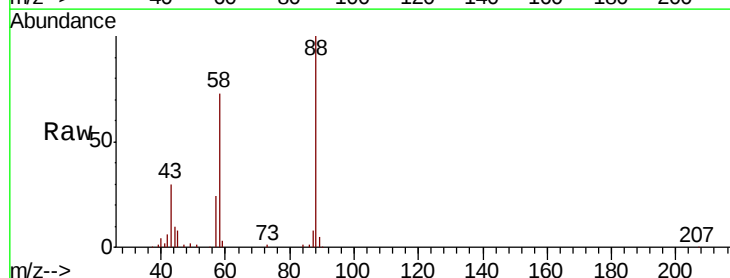
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.616 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	55.8	83.8
43	27.8	20.6	31.0

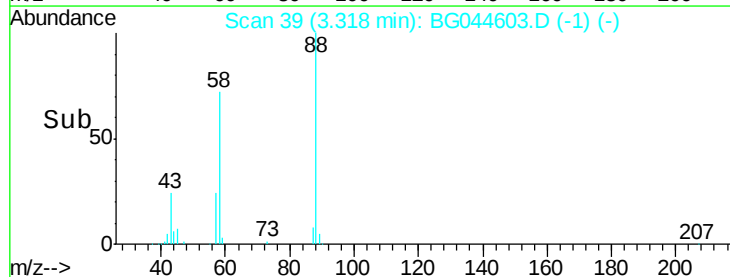
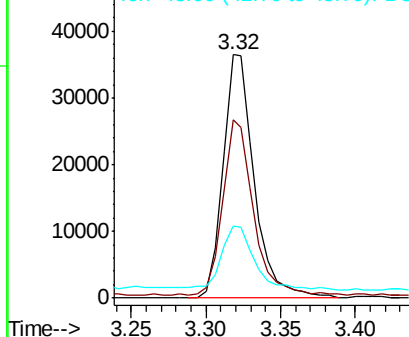


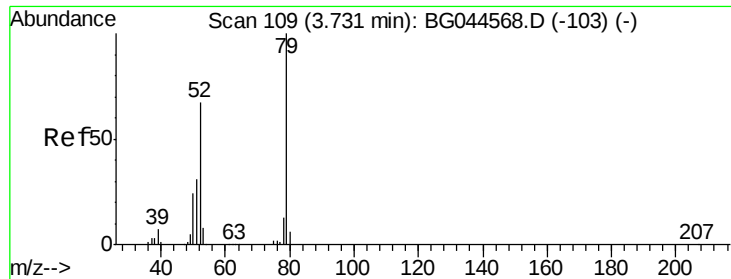
Abundance

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: 29.124 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

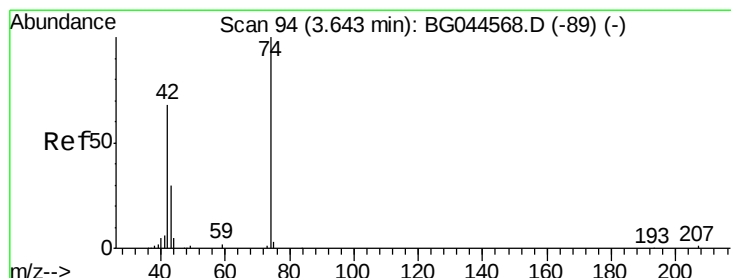
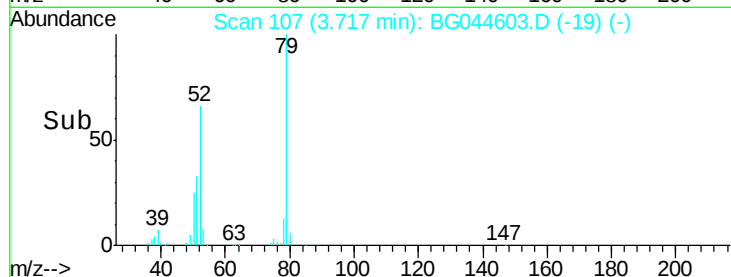
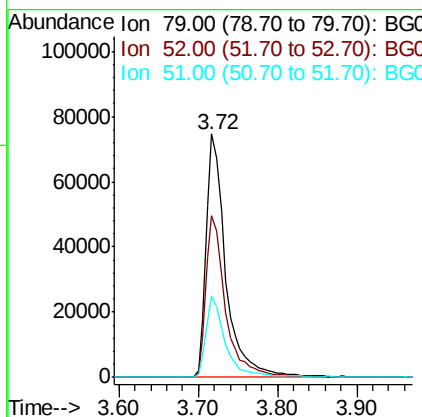
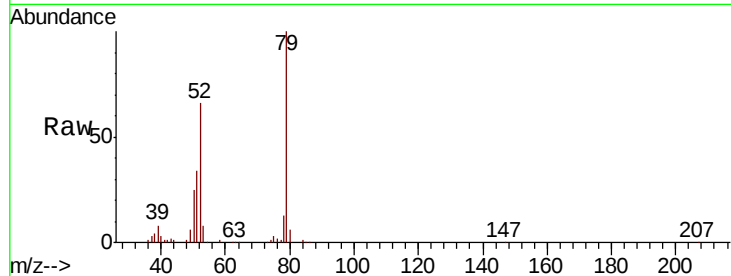
ClientSampleId :

PB127090BS

Tot Ion:	79	Resp:	129626
Ion	Ratio	Lower	Upper
79	100		
52	66.2	53.7	80.5
51	33.5	25.4	38.0

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#4

n-Nitrosodimethylamine

Concen: 39.788 ng

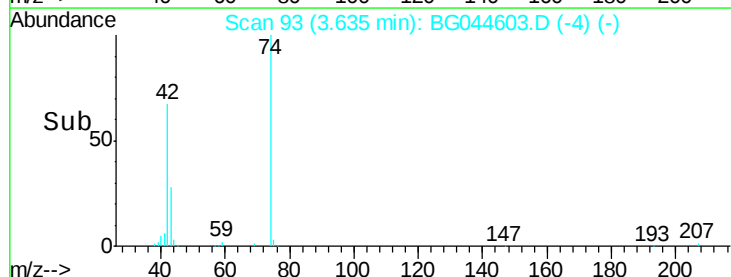
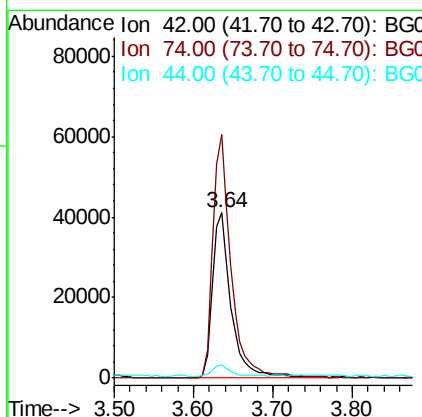
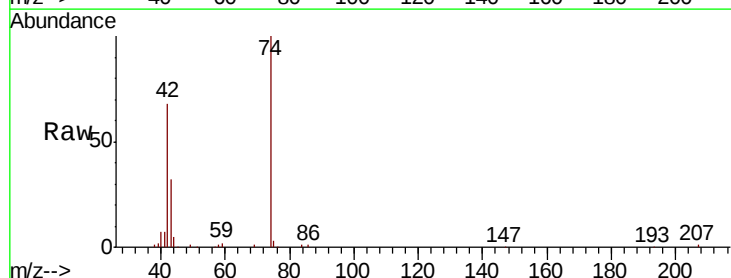
RT: 3.64 min Scan# 93

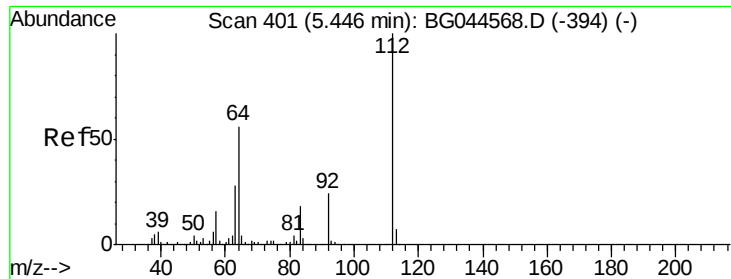
Delta R.T. -0.01 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion:	42	Resp:	67259
Ion	Ratio	Lower	Upper
42	100		
74	147.3	117.6	176.4
44	7.9	6.3	9.5





#5

2-Fluorophenol

Concen: 120.325 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

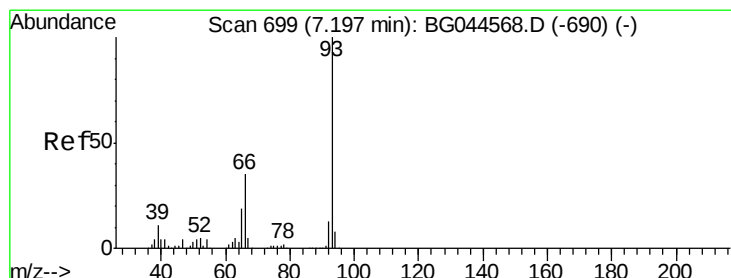
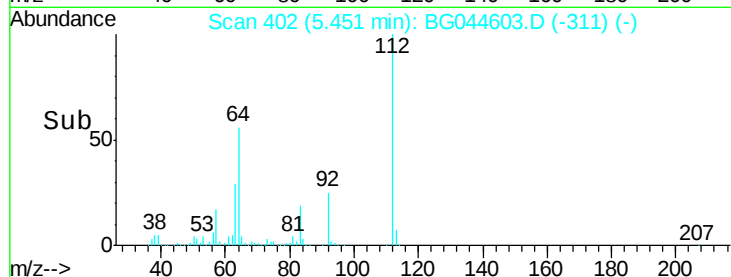
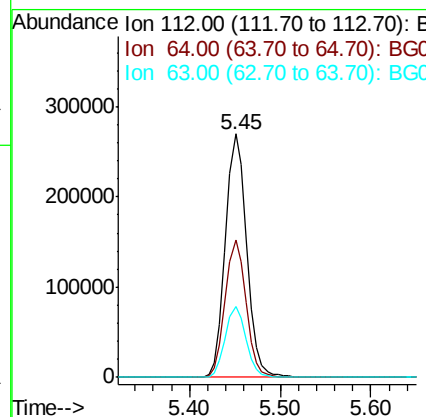
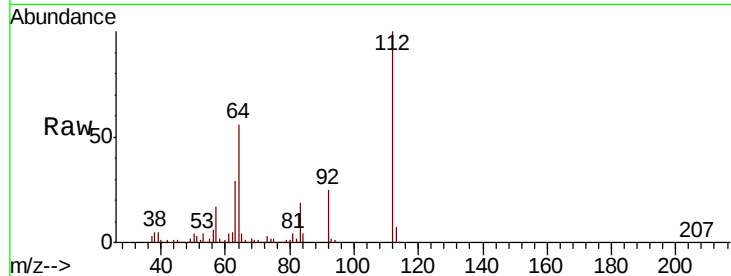
ClientSampleId :

PB127090BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	439830		
64	56.3		44.8	67.2
63	29.1		22.3	33.5

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#6

Aniline

Concen: 28.531 ng

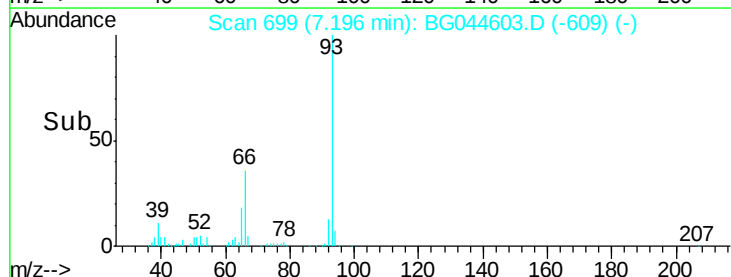
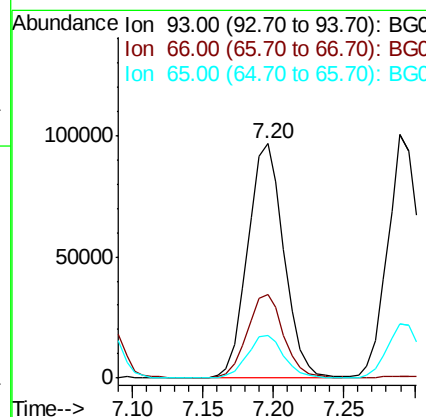
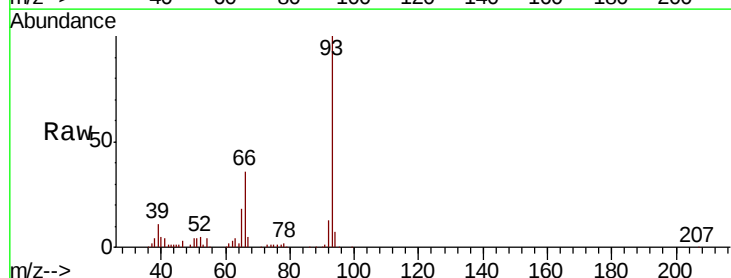
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173804		
66	35.6		27.8	41.8
65	18.3		14.9	22.3





#7

Phenol-d6

Concen: 114.962 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

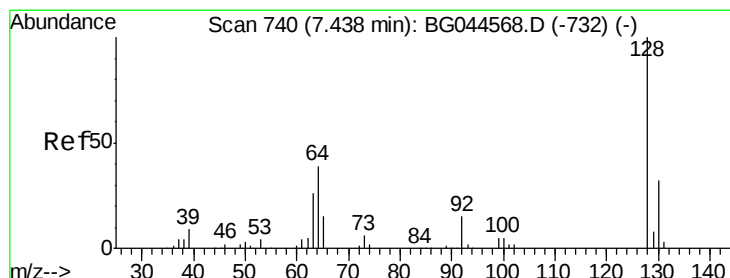
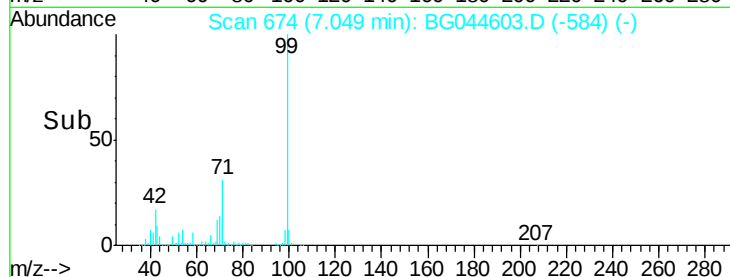
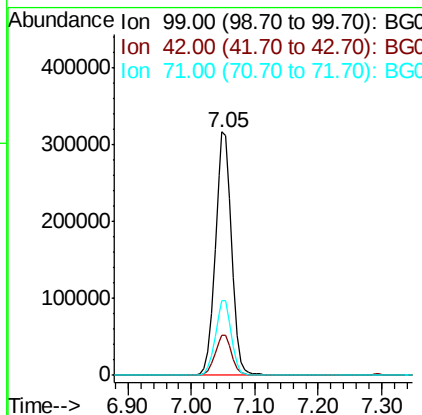
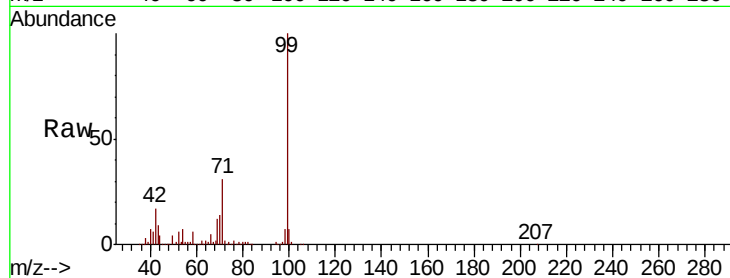
ClientSampleId :

PB127090BS

Tot Ion:	99	Resp:	575211
Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	30.8	24.4	36.6

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#8

2-Chlorophenol

Concen: 42.967 ng

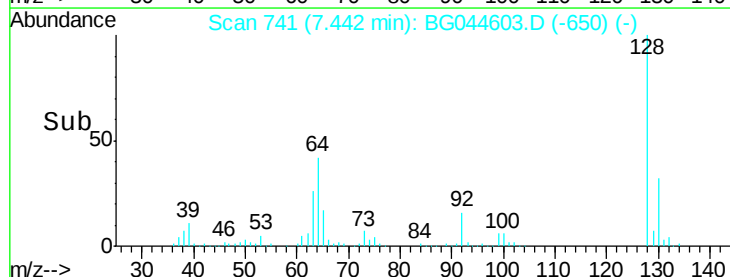
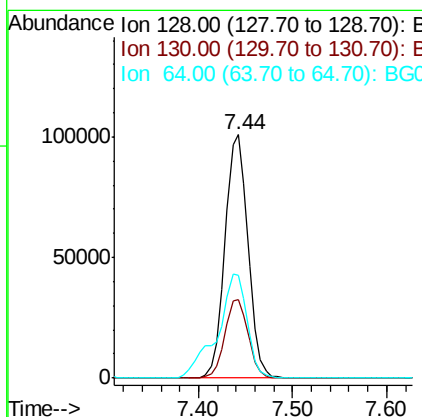
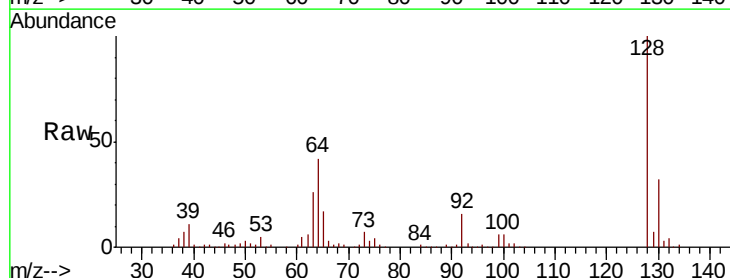
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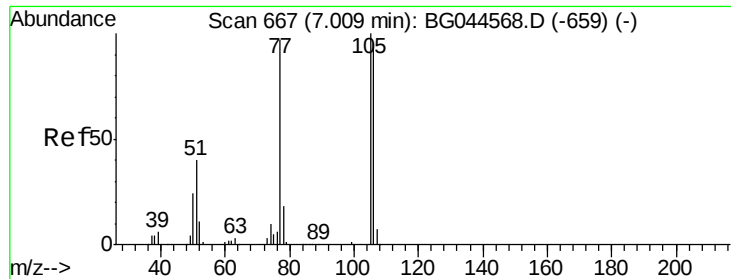
Delta R.T. 0.00 min

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Acq: 26 Feb 2020 14:33

Tgt Ion:	128	Resp:	171450
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	42.1	22.5	62.5





#9

Benzaldehyde

Concen: 21.882 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

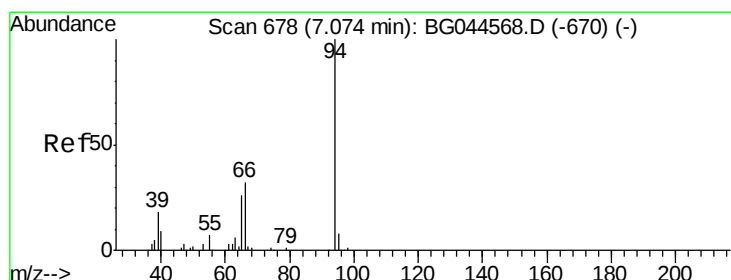
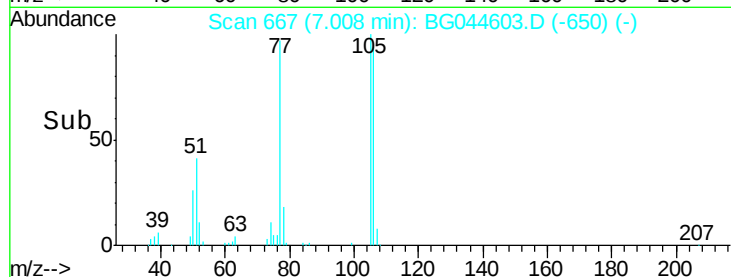
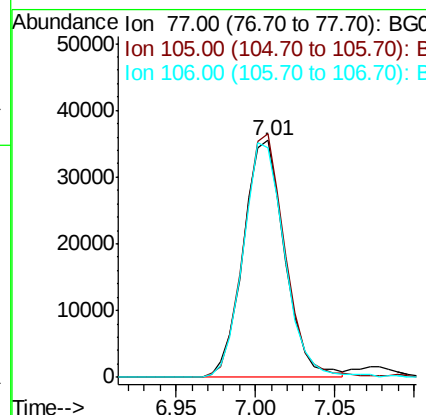
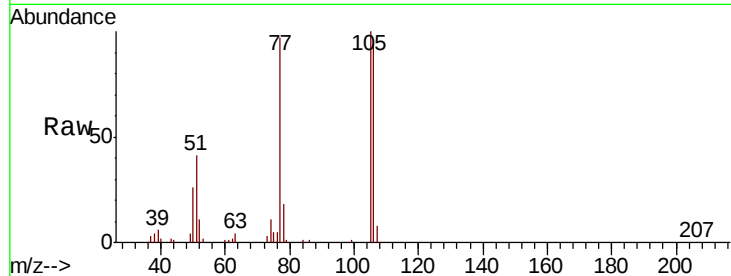
ClientSampleId :

PB127090BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.7	83.6	123.6		
106	96.7	78.2	118.2		

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#10

Phenol

Concen: 43.208 ng

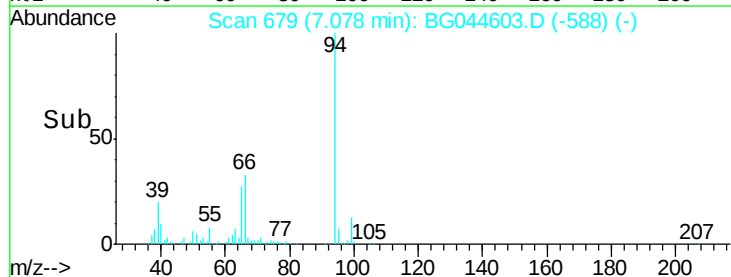
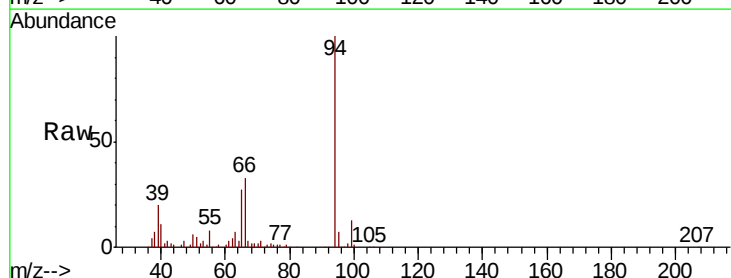
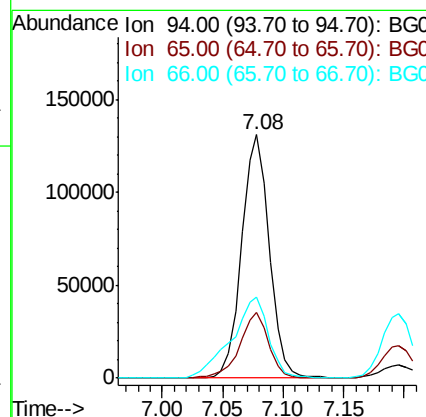
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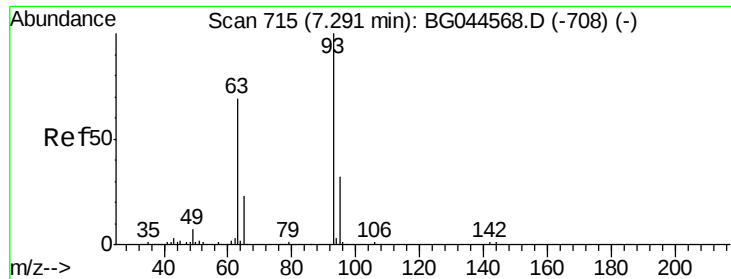
Delta R.T. 0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.8	6.4	46.4		
66	33.3	13.9	53.9		





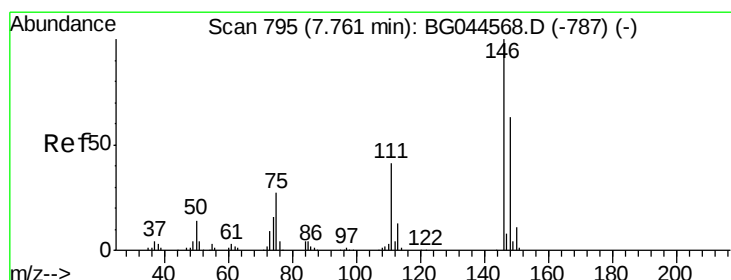
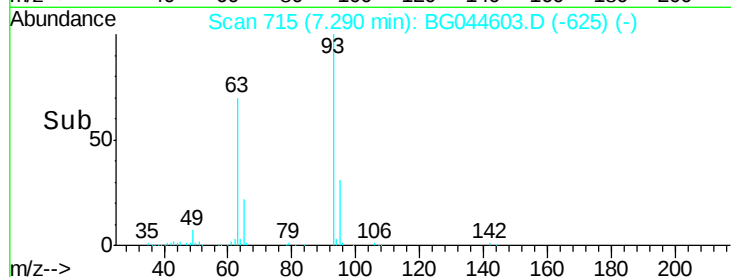
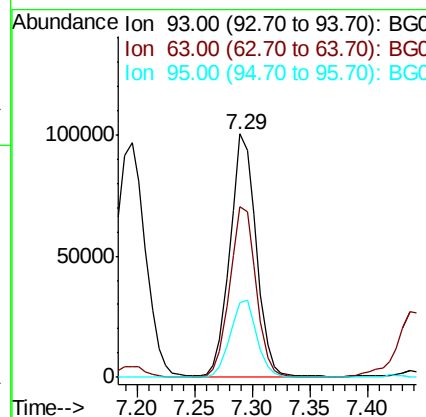
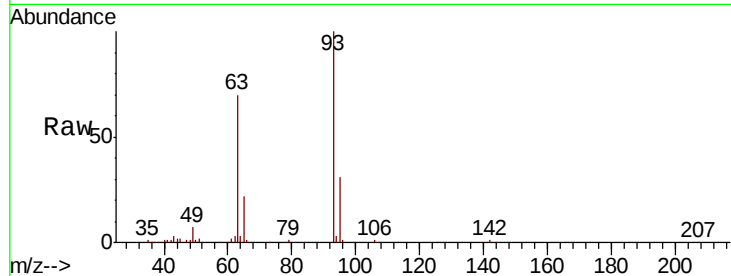
#11
bis(2-Chloroethyl)ether
Concen: 39.003 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	158982		
63	70.0		48.9	88.9
95	30.8		11.3	51.3

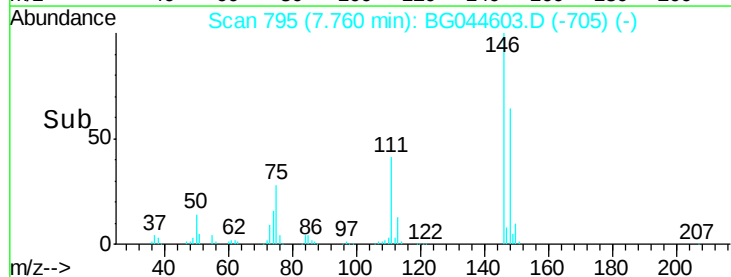
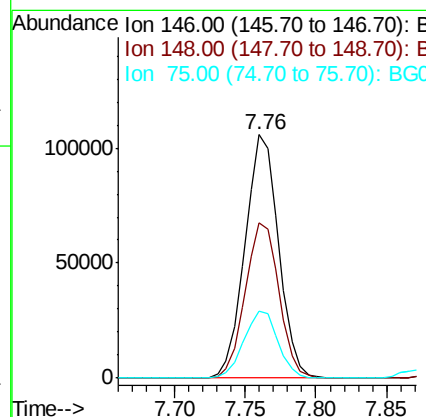
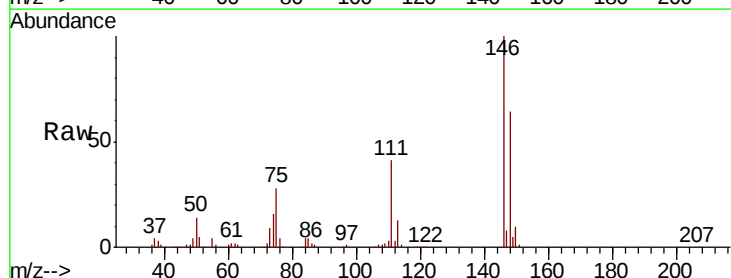
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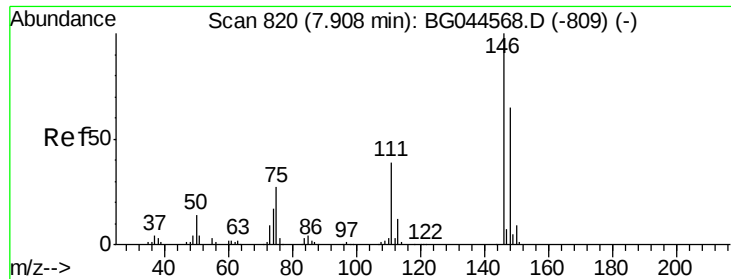
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.107 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	176601		
148	63.5		50.6	75.8
75	27.6		21.4	32.0





#13

1,4-Dichlorobenzene

Concen: 37.702 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

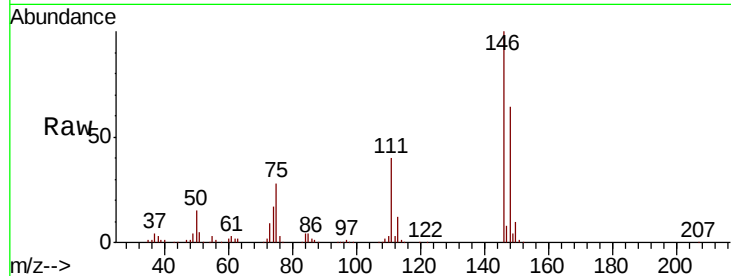
ClientSampled :

PB127090BS

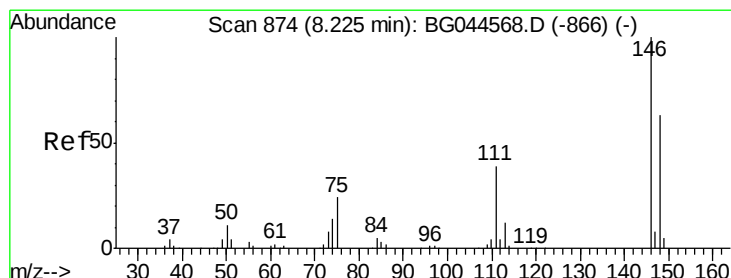
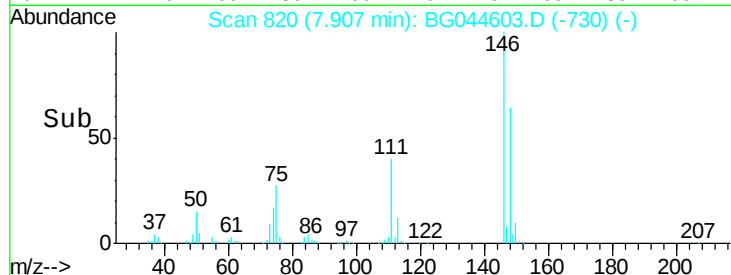
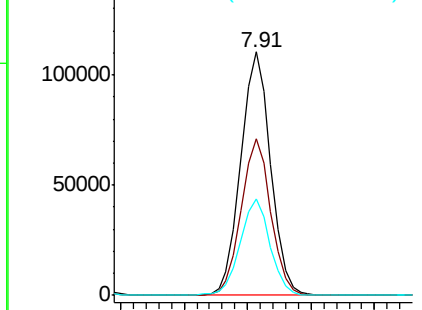
Tot Ion:	146	Resp:	180329
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.9	77.9
111	39.8	30.8	46.2

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Abundance Ion 146.00 (145.70 to 146.70): E
150000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.475 ng

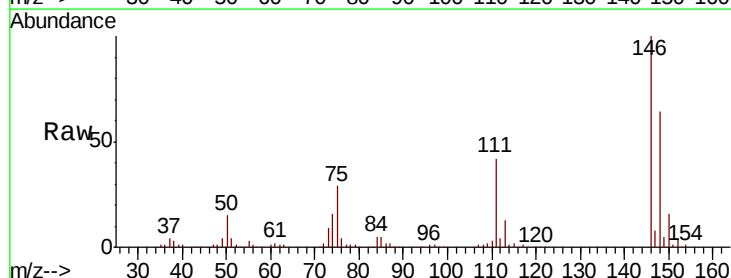
RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

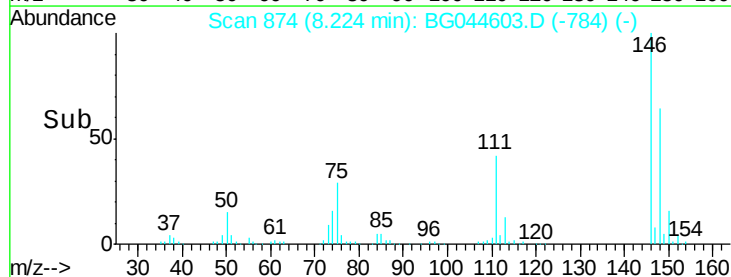
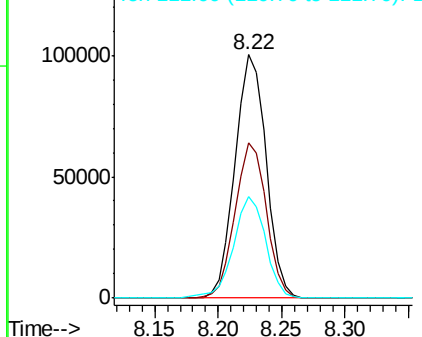
Lab File: BG044603.D

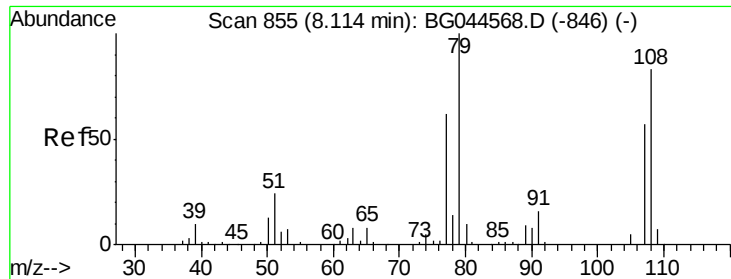
Acq: 26 Feb 2020 14:33

Tgt Ion:	146	Resp:	170455
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.7	76.1
111	41.8	31.8	47.6



Abundance Ion 146.00 (145.70 to 146.70): E
100000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.642 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

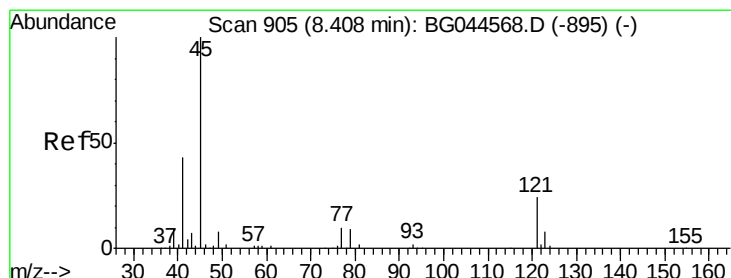
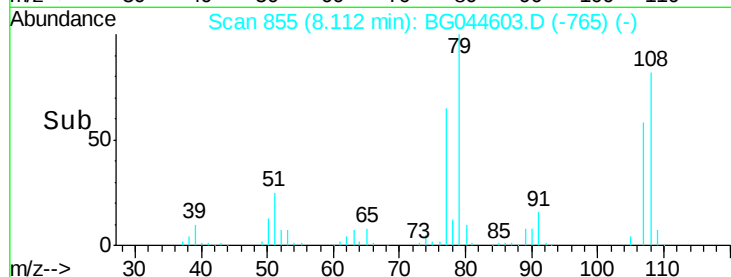
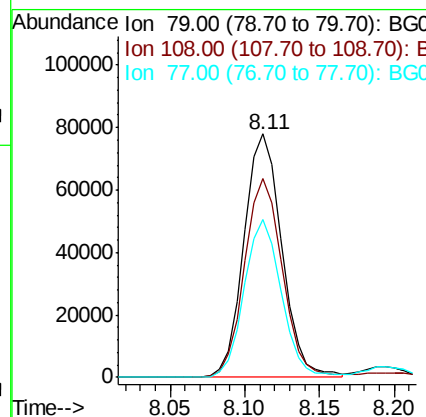
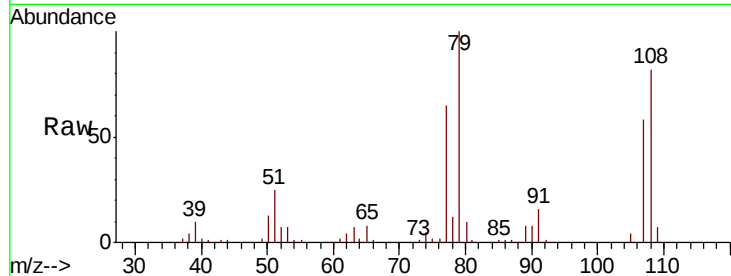
ClientSampled :

PB127090BS

Tot Ion:	79	Resp:	137144
Ion Ratio	Lower	Upper	
79	100		
108	81.8	66.0	99.0
77	64.7	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.074 ng

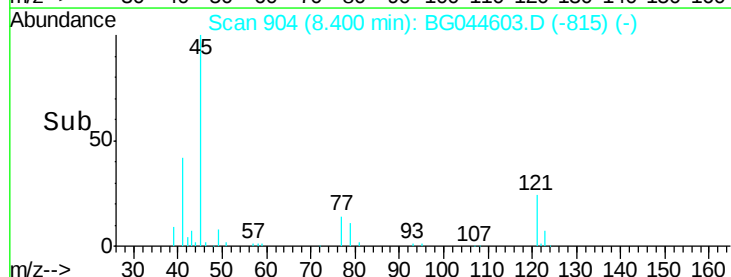
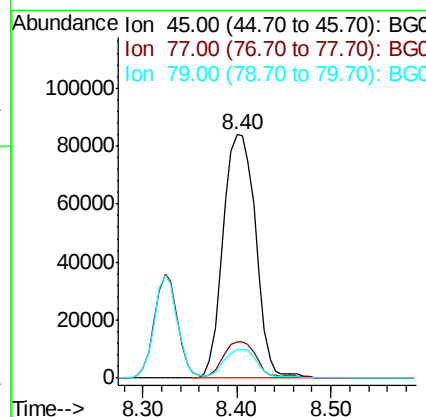
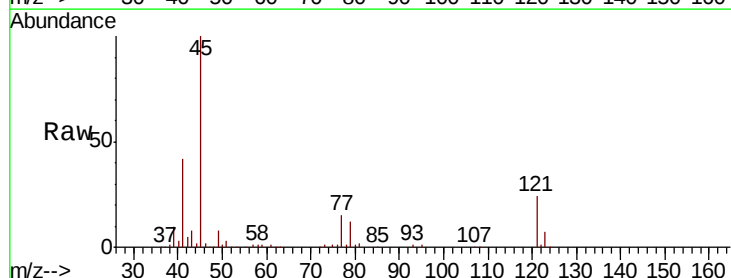
RT: 8.40 min Scan# 904

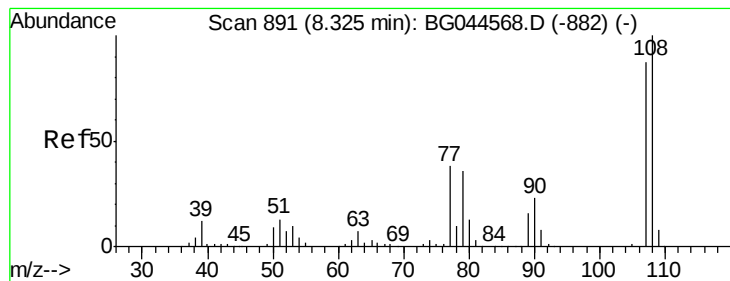
Delta R.T. -0.01 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion:	45	Resp:	203098
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	34.4
79	12.0	0.0	32.3





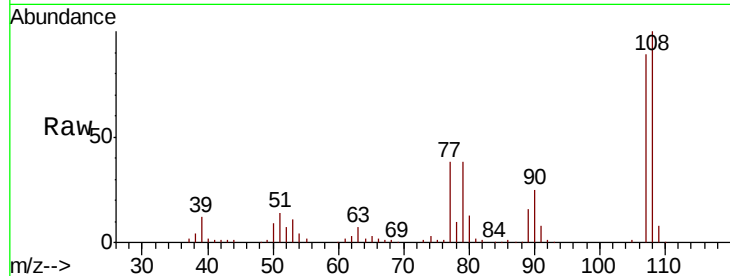
#17
2-Methylphenol
Concen: 41.865 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	107	Resp	145017
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	43.2	35.1	52.7
79	42.2	33.2	49.8

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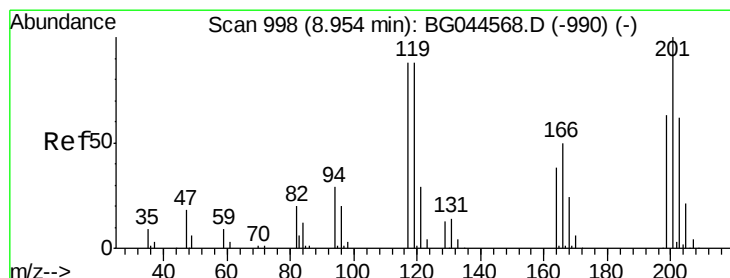
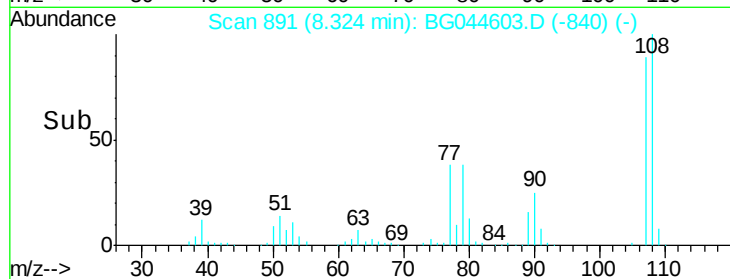
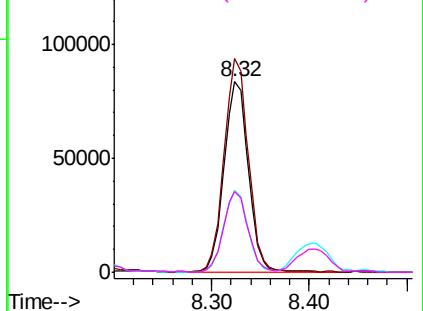
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

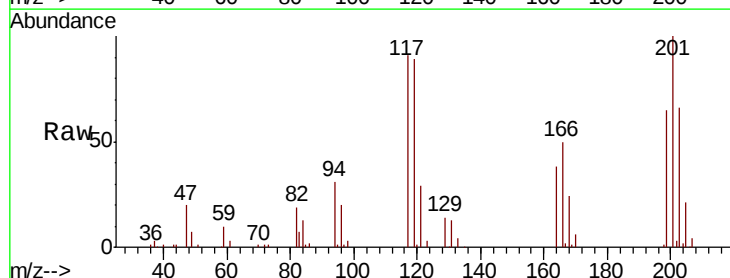
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.399 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	117	Resp	65373
Ion	Ratio	Lower	Upper
117	100		
119	97.3	80.0	120.0
201	109.3	90.5	135.7

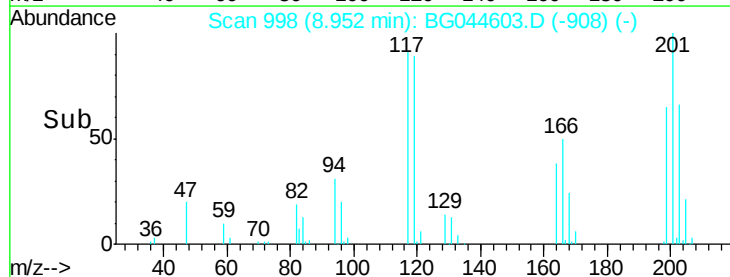
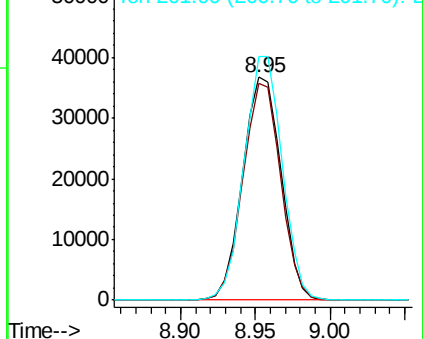


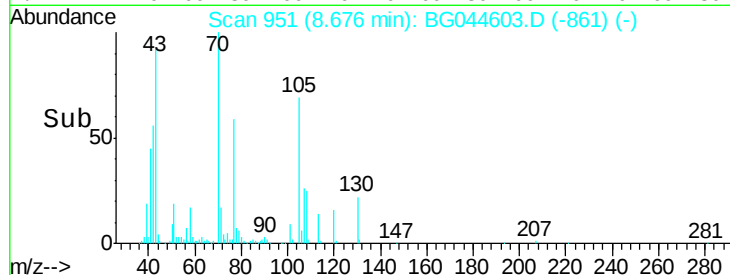
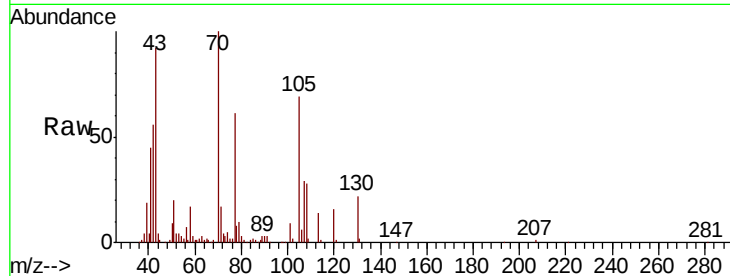
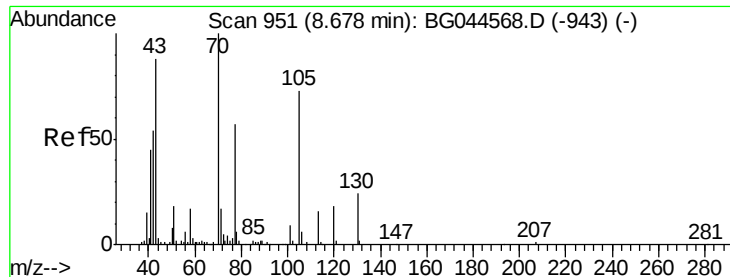
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





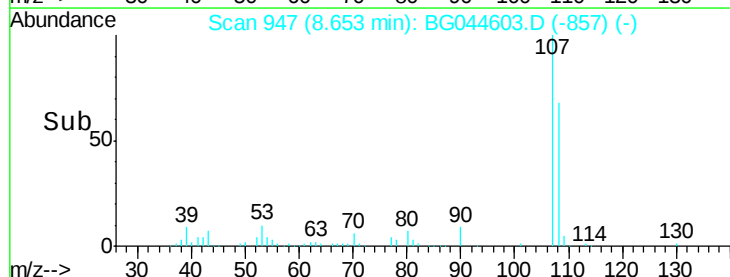
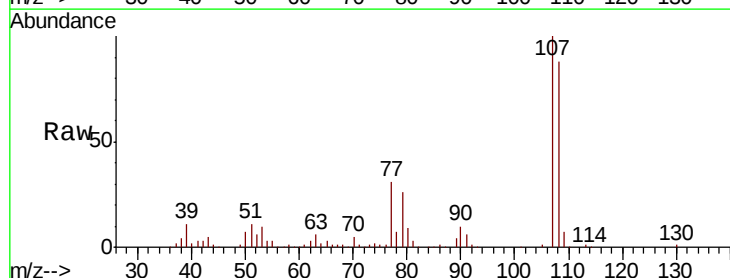
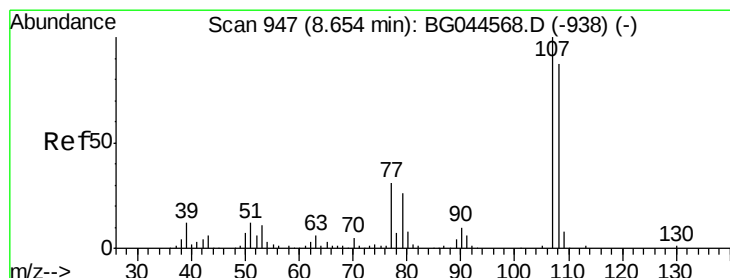
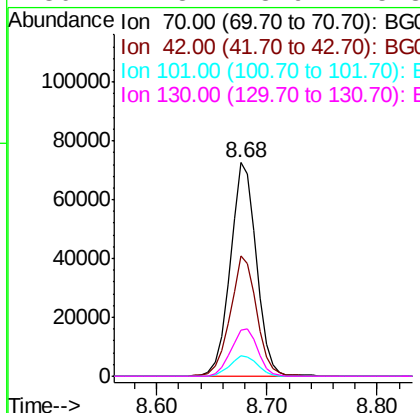
#19
n-Nitroso-di-n-propylamine
Concen: 37.277 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	43.4	65.0	
101	9.5	7.5	11.3	
130	21.8	18.9	28.3	

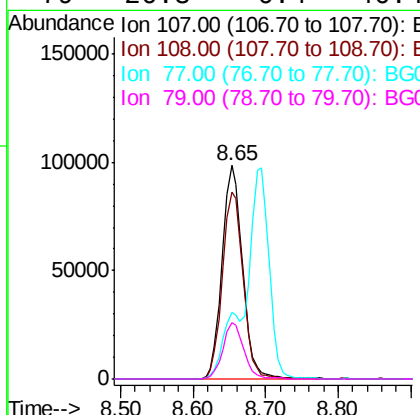
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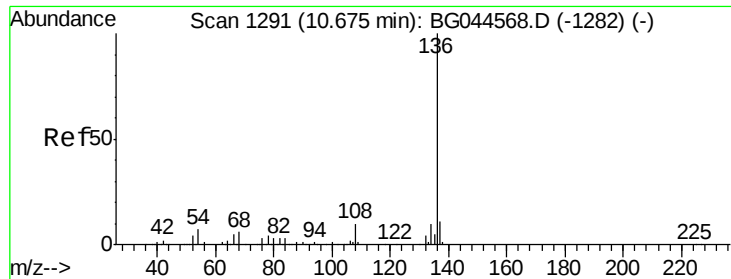
mohammad
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#20
3+4-Methylphenols
Concen: 40.965 ng
RT: 8.65 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	67.5	107.5	
77	31.3	11.3	51.3	
79	26.3	6.4	46.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

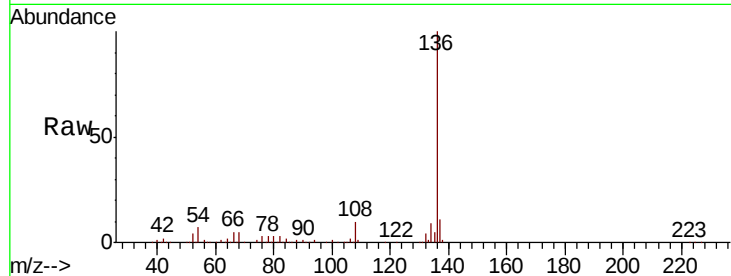
ClientSampleId :

PB127090BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	247824		
137	11.1	8.8	13.2	
54	7.3	5.7	8.5	
68	5.4	4.5	6.7	

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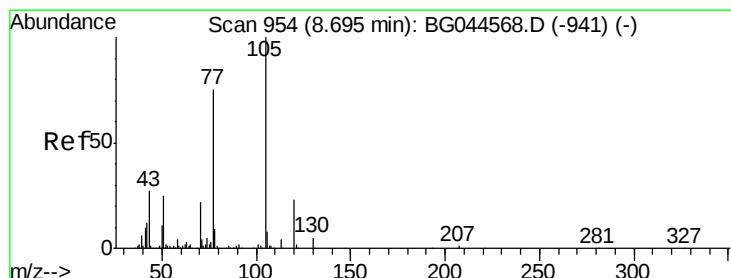
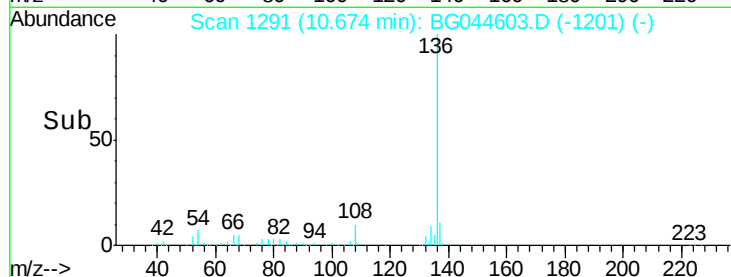
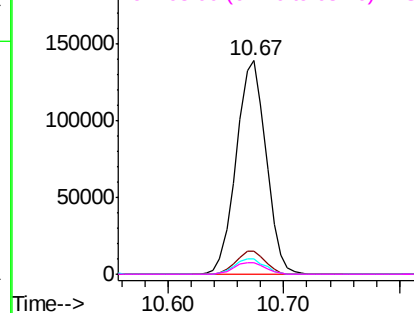
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.451 ng

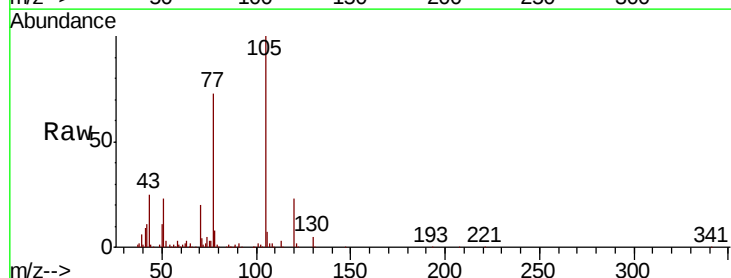
RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233024		
71	3.6	2.8	4.2	
51	23.2	19.9	29.9	
120	22.8	18.6	28.0	



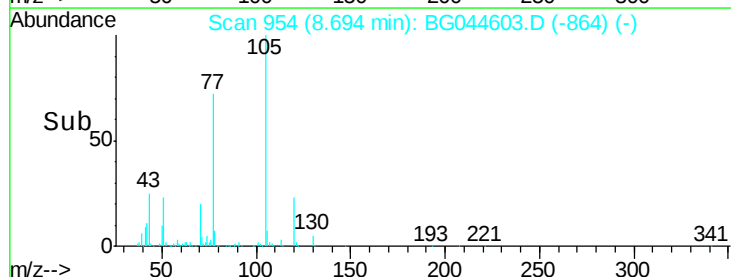
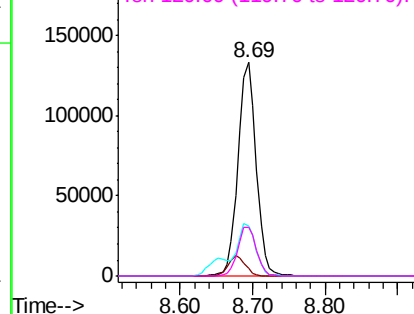
Abundance

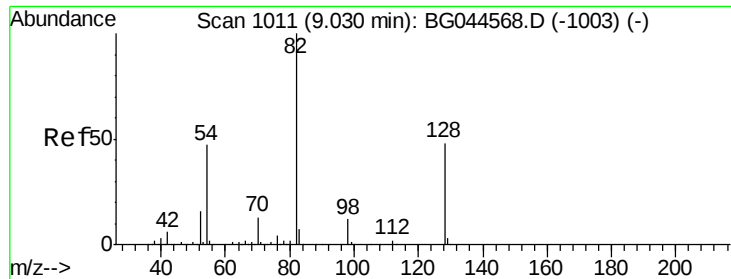
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





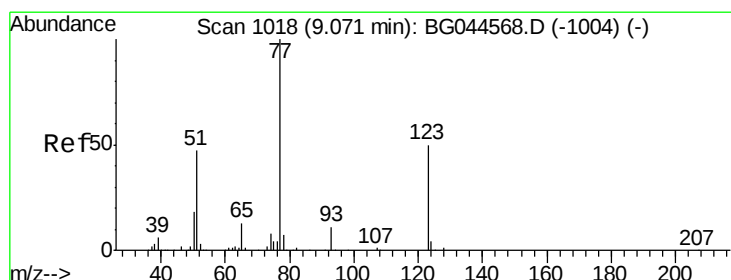
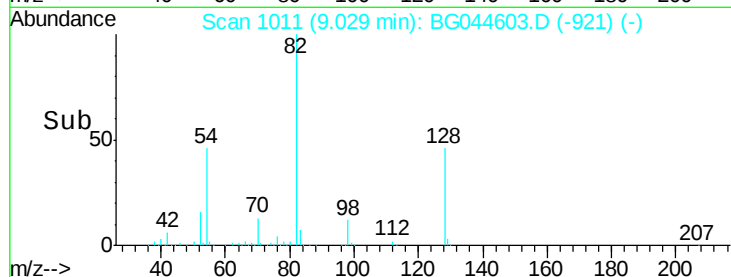
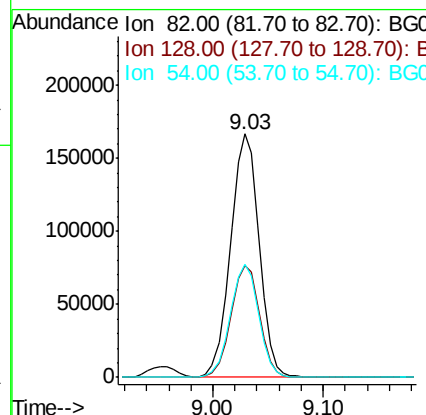
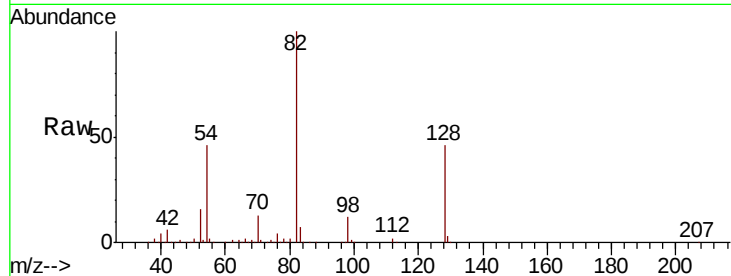
#23
Nitrobenzene-d5
Concen: 62.555 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	300915		
128	45.9		38.1	57.1
54	46.5		37.5	56.3

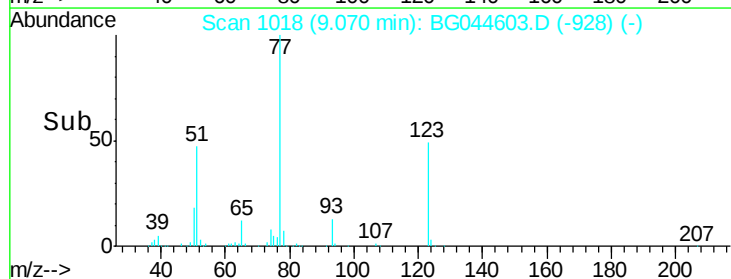
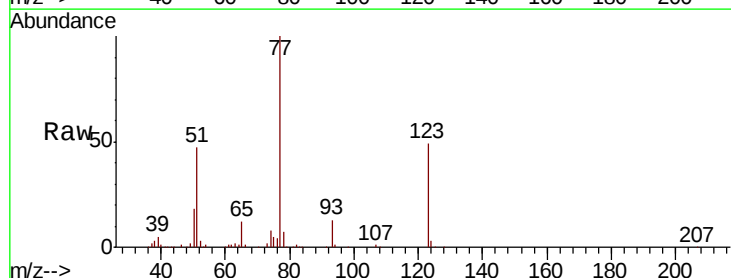
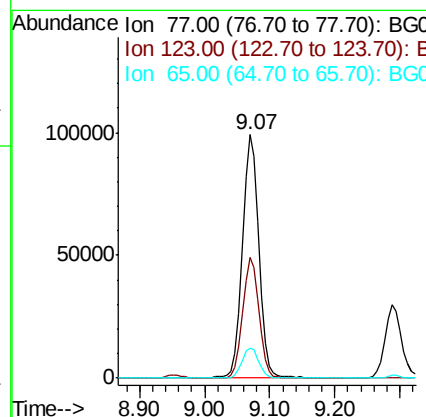
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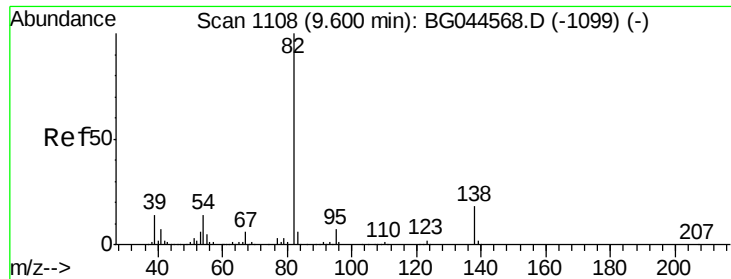
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#24
Nitrobenzene
Concen: 37.270 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	173694		
123	49.5		40.1	60.1
65	12.2		10.4	15.6





#25

Isophorone

Concen: 36.581 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

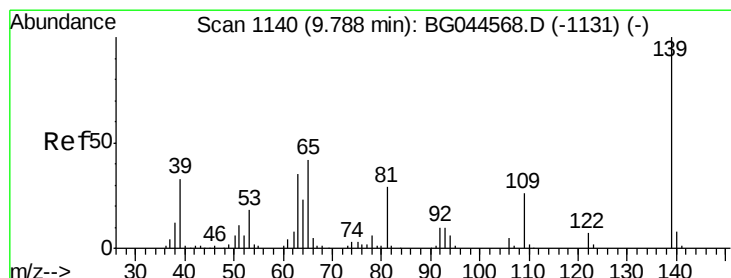
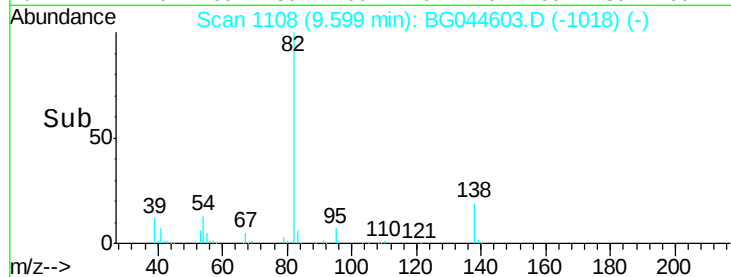
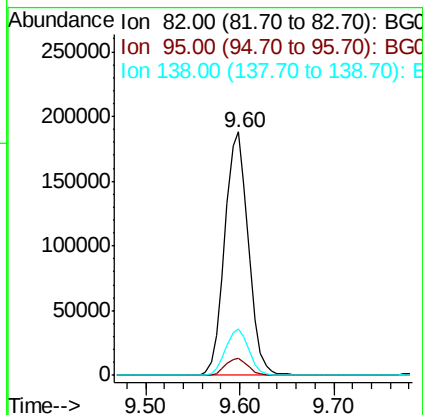
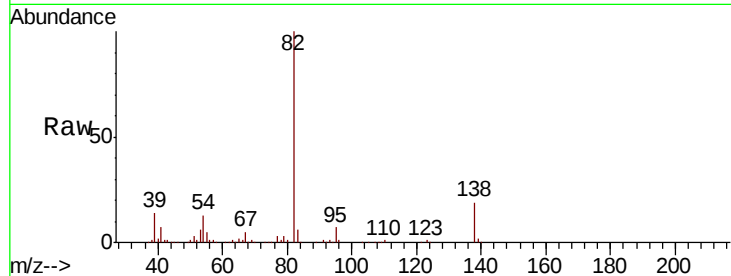
ClientSampleId :

PB127090BS

Tot Ion:	82	Resp:	329188
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.1	14.7	22.1

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#26

2-Nitrophenol

Concen: 38.382 ng

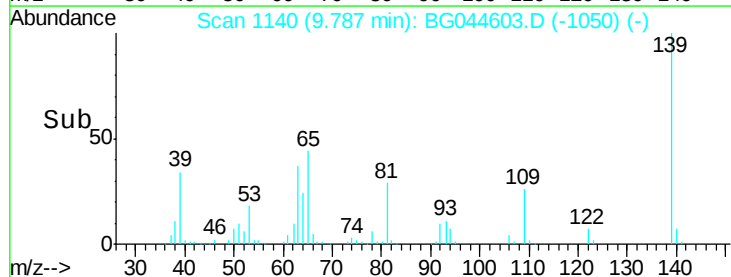
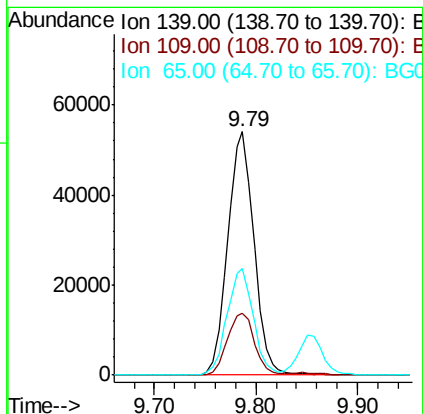
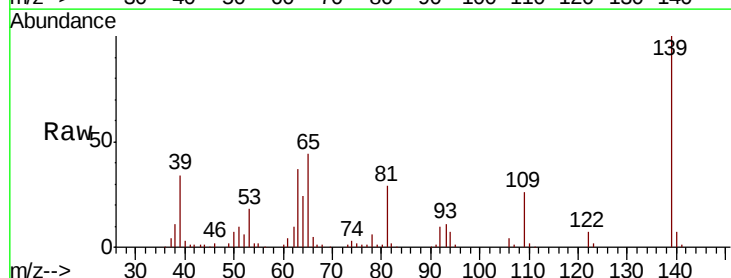
RT: 9.79 min Scan# 1140

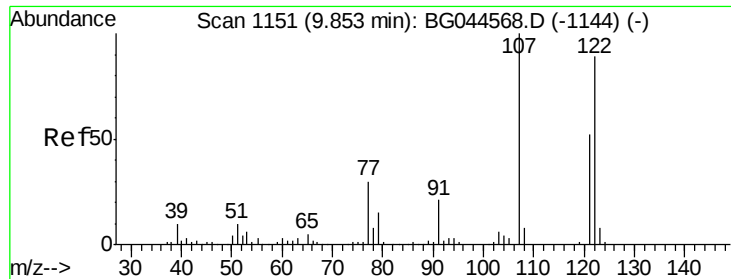
Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion:	139	Resp:	97010
Ion	Ratio	Lower	Upper
139	100		
109	25.5	20.6	31.0
65	43.9	33.3	49.9





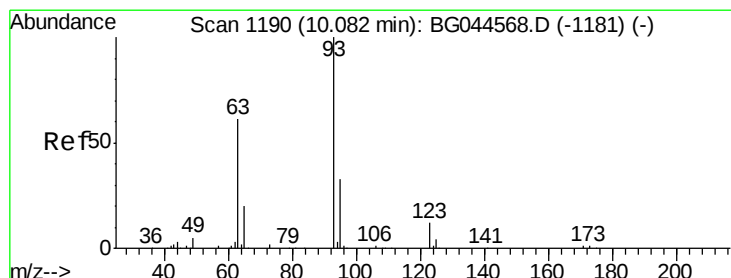
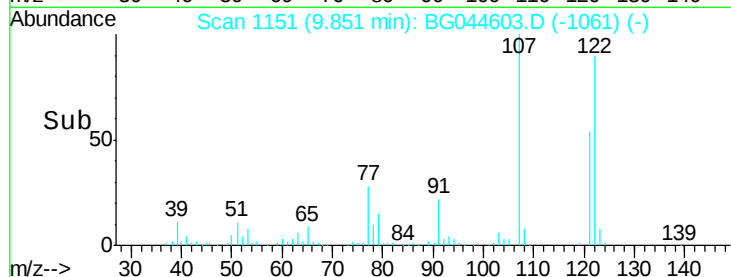
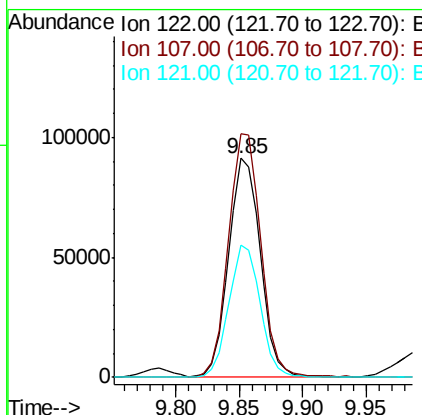
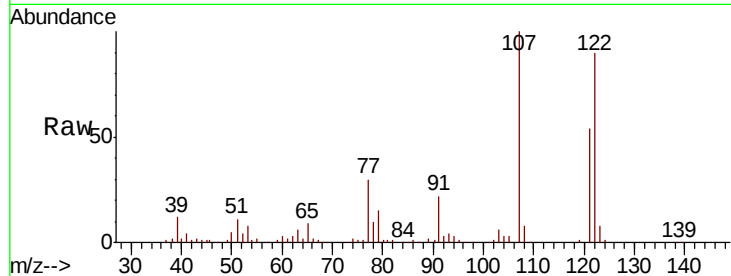
#27
 2,4-Dimethylphenol
 Concen: 44.349 ng
 RT: 9.85 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampled :
 PB127090BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	89.4	134.0
121	60.2	46.5	69.7

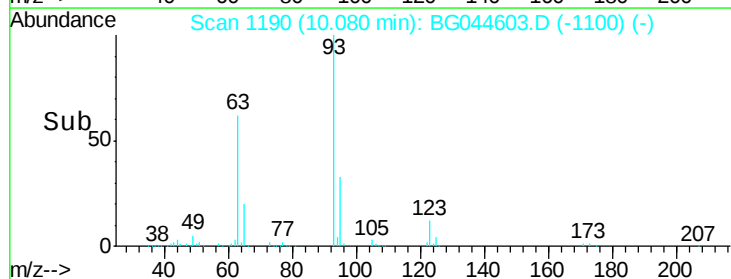
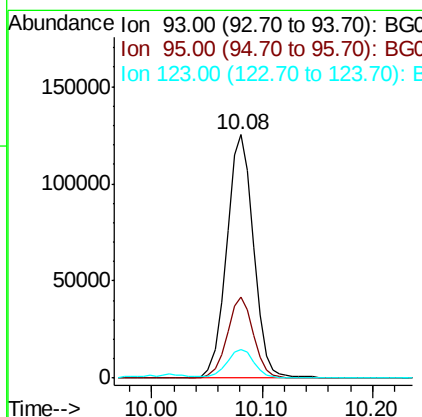
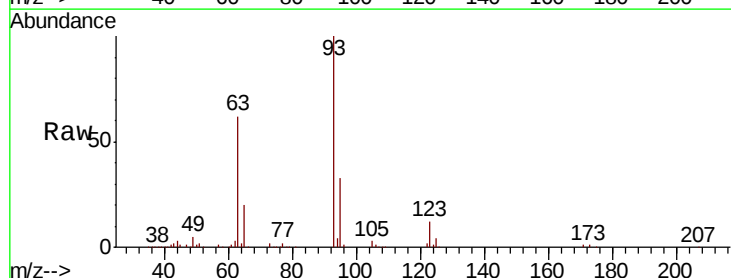
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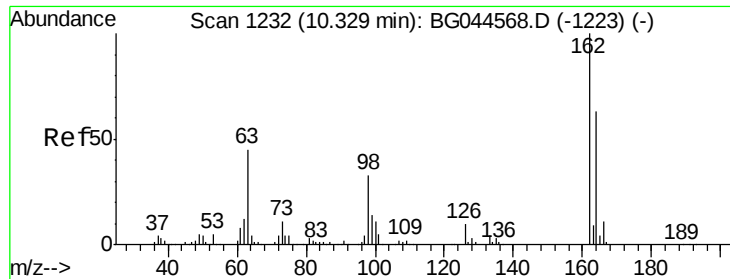
mohammad
 2/27/2020 4:58:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.867 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.6	9.7	14.5





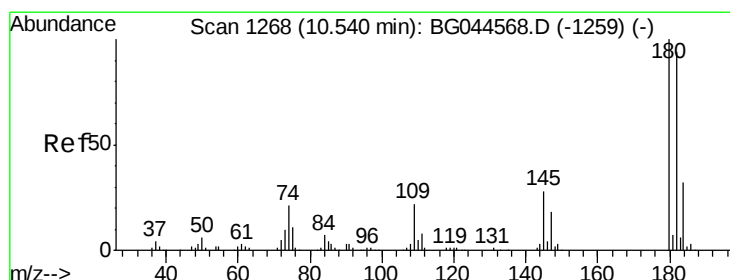
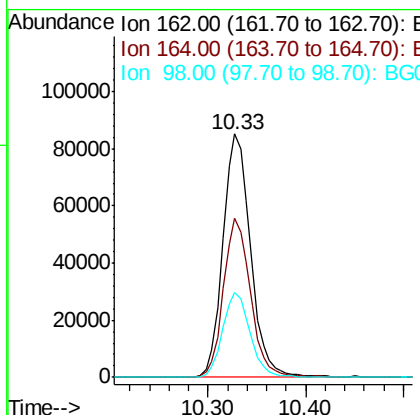
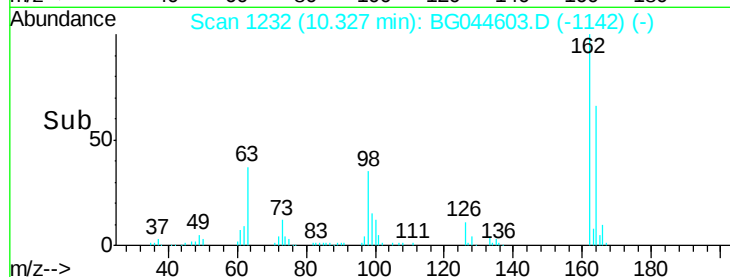
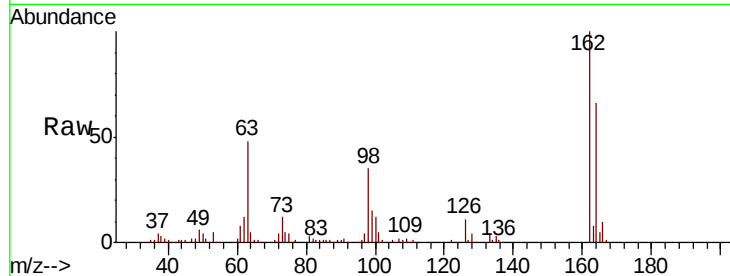
#29
 2,4-Dichlorophenol
 Concen: 39.424 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.2	83.2
98	35.1	13.2	53.2

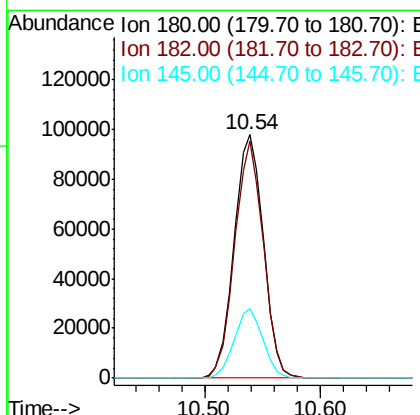
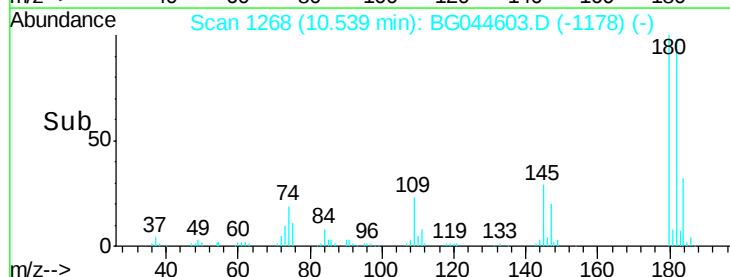
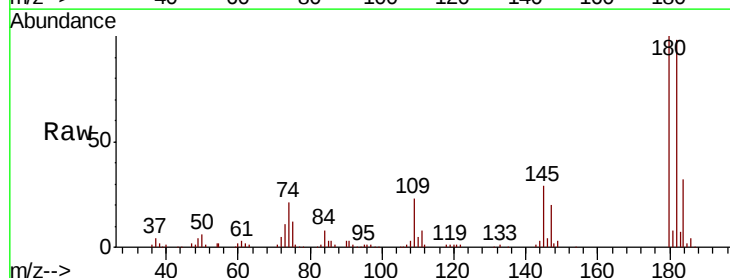
Manual Integrations
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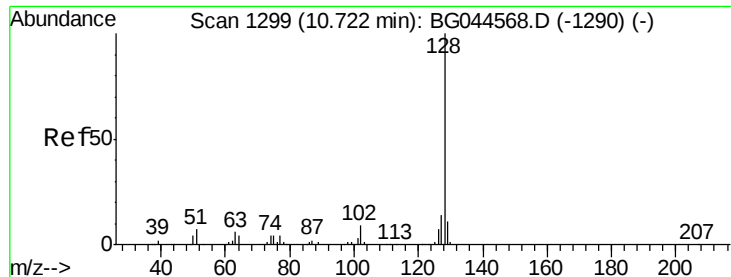
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.963 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.6	113.4
145	28.7	22.2	33.2





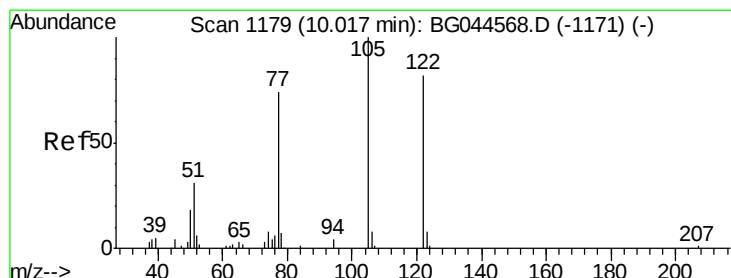
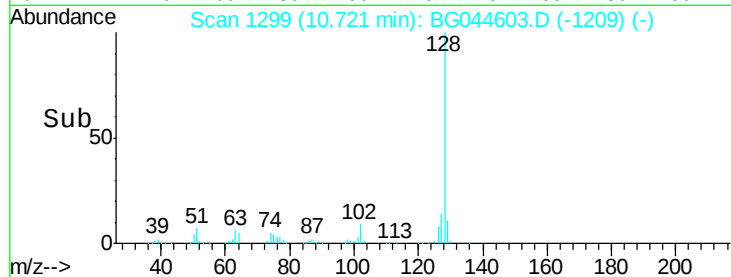
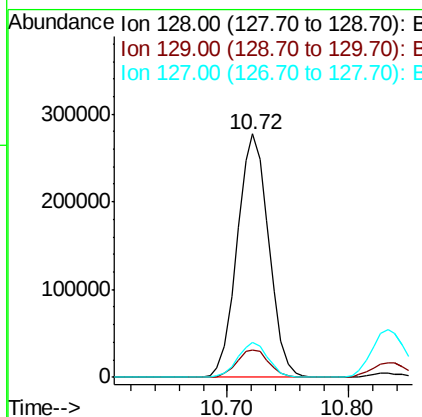
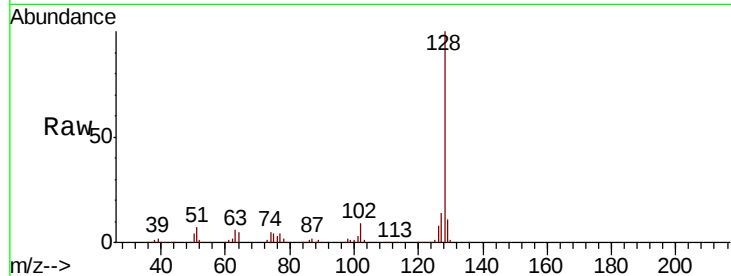
#31
Naphthalene
Concen: 37.198 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.2	11.0	16.4

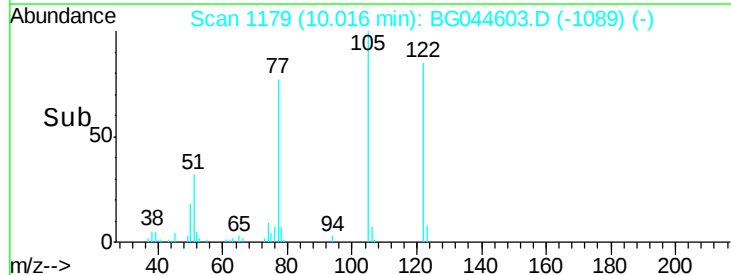
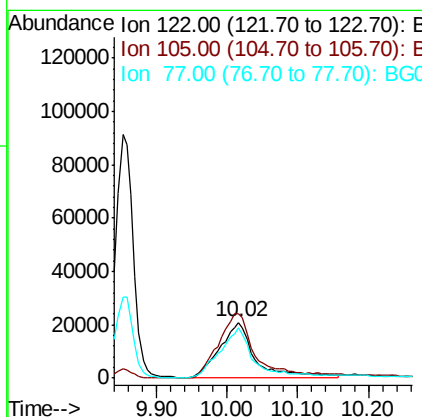
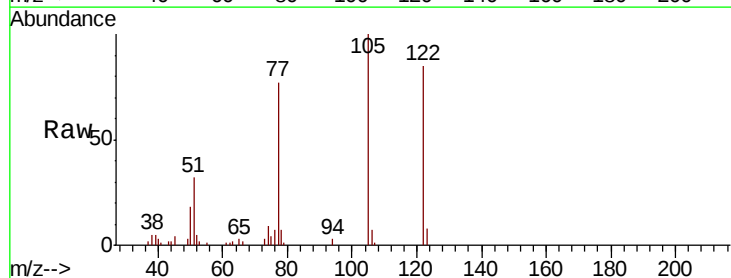
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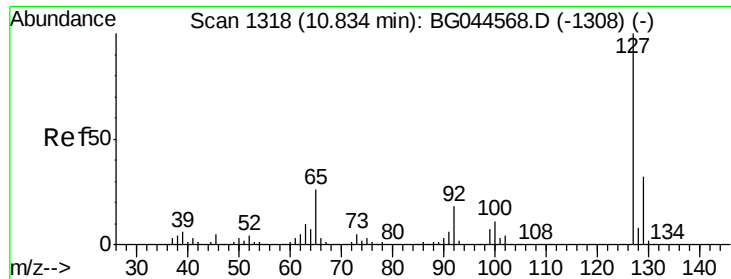
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#32
Benzoic acid
Concen: 50.891 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.3	101.4	141.4
77	89.8	69.8	109.8





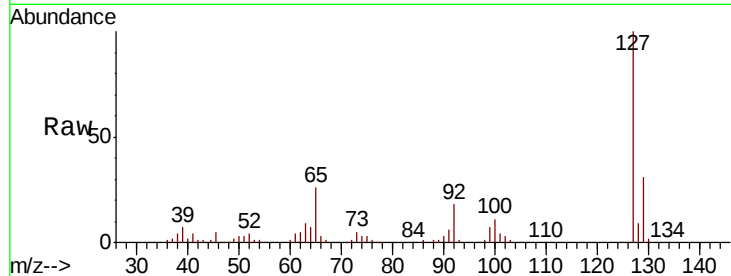
#33
4-Chloroaniline
Concen: 19.140 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7	25.9	38.9		
65	25.7	20.7	31.1		
92	17.8	14.2	21.2		

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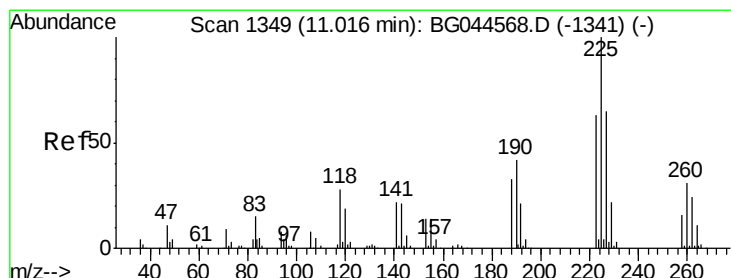
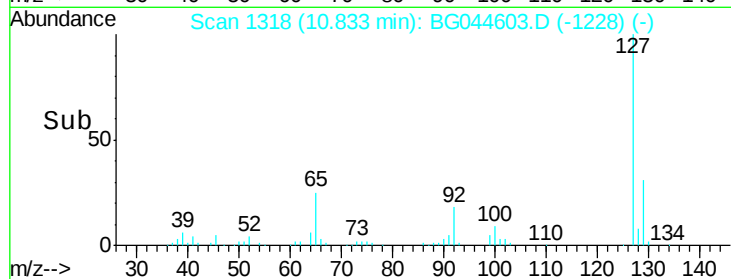
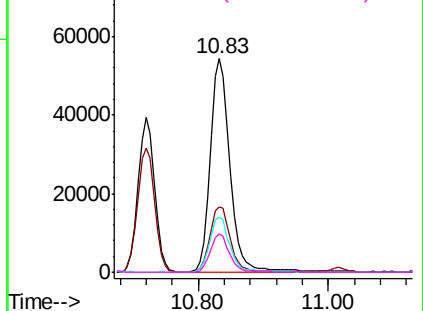
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

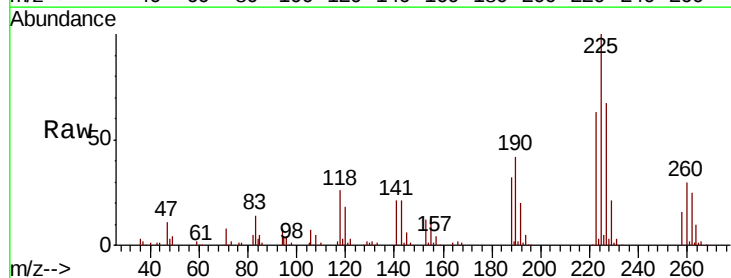
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.347 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.6	76.0		
227	66.8	52.1	78.1		

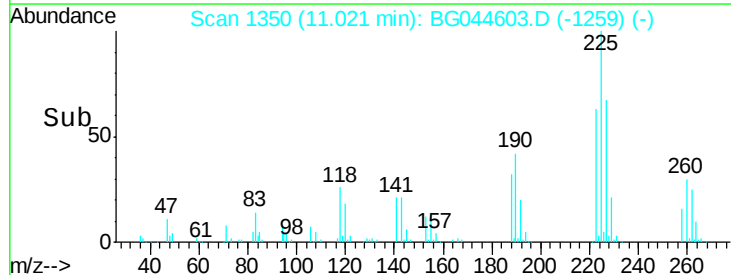
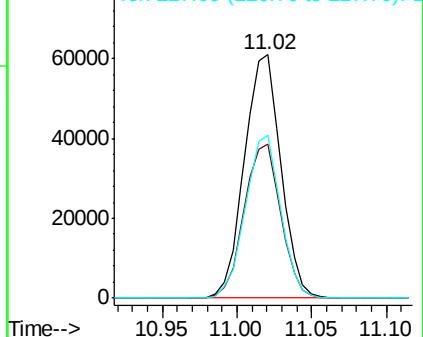


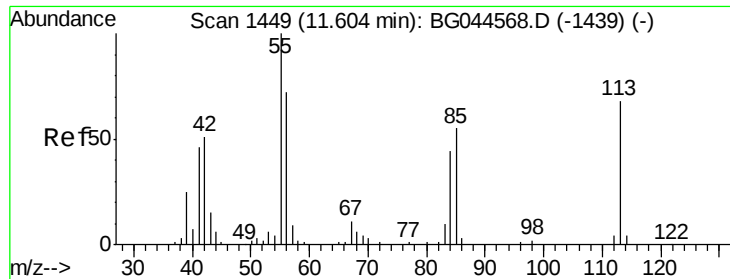
Abundance

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





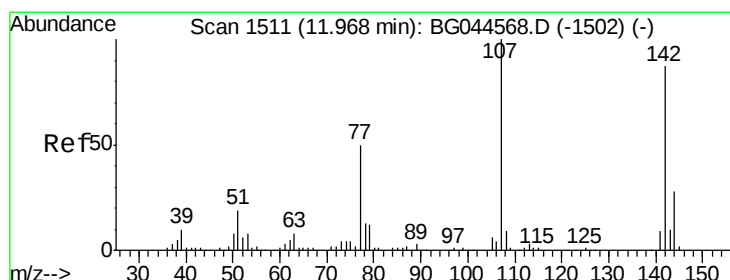
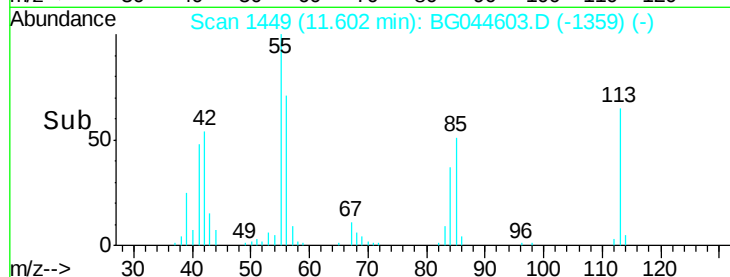
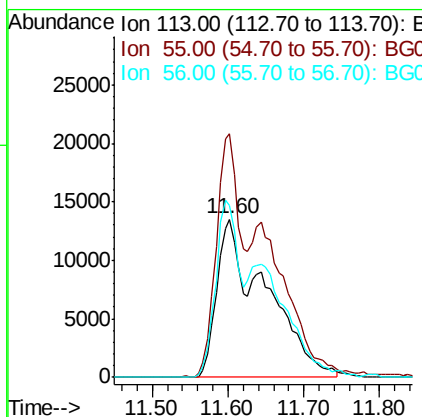
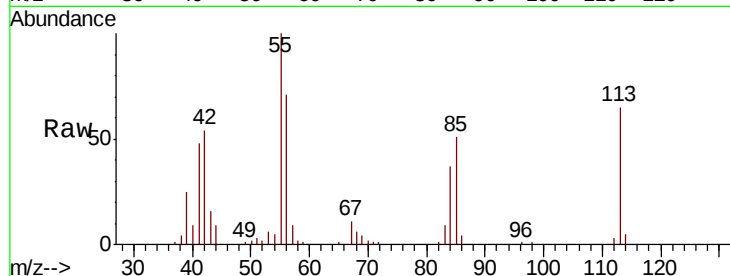
#35
 Caprolactam
 Concen: 39.672 ng/ml
 RT: 11.60 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleID :
 PB127090BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.6	127.8	167.8
56	108.4	86.9	126.9

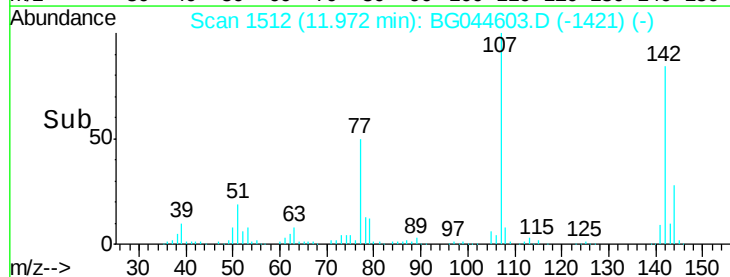
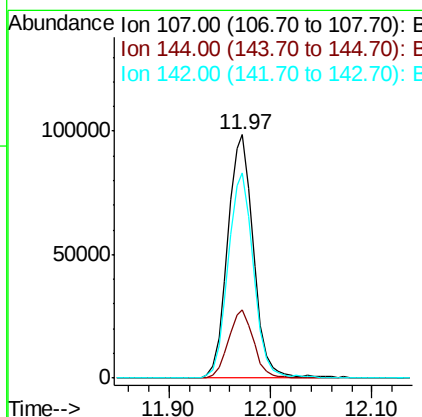
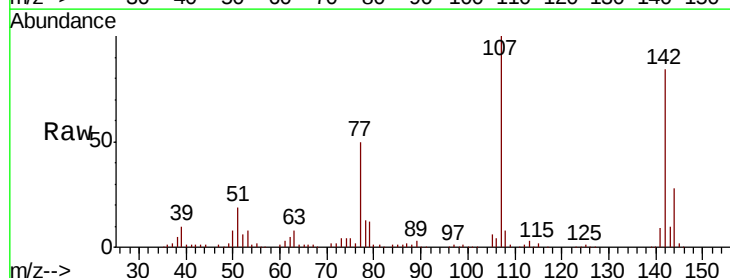
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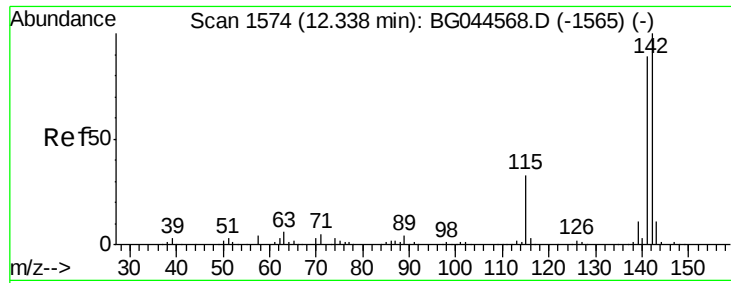
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#36
 4-Chloro-3-methylphenol
 Concen: 39.748 ng/ml
 RT: 11.97 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.3	33.5
142	84.1	69.3	103.9





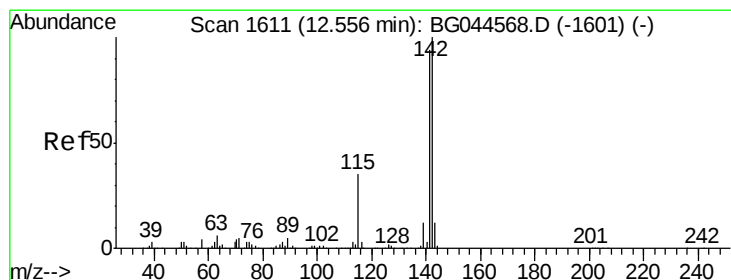
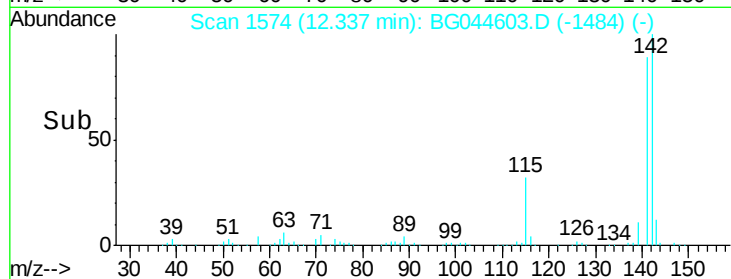
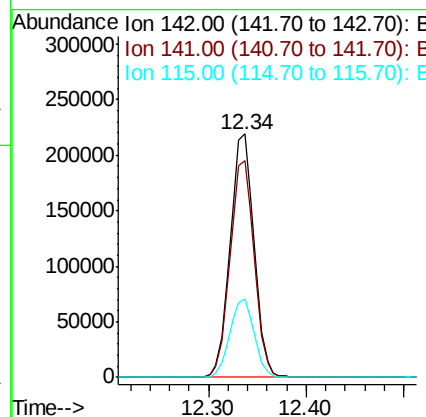
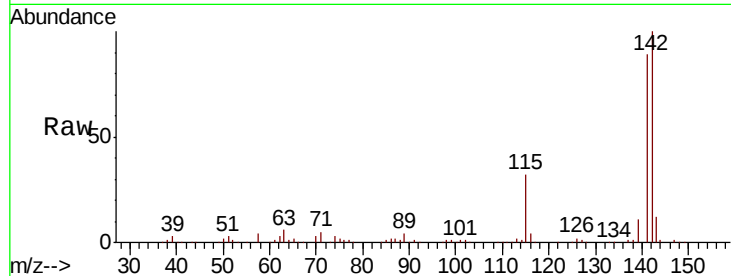
#37
2-Methylnaphthalene
Concen: 37.145 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	32.4	26.2	39.2

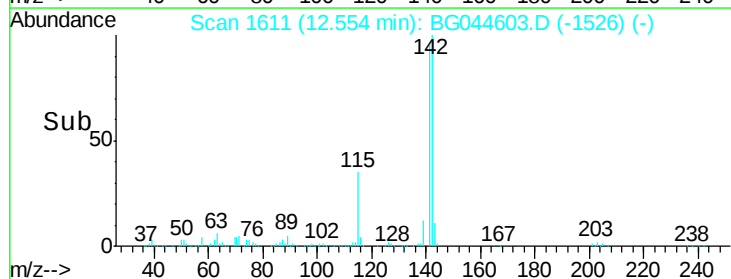
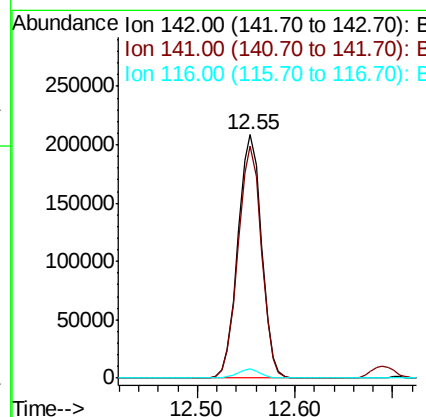
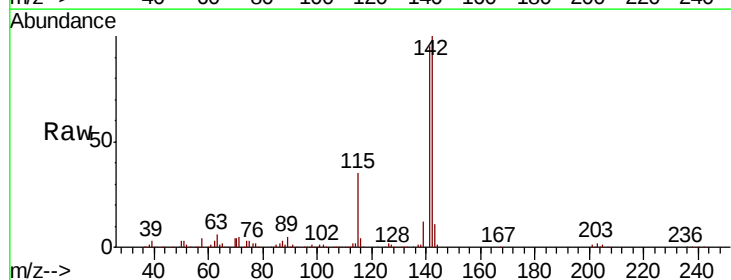
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#38
1-Methylnaphthalene
Concen: 36.932 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.1	112.7
116	3.6	2.6	4.0





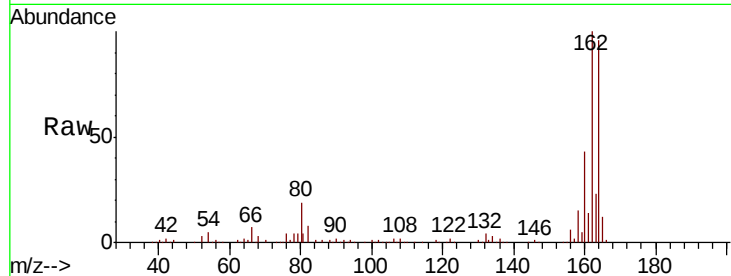
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.6	125.4
160	44.8	36.2	54.4

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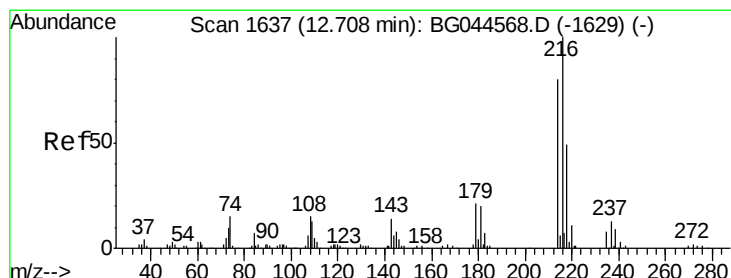
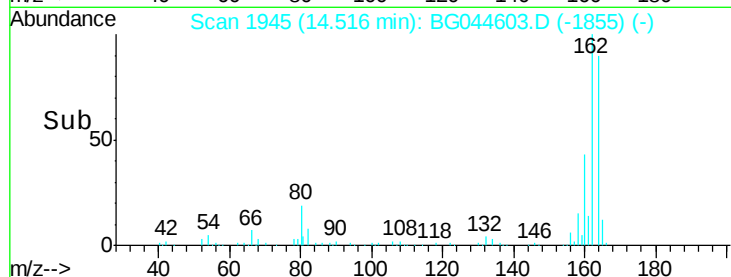
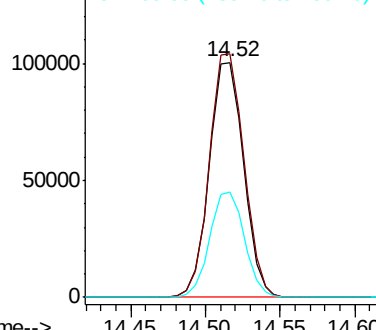


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.556 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.3	94.9
179	20.5	16.2	24.2
108	17.5	12.6	18.8

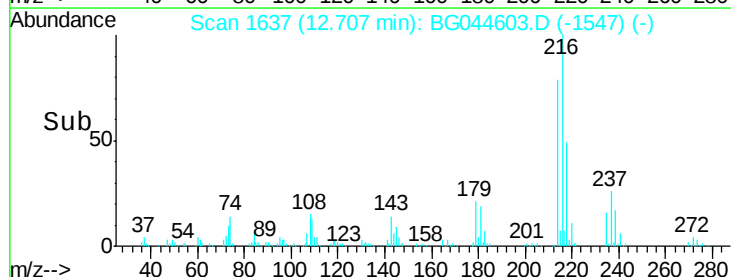
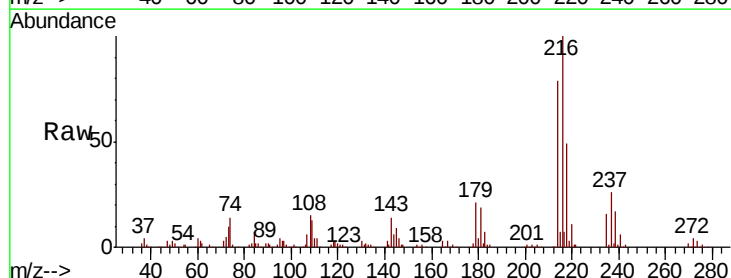
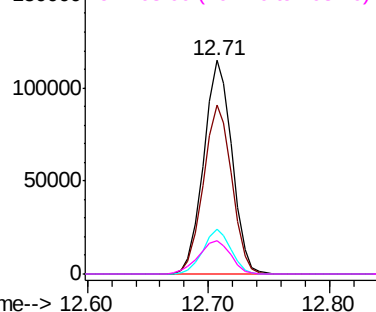
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 60.210 ng

RT: 12.69 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

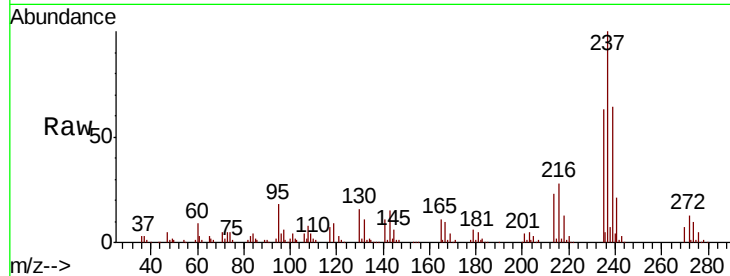
ClientSampleId :

PB127090BS

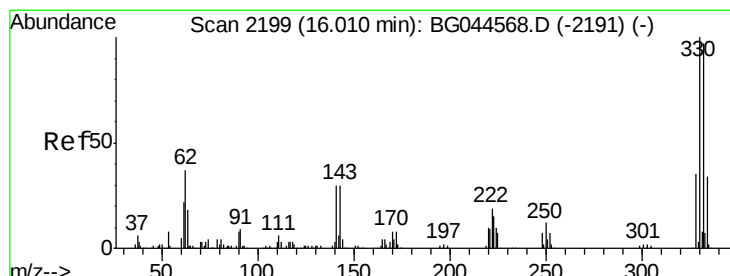
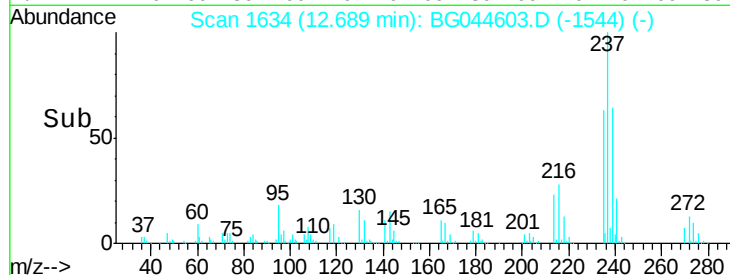
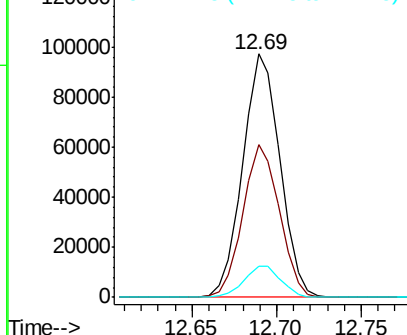
Tot Ion:	237	Resp:	149421
Ion Ratio	Lower	Upper	
237	100		
235	62.5	40.7	80.7
272	12.7	0.0	32.7

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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: 106.127 ng

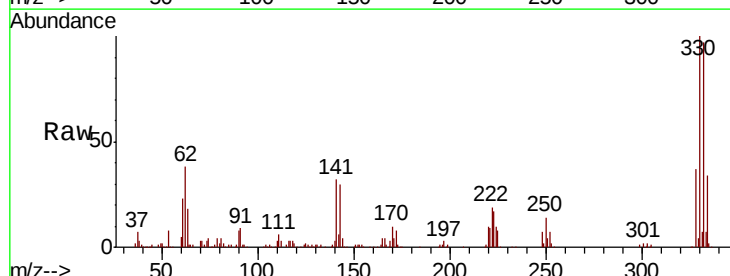
RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

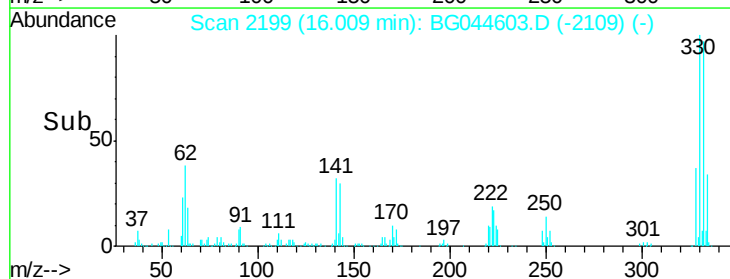
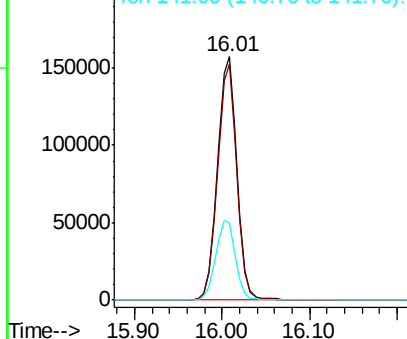
Lab File: BG044603.D

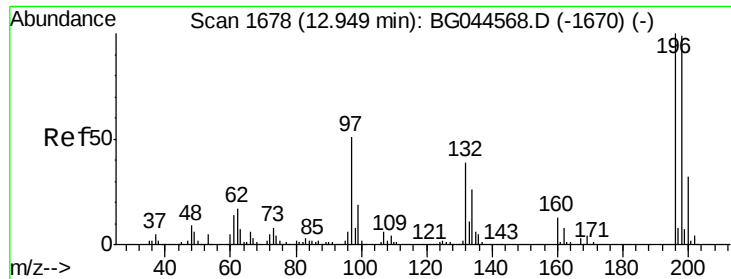
Acq: 26 Feb 2020 14:33

Tgt Ion:	330	Resp:	242323
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.4	116.0
141	33.4	26.1	39.1



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





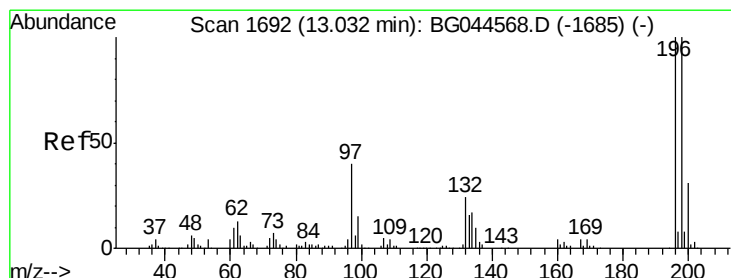
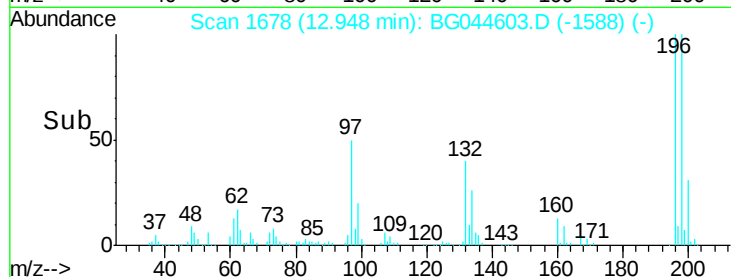
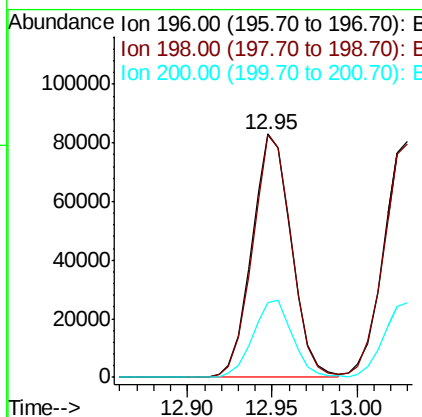
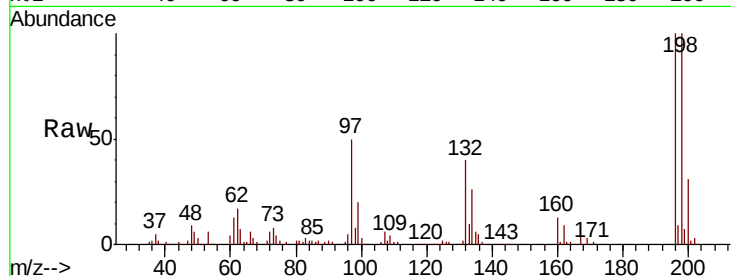
#43
 2,4,6-Trichlorophenol
 Concen: 38.159 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampled :
 PB127090BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	134320		
198	99.7	79.2	118.8	
200	30.5	25.7	38.5	

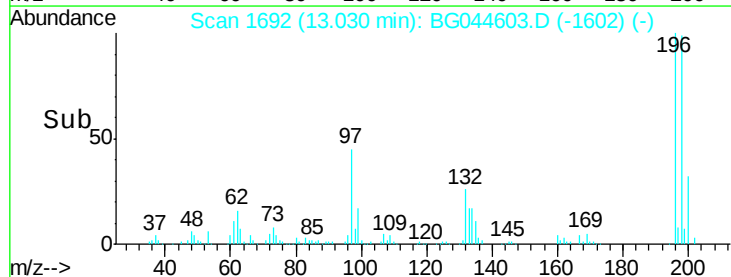
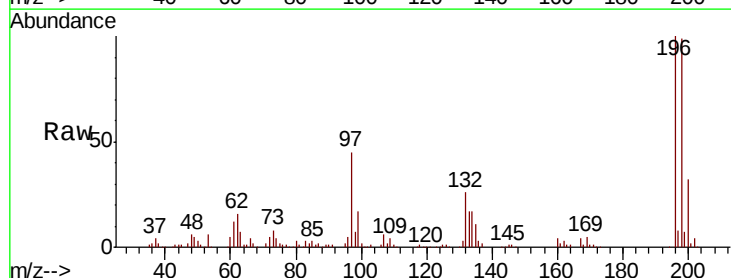
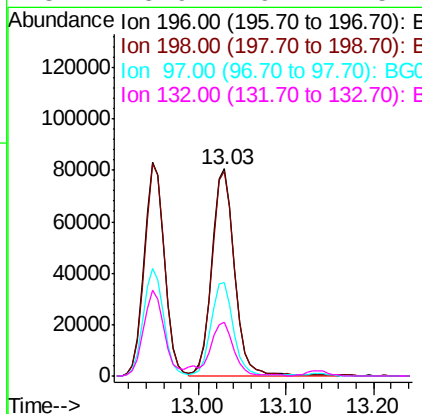
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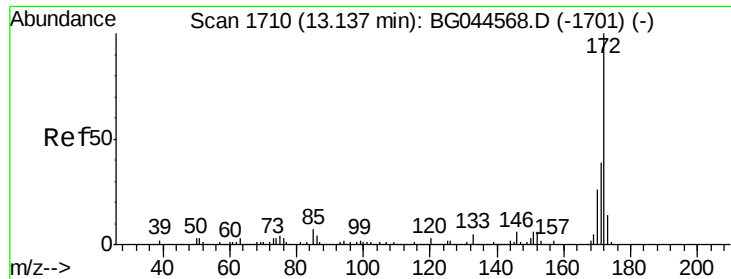
mohammad
 2/27/2020 4:58:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.978 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144558		
198	98.7	79.3	118.9	
97	44.9	32.3	48.5	
132	25.9	19.1	28.7	





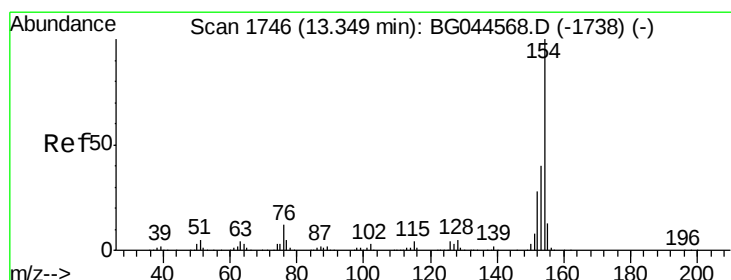
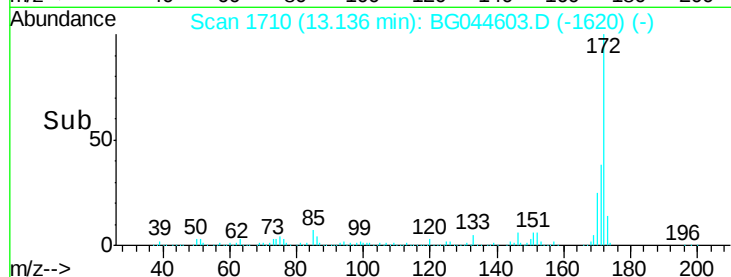
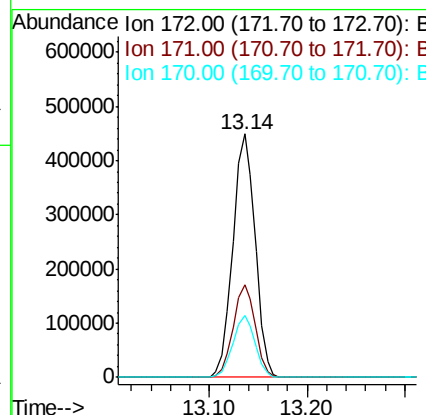
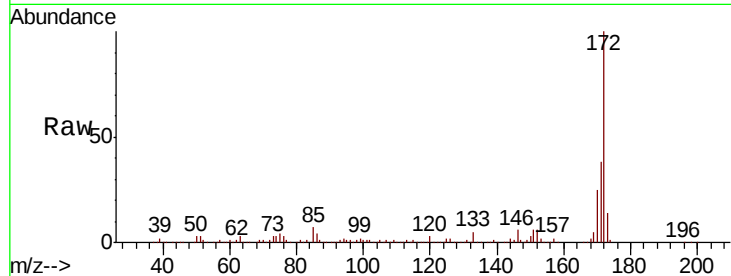
#45
 2-Fluorobiphenyl
 Concen: 63.021 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.3	21.0	31.4

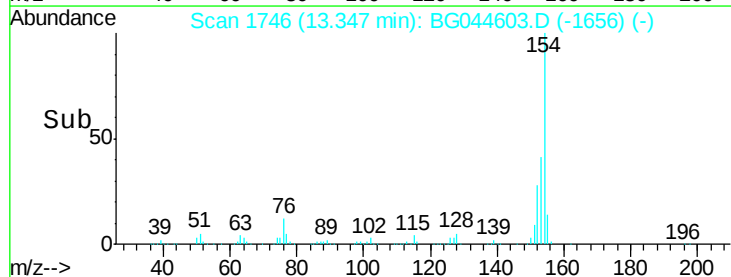
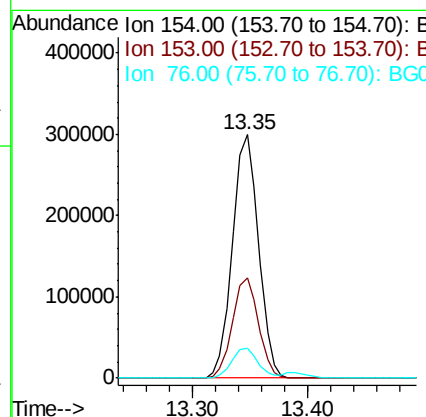
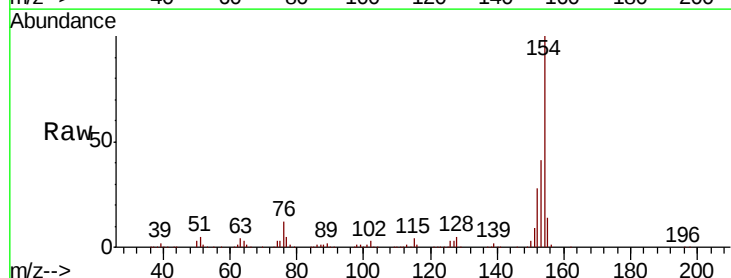
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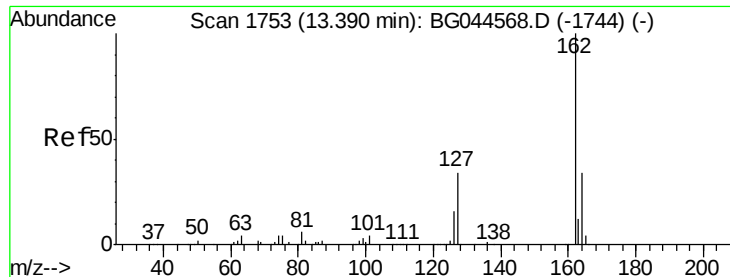
mohammad
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#46
 1,1'-Biphenyl
 Concen: 35.127 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	12.1	0.0	31.8





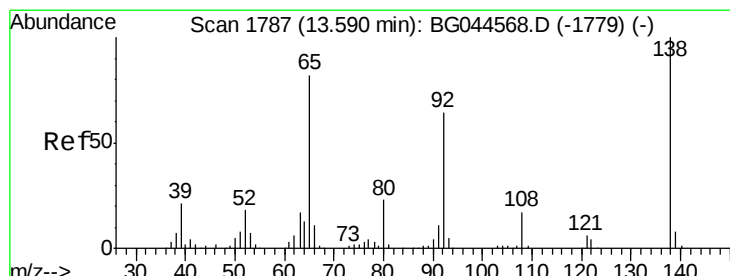
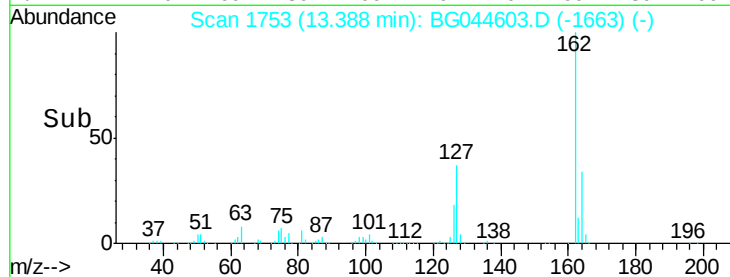
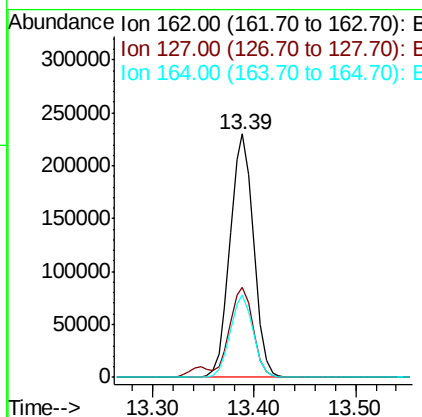
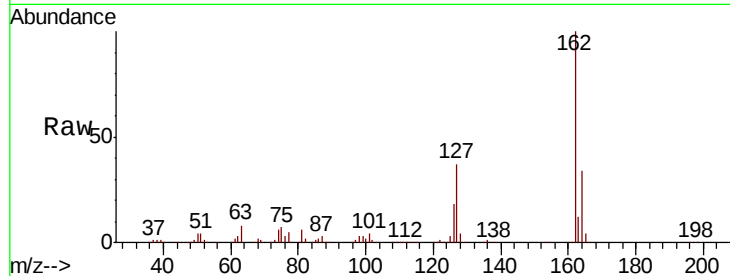
#47
 2-Chloronaphthalene
 Concen: 35.330 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	369195		
127	37.0	28.7	43.1	
164	33.6	27.3	40.9	

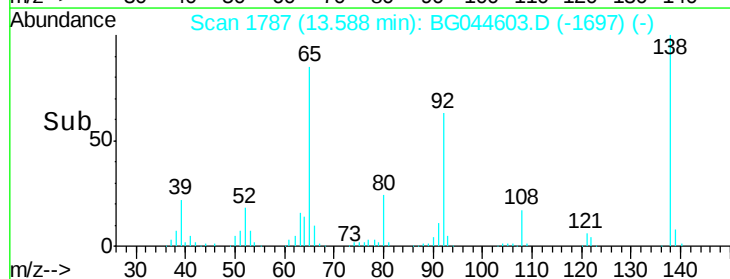
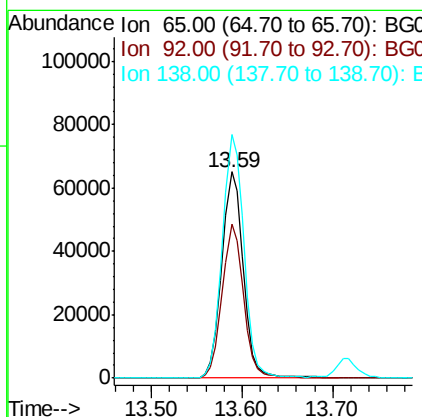
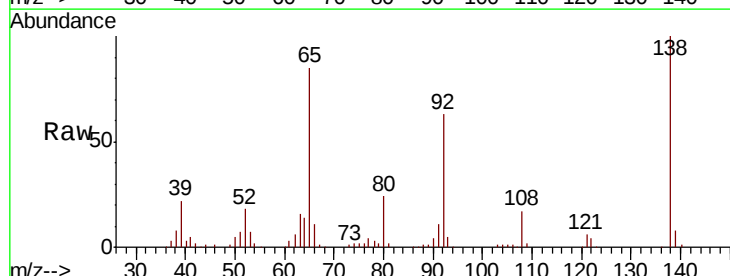
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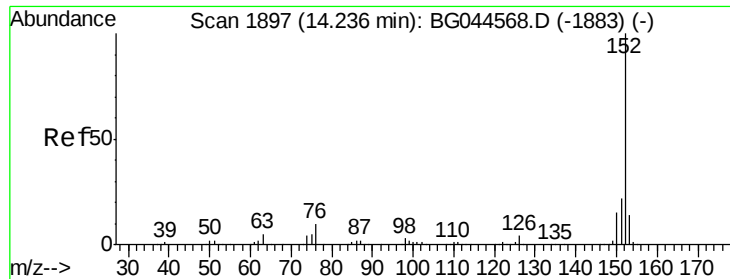
mohammad
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#48
 2-Nitroaniline
 Concen: 37.039 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	107441		
92	74.9	62.2	93.2	
138	118.2	97.6	146.4	





#49

Acenaphthylene

Concen: 37.731 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

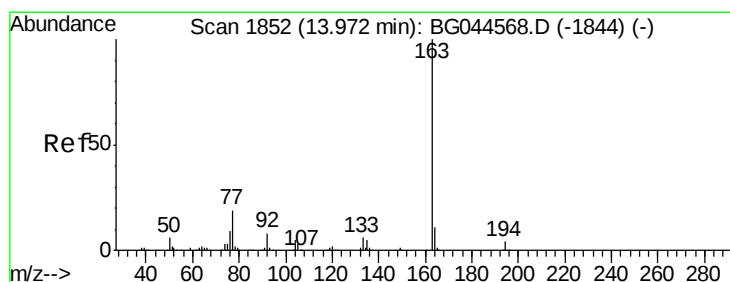
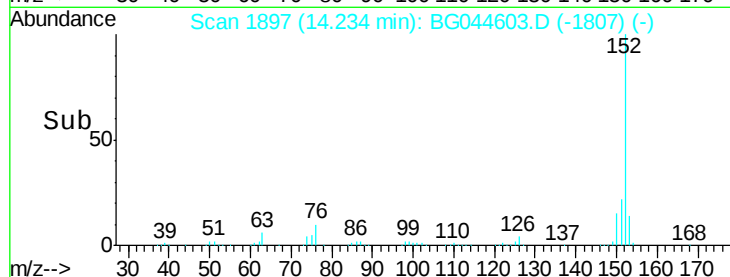
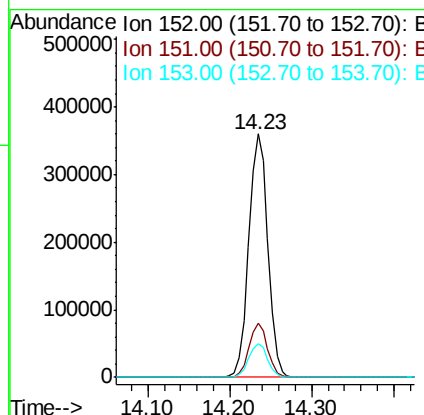
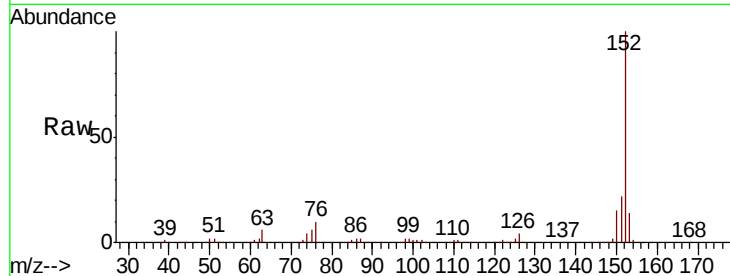
ClientSampleId :

PB127090BS

Tot Ion:	152	Resp:	582014
Ion Ratio		Lower	Upper
152	100		
151	22.0	17.7	26.5
153	14.1	11.3	16.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 36.546 ng

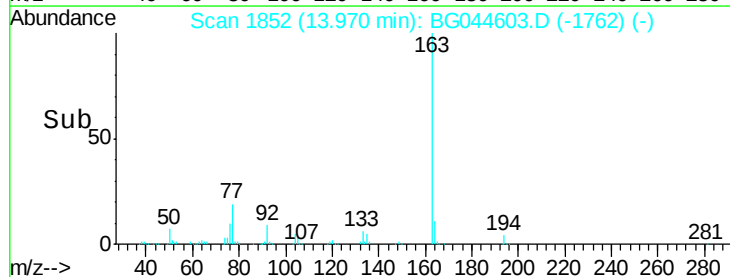
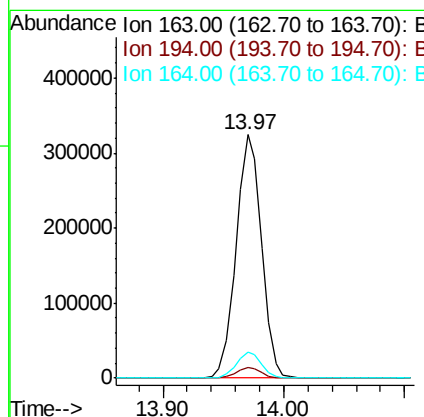
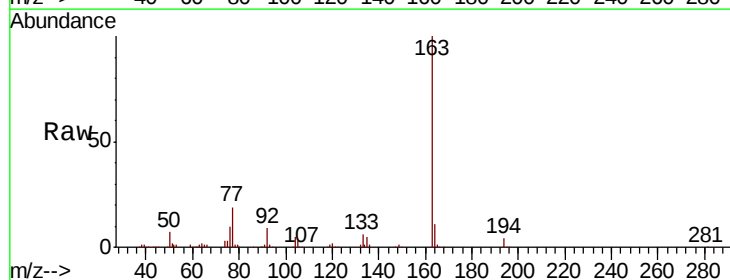
RT: 13.97 min Scan# 1852

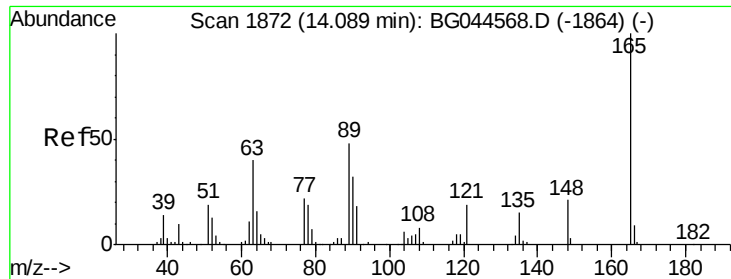
Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion:	163	Resp:	475009
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.7	8.7	13.1





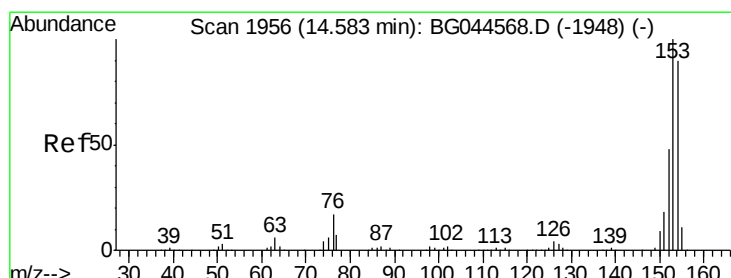
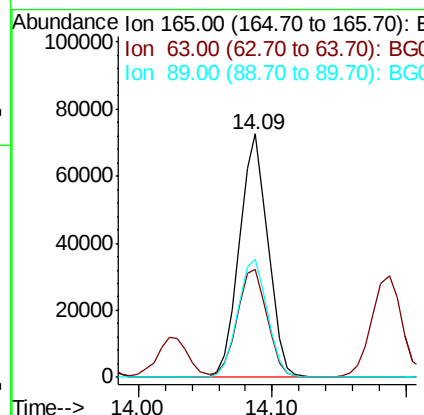
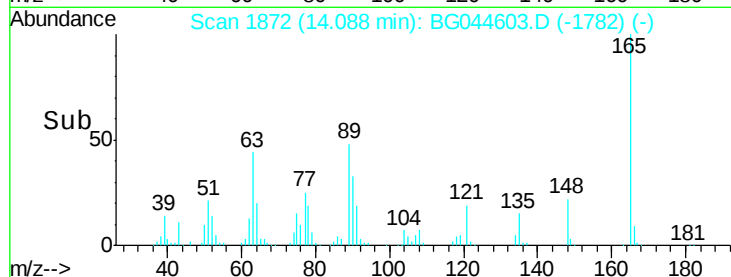
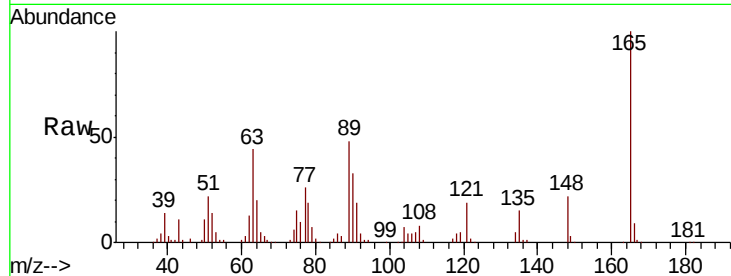
#51
 2,6-Dinitrotoluene
 Concen: 37.563 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampled :
 PB127090BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	35.8	53.6
89	48.4	38.7	58.1

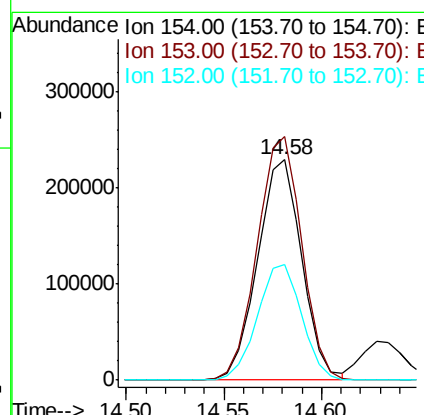
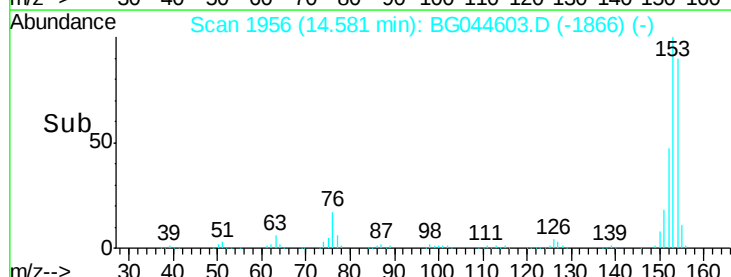
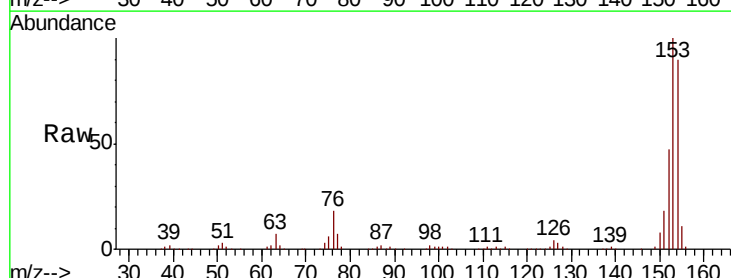
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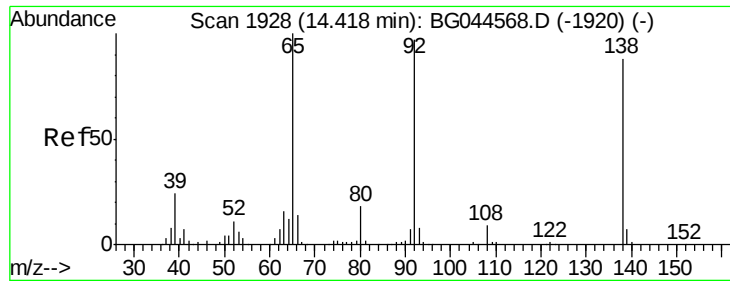
mohammad
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#52
 Acenaphthene
 Concen: 36.472 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.4	134.0
152	52.5	43.0	64.4





#53

3-Nitroaniline

Concen: 26.060 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

PB127090BS

Tot Ion:138 Resp: 80566

Ion Ratio Lower Upper

138 100

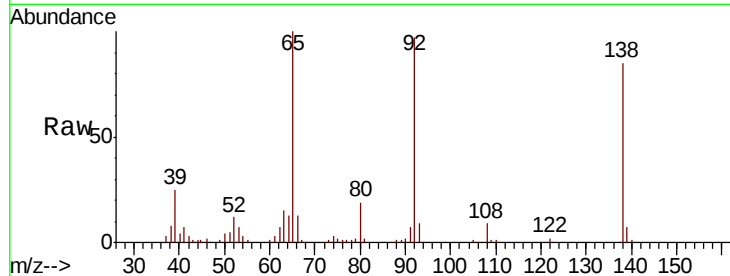
108 10.3 7.9 11.9

92 113.9 87.4 131.2

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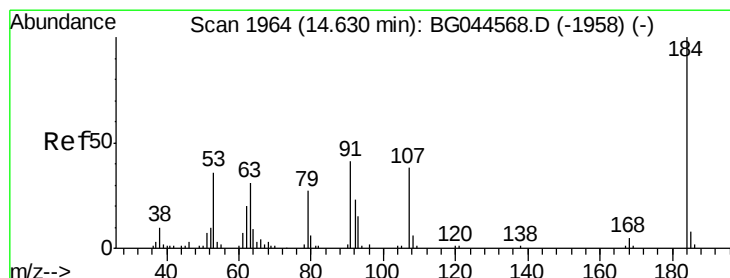
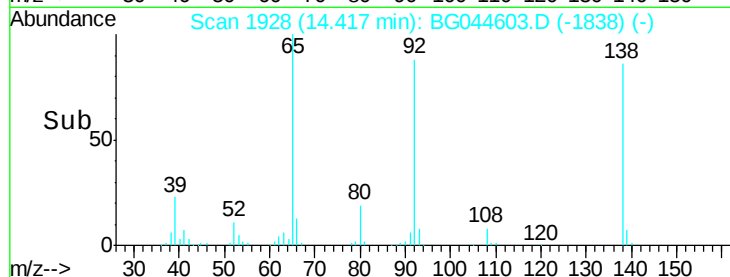
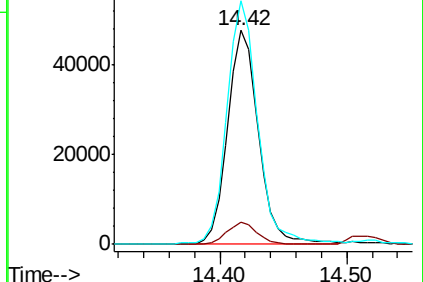
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 73.644 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

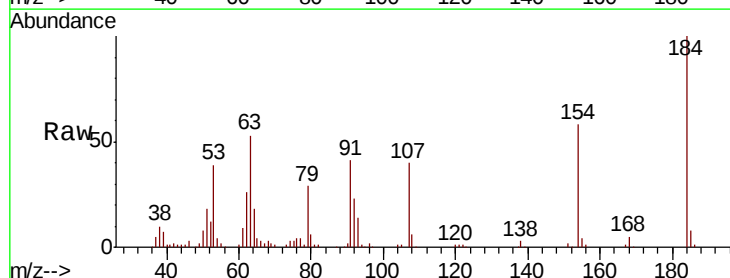
Tgt Ion:184 Resp: 124335

Ion Ratio Lower Upper

184 100

63 52.7 42.1 63.1

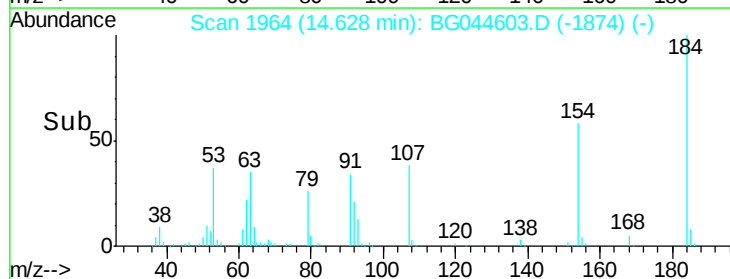
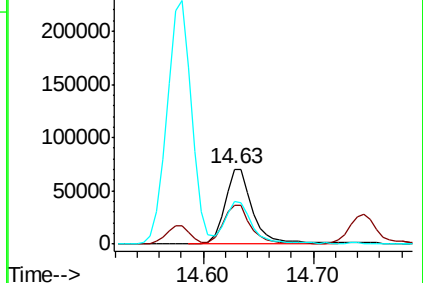
154 57.8 43.4 65.2

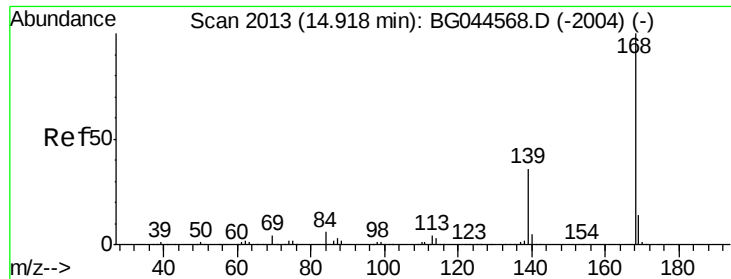


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





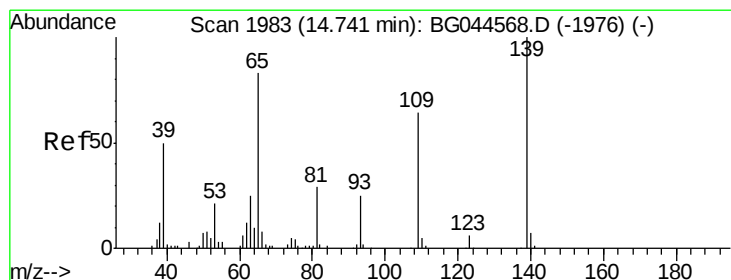
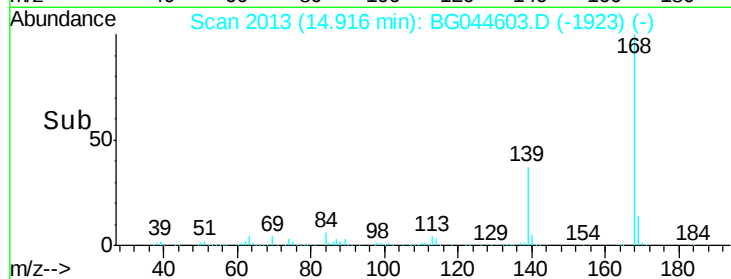
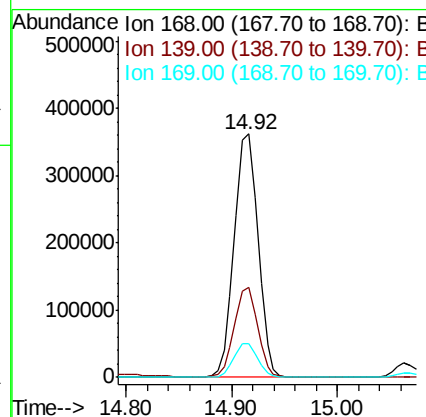
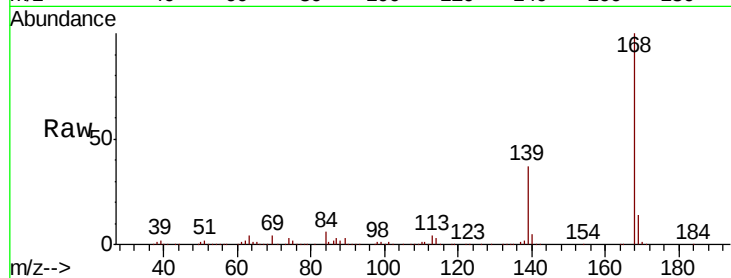
#55
Dibenzofuran
Concen: 37.612 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.2	43.8
169	13.9	11.0	16.6

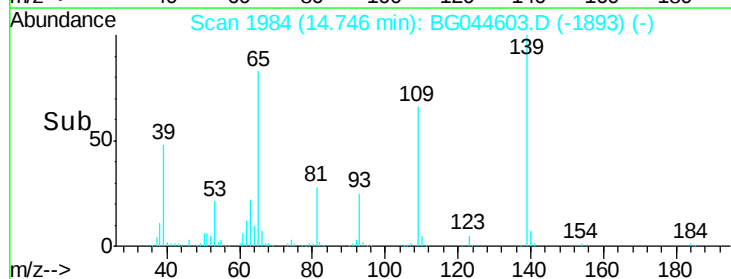
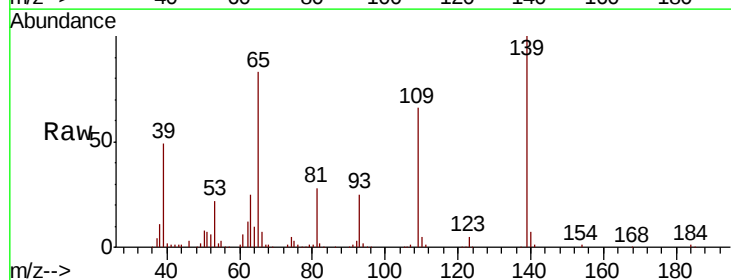
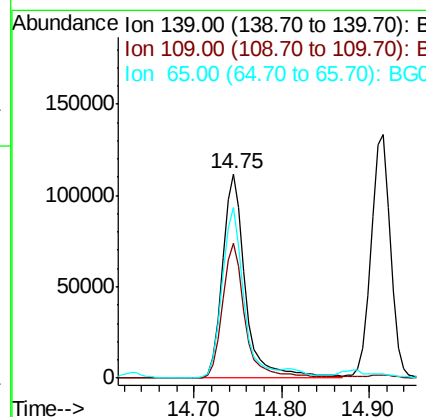
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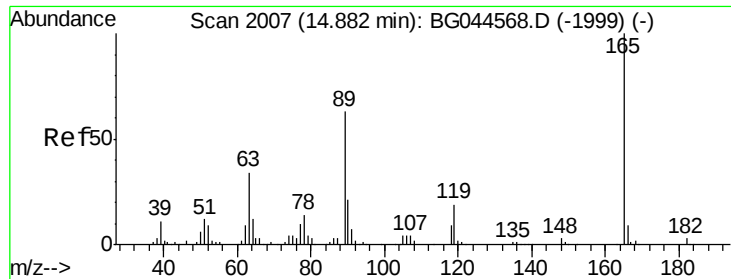
mohammad
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#56
4-Nitrophenol
Concen: 95.697 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.9	43.8	83.8
65	83.1	63.6	103.6





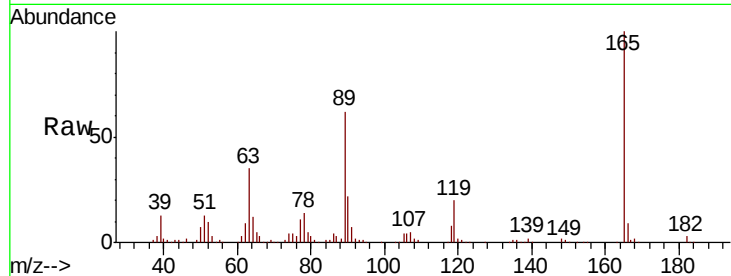
#57
 2,4-Dinitrotoluene
 Concen: 38.134 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BS

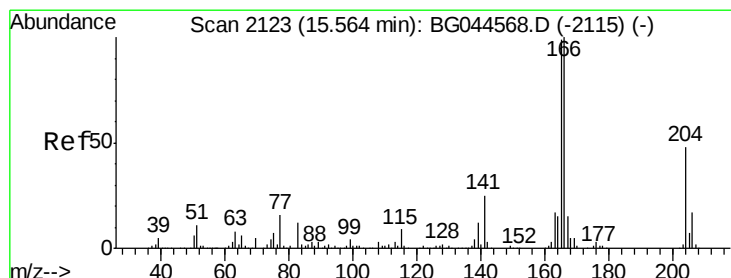
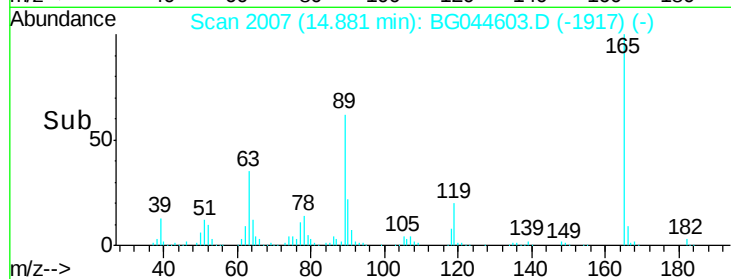
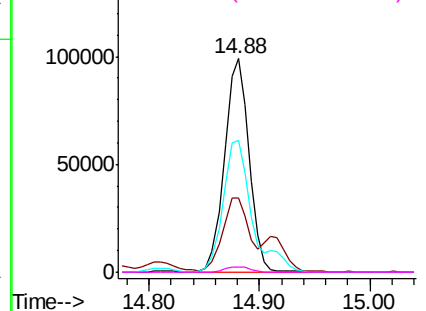
Tot Ion	Ratio	Resp	Lower	Upper
165	100	153685		
63	34.8	27.5	41.3	
89	61.8	50.0	75.0	
182	2.7	2.3	3.5	

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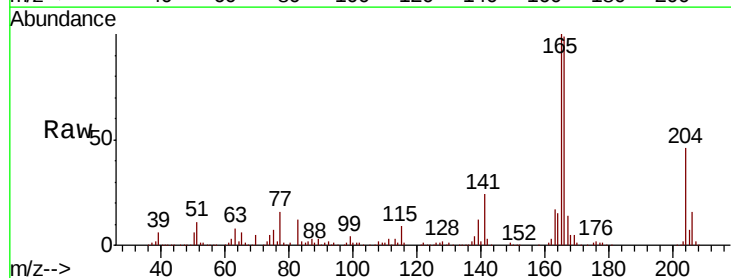


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

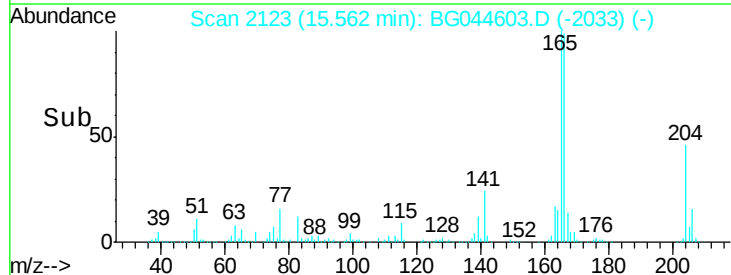
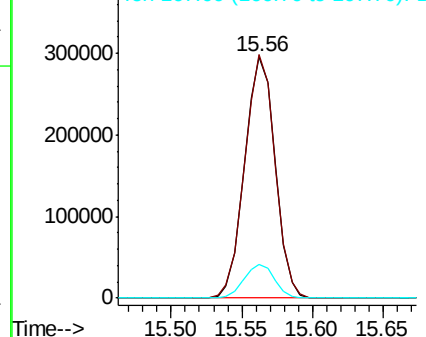


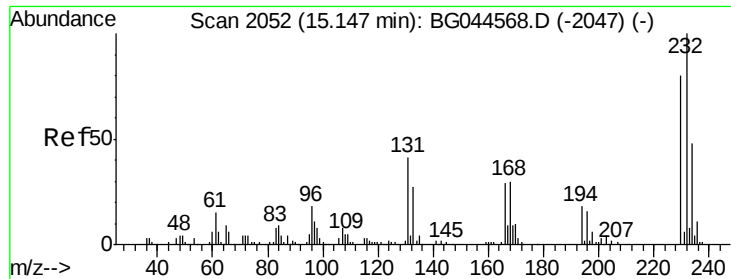
#58
 Fluorene
 Concen: 37.467 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	447817		
165	100.9	79.2	118.8	
167	14.2	11.7	17.5	



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.426 ng

RT: 15.15 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

PB127090BS

Tot Ion:232 Resp: 131283
Ion Ratio Lower Upper

232 100

131 41.0 31.8 47.6

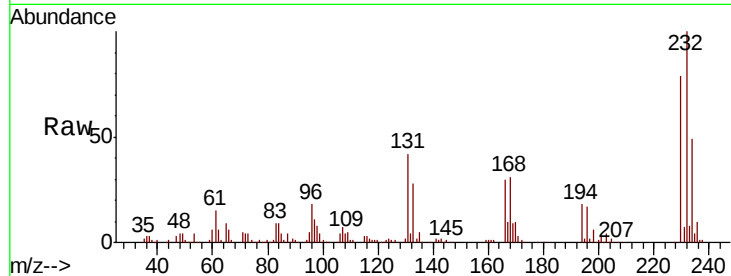
130 2.3 1.8 2.6

166 29.0 22.7 34.1

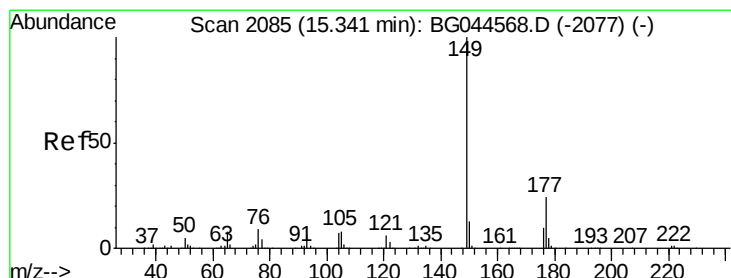
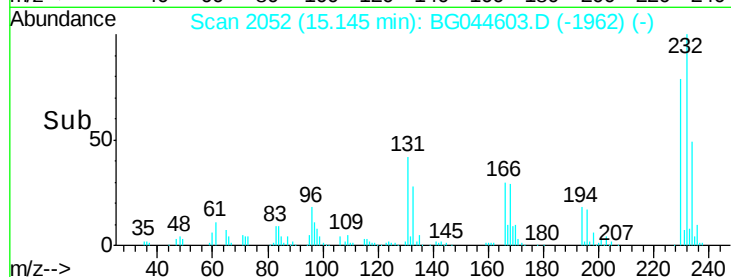
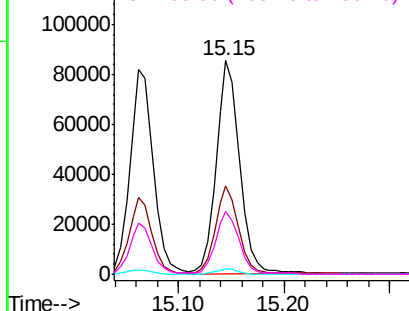
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.359 ng

RT: 15.34 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG044603.D

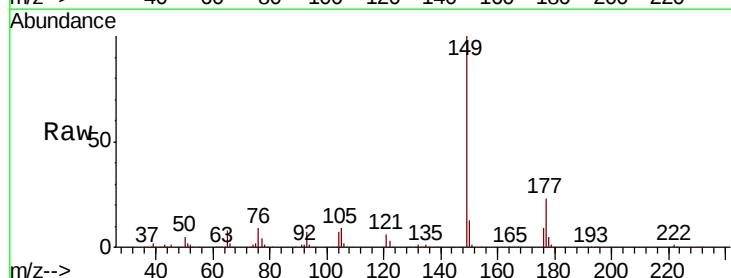
Acq: 26 Feb 2020 14:33

Tgt Ion:149 Resp: 481118
Ion Ratio Lower Upper

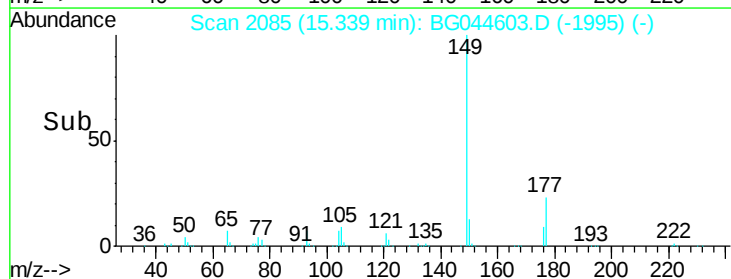
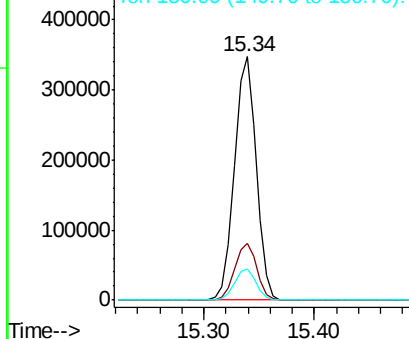
149 100

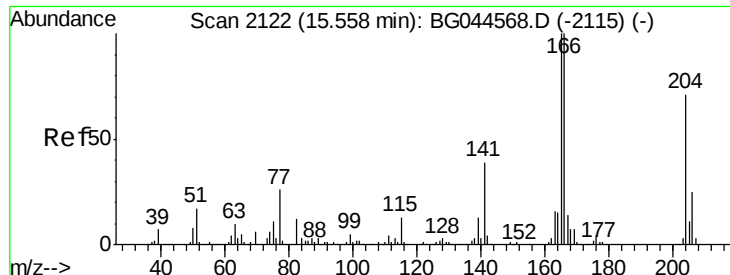
177 23.3 19.2 28.8

150 12.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





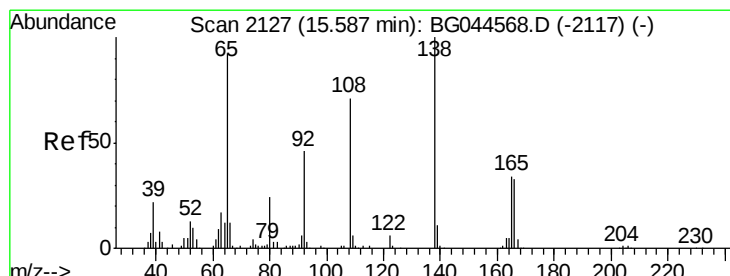
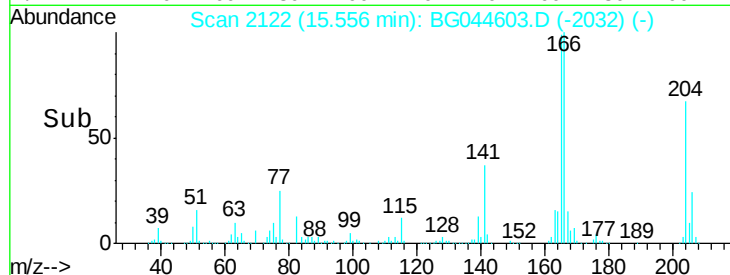
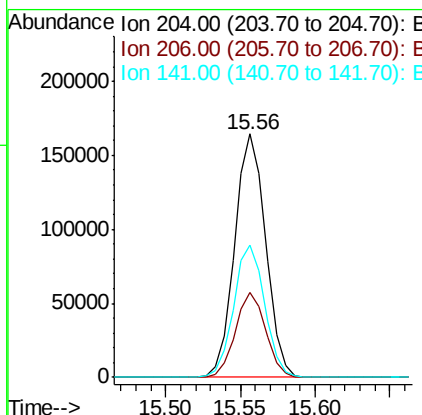
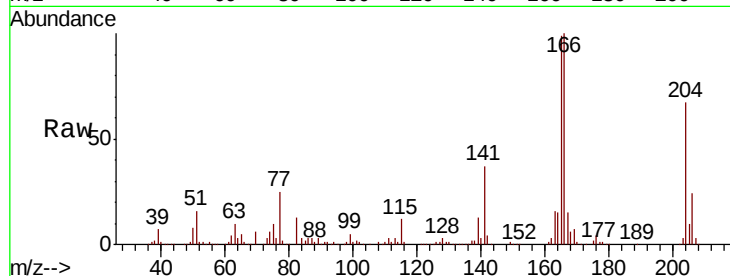
#61
 4-Chlorophenyl-phenylether
 Concen: 36.460 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	236940		
206	34.9		27.8	41.8
141	54.4		43.8	65.8

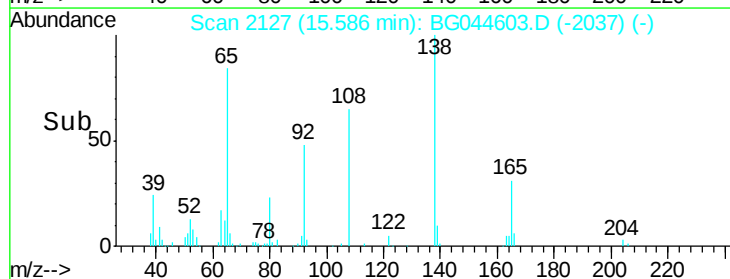
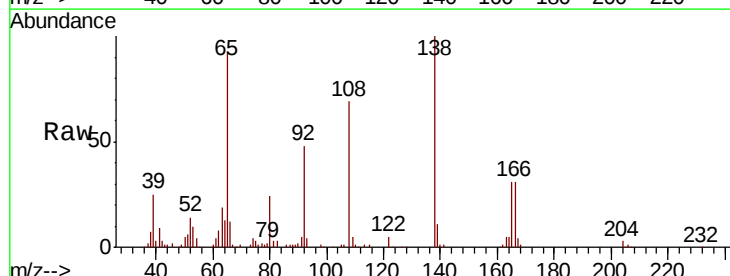
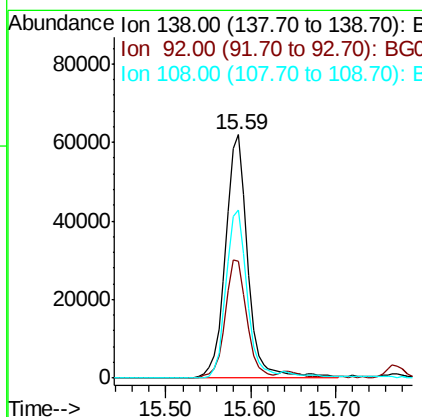
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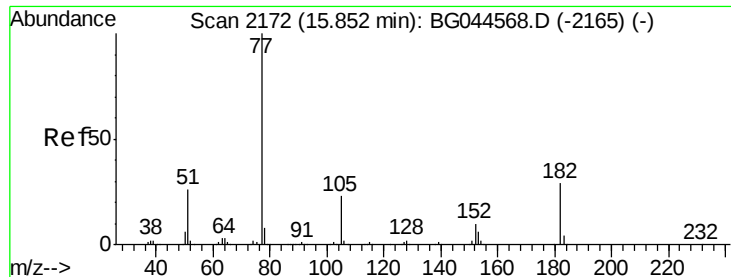
mohammad
 2/27/2020 4:58:54 PM



#62
 4-Nitroaniline
 Concen: 36.523 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	113060		
92	47.8		26.4	66.4
108	68.8		50.5	90.5





#63

Azobenzene

Concen: 37.972 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

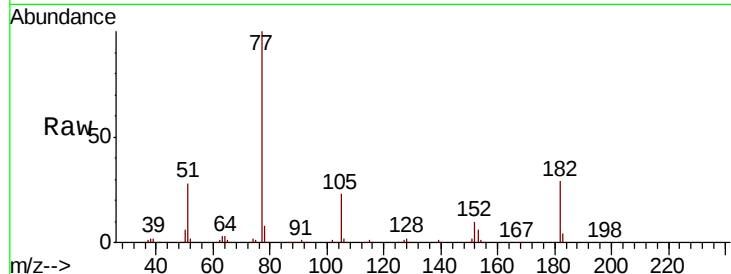
ClientSampleId :

PB127090BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	9.4	49.4
105	23.3	3.4	43.4
51	27.6	6.4	46.4

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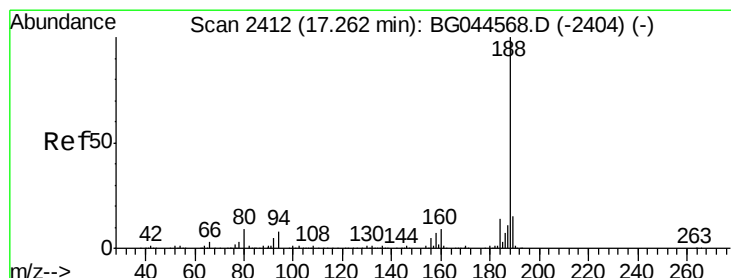
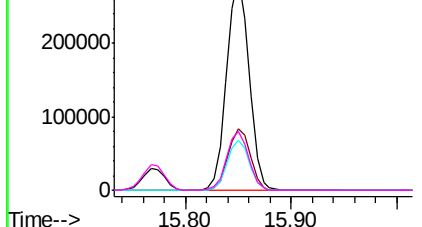
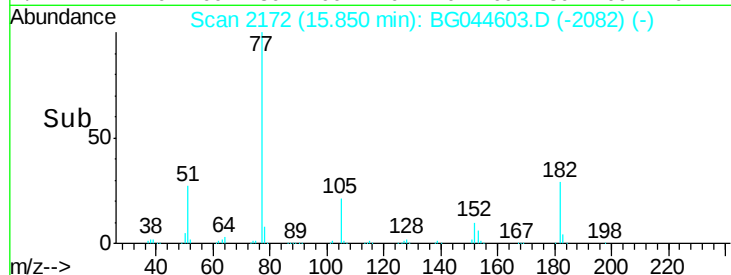


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

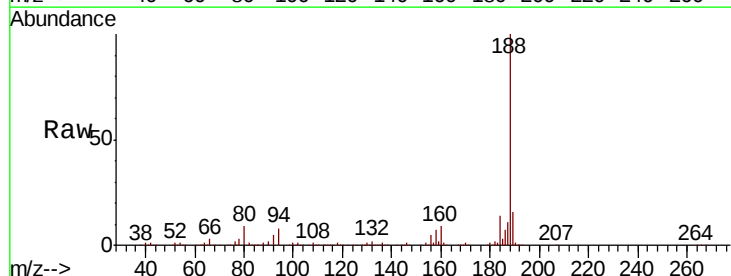
RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

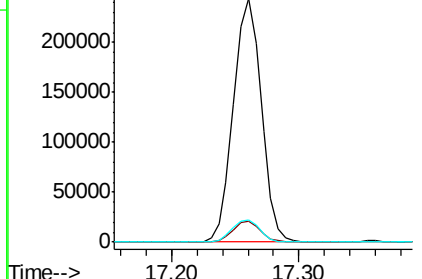
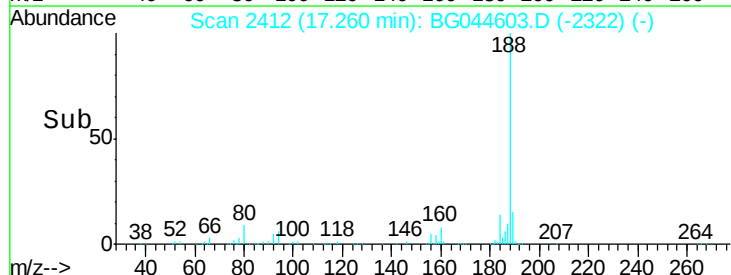
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	9.4	7.6	11.4

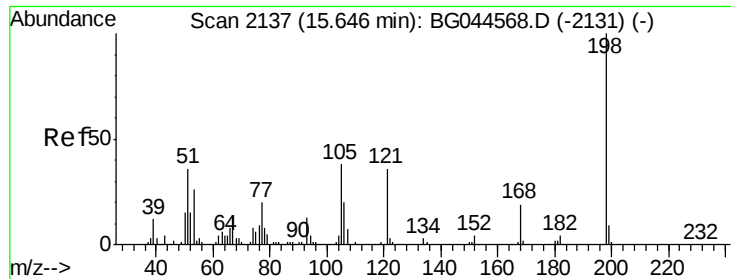


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.453 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

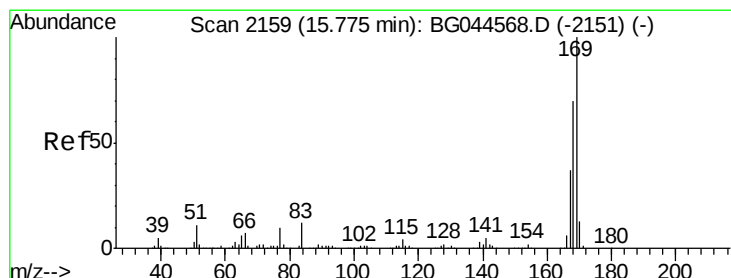
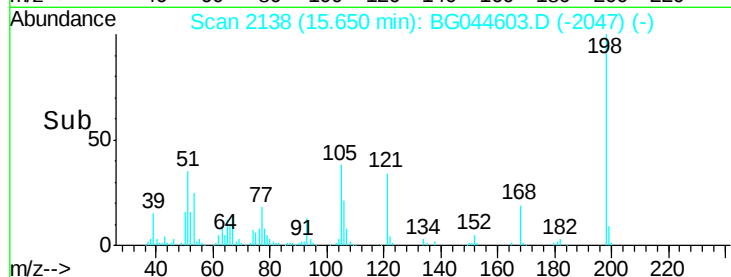
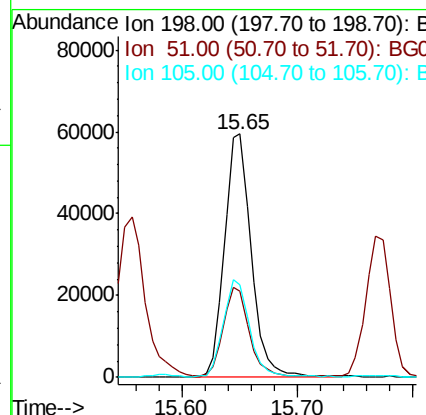
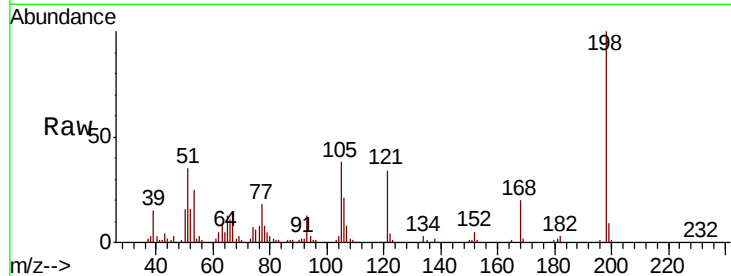
ClientSampleId :

PB127090BS

Tot Ion:	198	Resp:	95564
Ion Ratio	Lower	Upper	
198	100		
51	35.3	17.0	57.0
105	38.2	18.4	58.4

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#66

n-Nitrosodiphenylamine

Concen: 36.414 ng

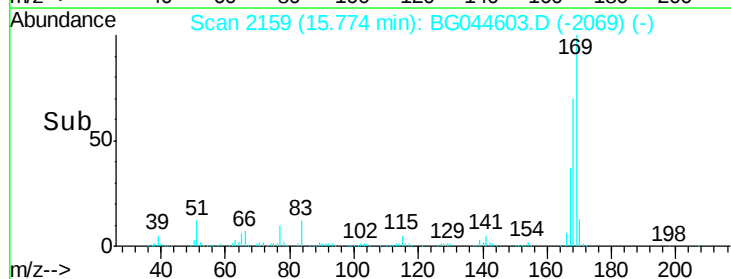
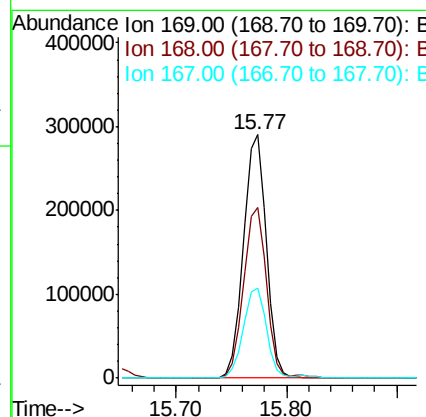
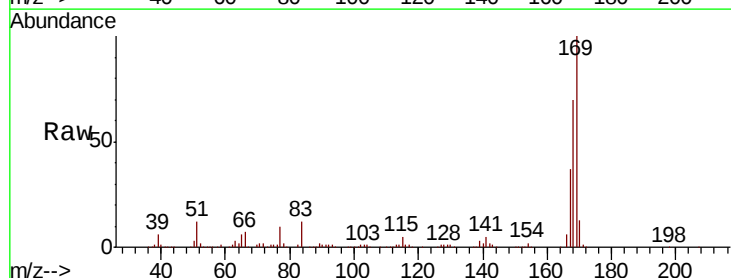
RT: 15.77 min Scan# 2159

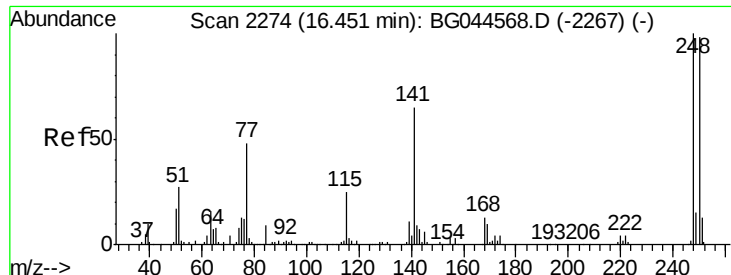
Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion:	169	Resp:	422902
Ion Ratio	Lower	Upper	
169	100		
168	70.3	56.1	84.1
167	37.2	29.4	44.0





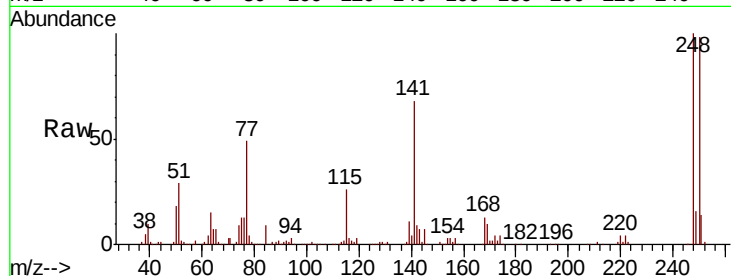
#67
 4-Bromophenyl-phenylether
 Concen: 34.398 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.7	118.1
141	67.6	52.3	78.5

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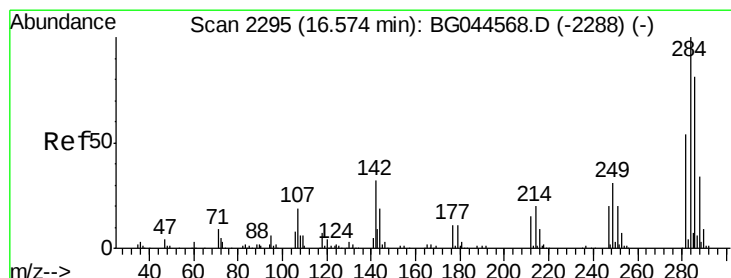
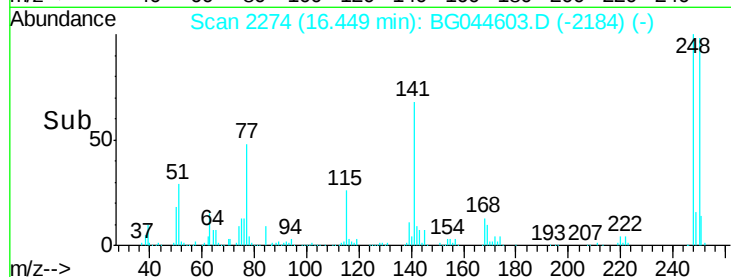
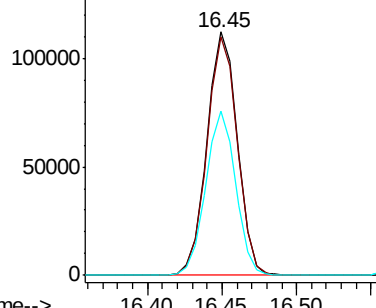


Abundance

Ion 248.00 (247.70 to 248.70): E

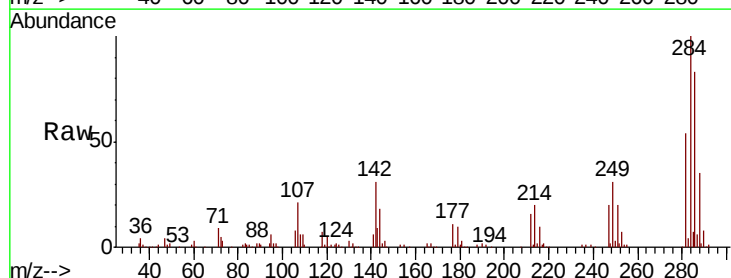
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 33.151 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	25.6	38.4
249	30.7	24.6	36.8

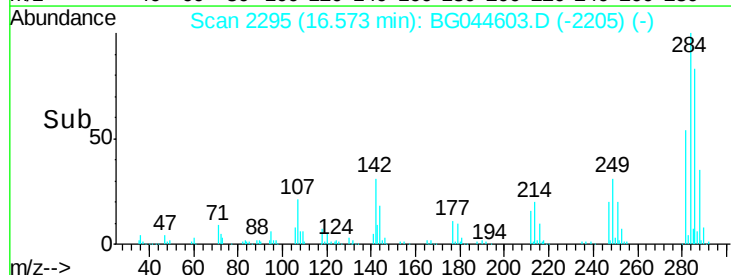
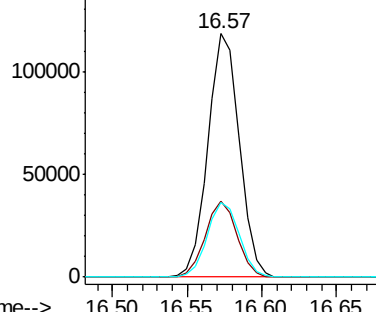


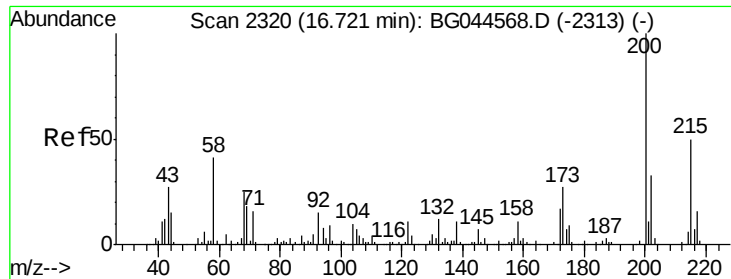
Abundance

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





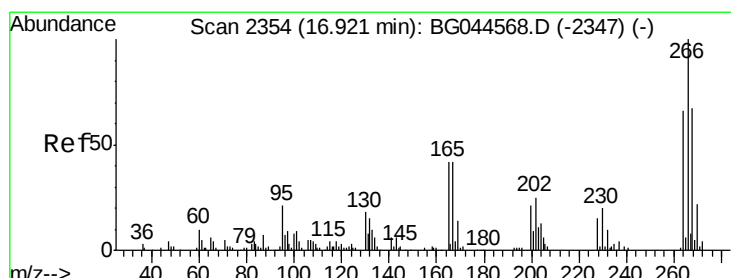
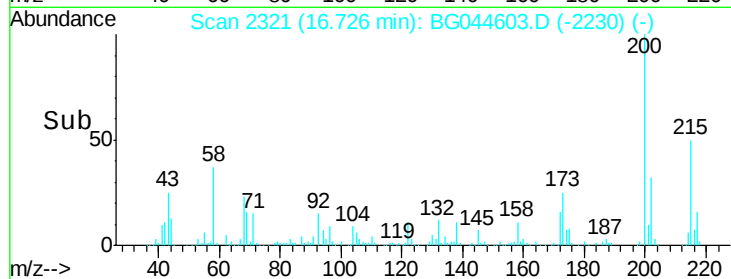
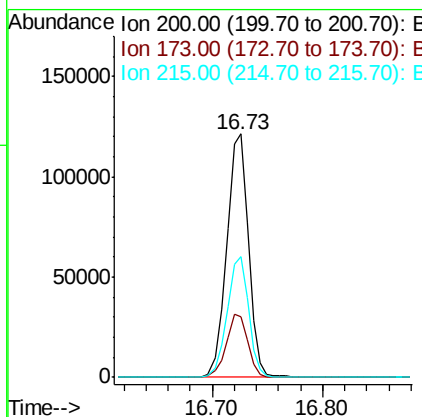
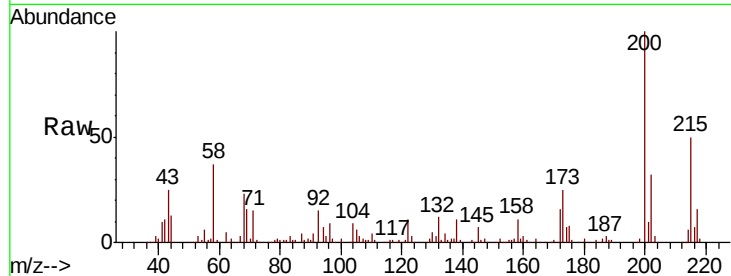
#69
 Atrazine
 Concen: 39.127 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 PB127090BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	167989		
173	24.9	6.6	46.6	
215	49.7	30.3	70.3	

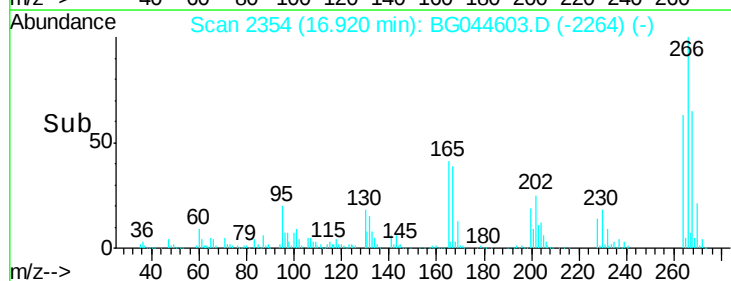
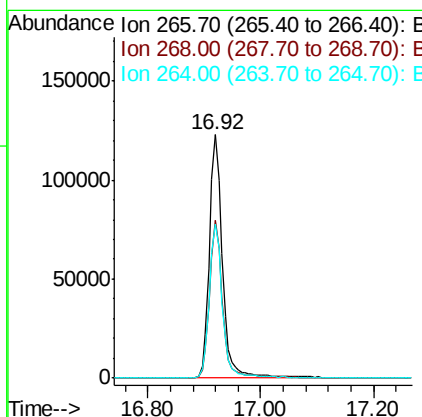
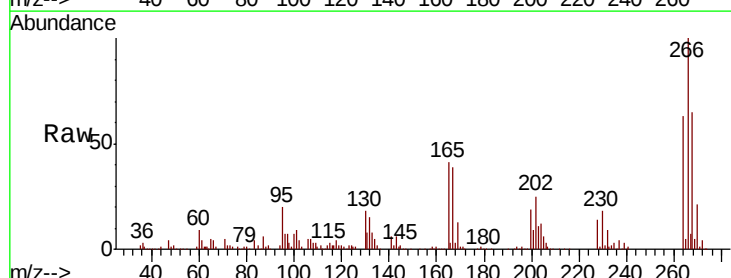
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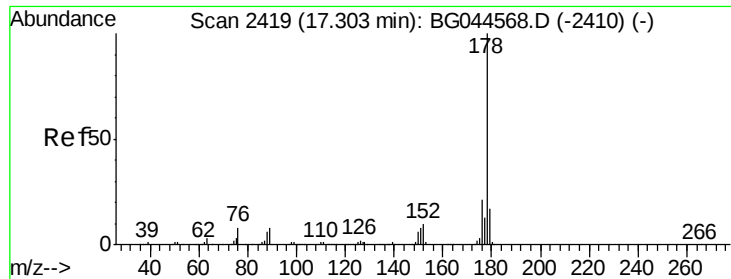
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#70
 Pentachlorophenol
 Concen: 78.244 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044603.D
 Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	199602		
268	64.7	53.4	80.0	
264	63.0	53.0	79.4	





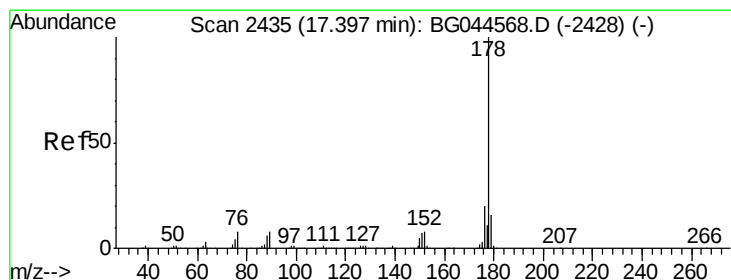
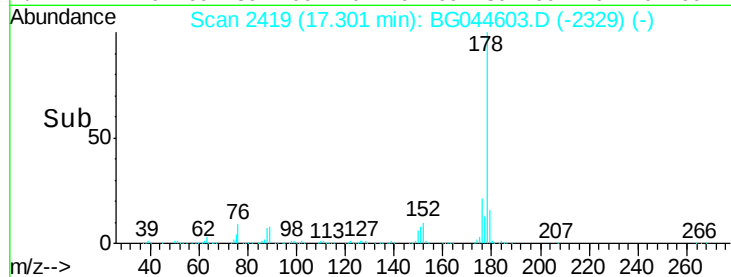
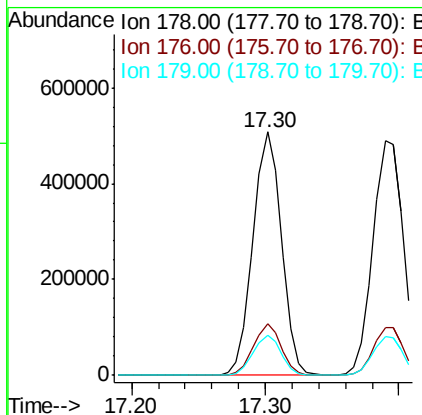
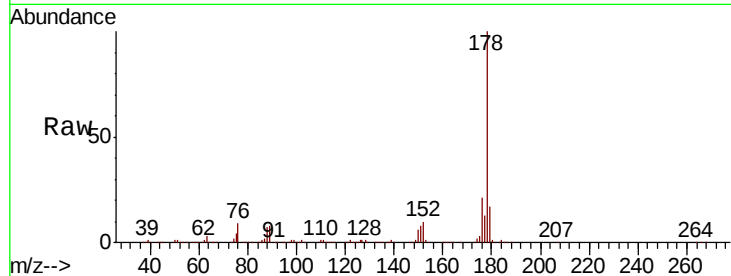
#71
Phenanthrene
Concen: 36.242 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.6	25.0
179	16.5	13.3	19.9

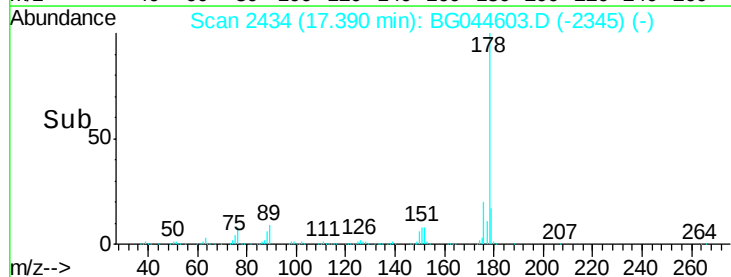
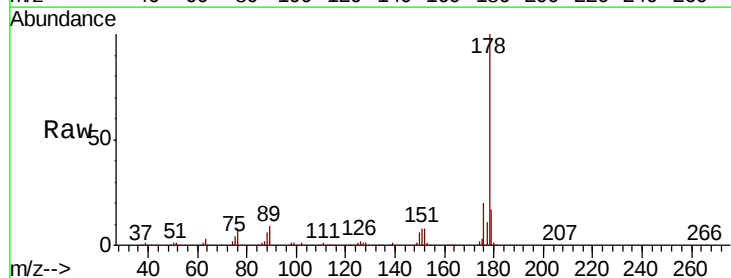
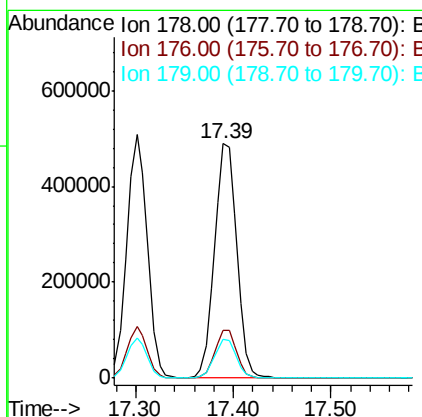
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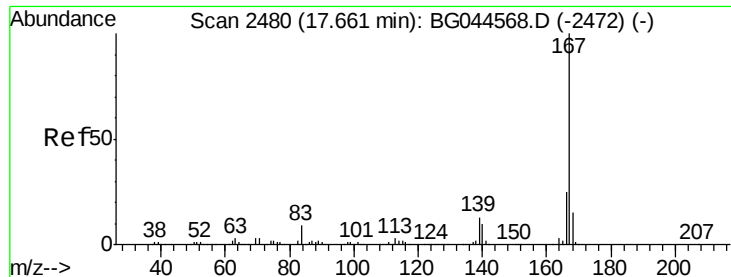
mohammad
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#72
Anthracene
Concen: 37.970 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	16.8	13.1	19.7





#73

Carbazole

Concen: 38.832 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

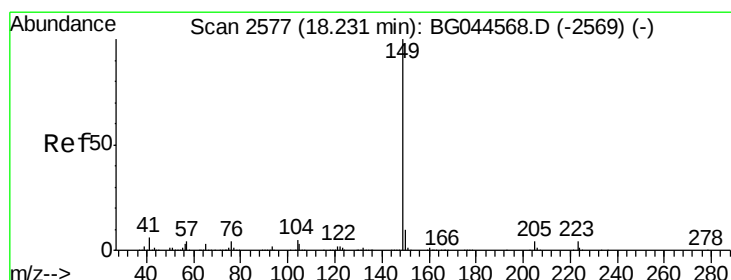
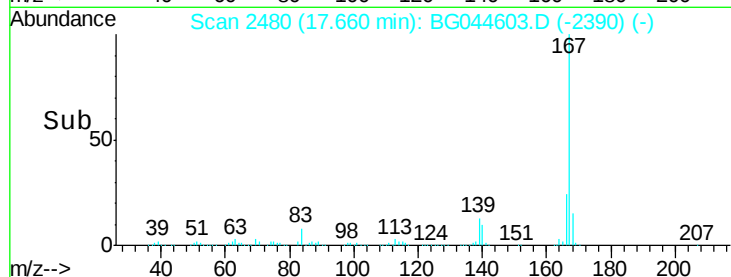
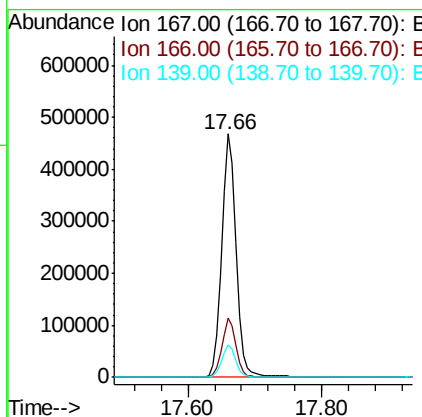
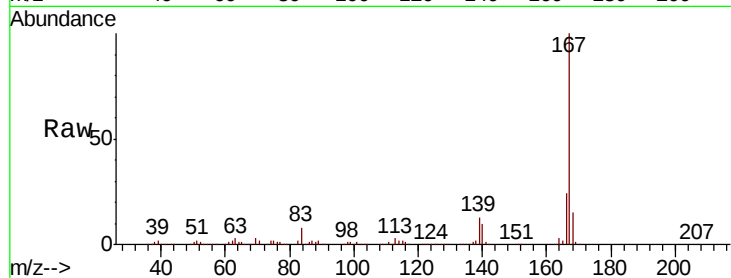
ClientSampleId :

PB127090BS

Tot Ion:	167	Resp:	718010
Ion Ratio		Lower	Upper
167	100		
166	24.3	19.7	29.5
139	13.5	10.6	15.8

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 38.207 ng

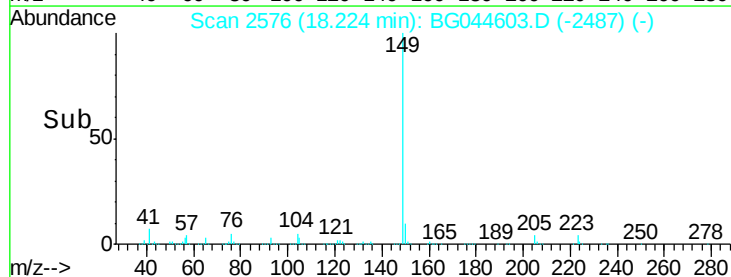
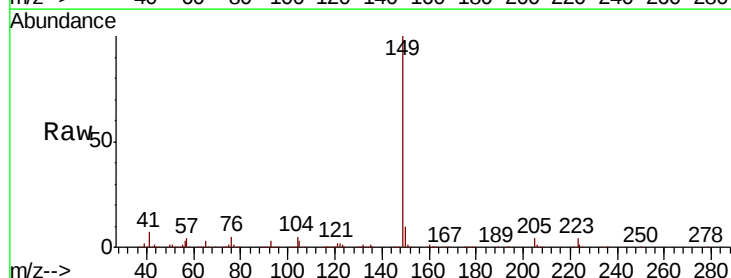
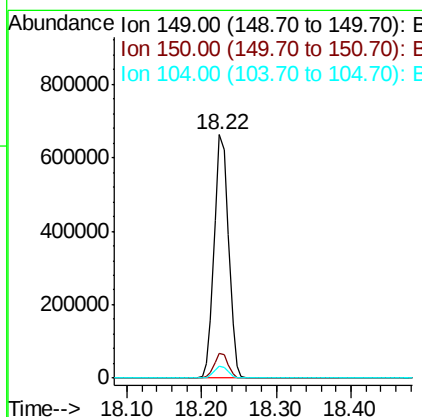
RT: 18.22 min Scan# 2576

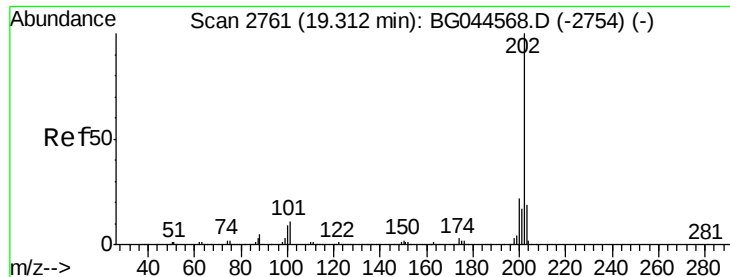
Delta R.T. -0.01 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion:	149	Resp:	885254
Ion Ratio		Lower	Upper
149	100		
150	10.3	7.8	11.8
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 38.767 ng

RT: 19.31 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

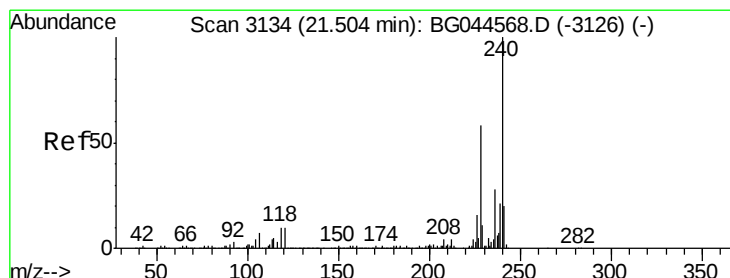
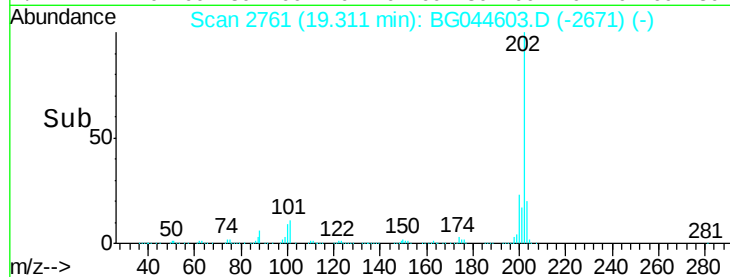
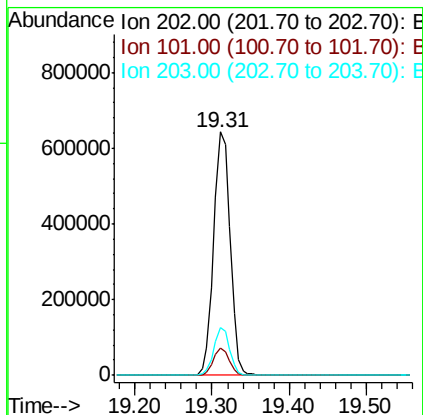
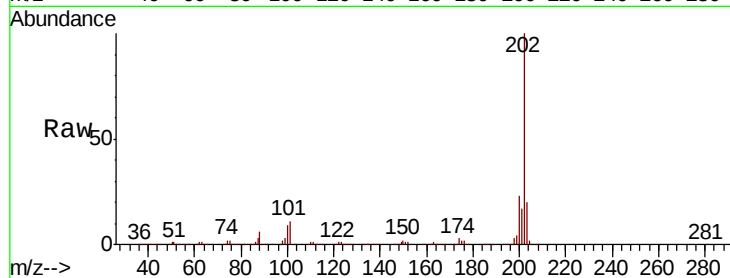
ClientSampleId :

PB127090BS

Tot Ion:	202	Resp:	945962
Ion Ratio		Lower	Upper
202	100		
101	11.1	0.0	31.0
203	19.9	0.0	39.2

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#76

Chrysene-d12

Concen: 20.000 ng

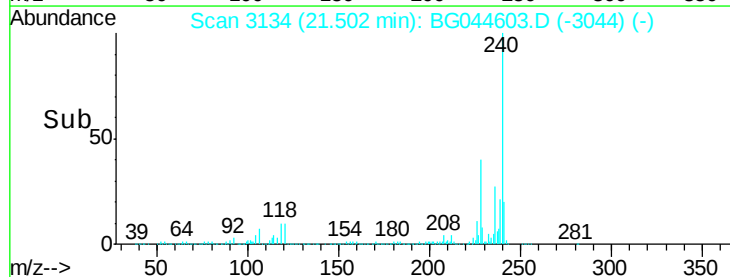
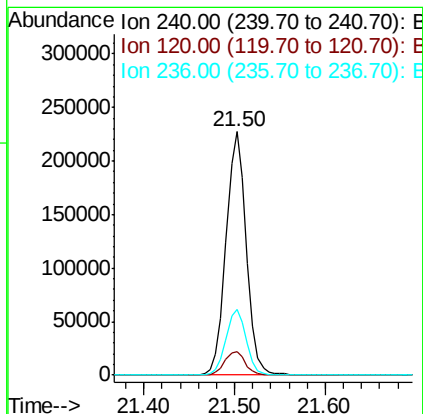
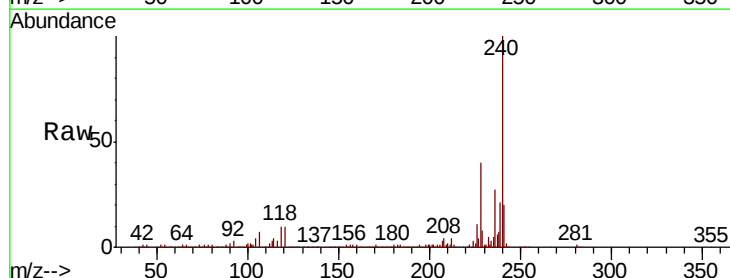
RT: 21.50 min Scan# 3134

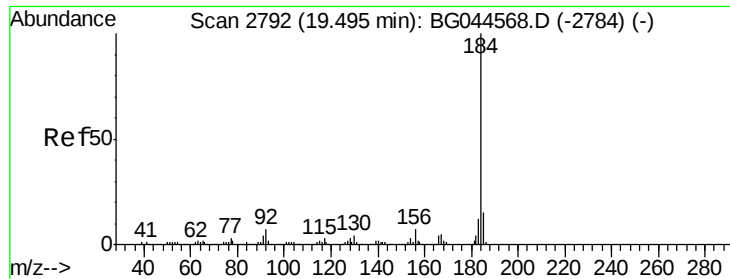
Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion:	240	Resp:	350976
Ion Ratio		Lower	Upper
240	100		
120	9.6	8.3	12.5
236	26.9	22.3	33.5





#77

Benzidine

Concen: 19.609 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

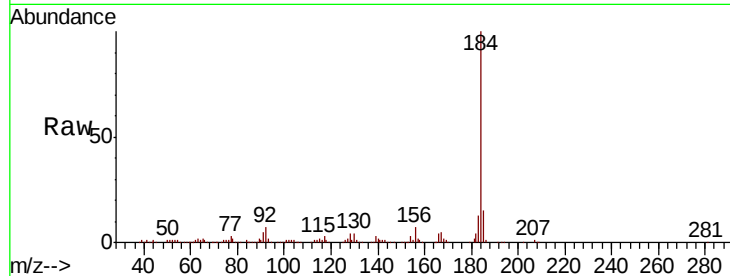
ClientSampleId :

PB127090BS

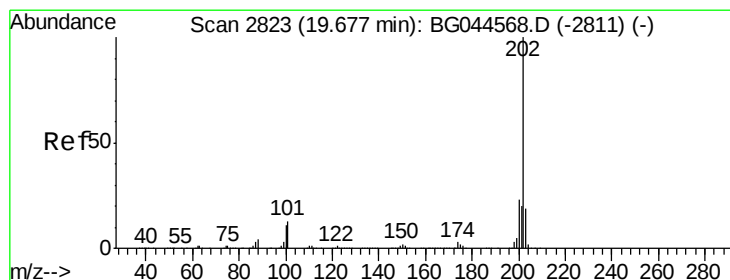
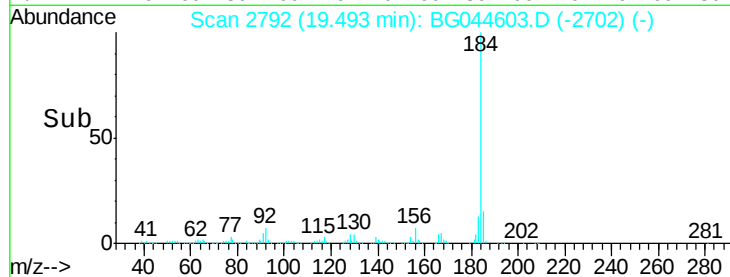
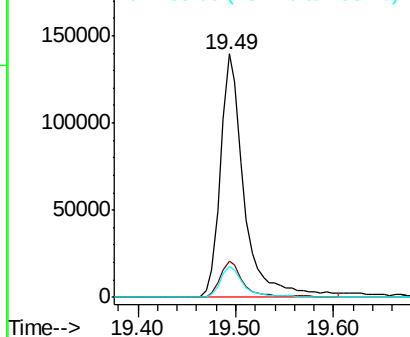
Tot Ion:	184	Resp:	235757
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.4
183	12.8	9.9	14.9

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



#78

Pyrene

Concen: 37.549 ng

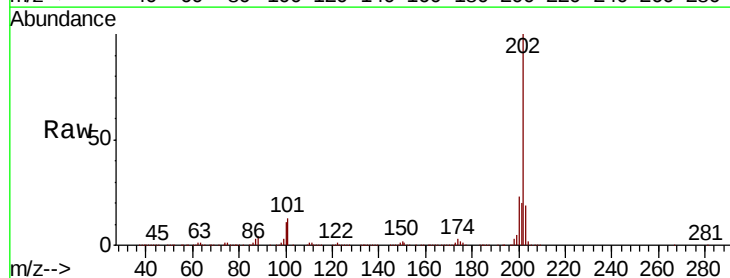
RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

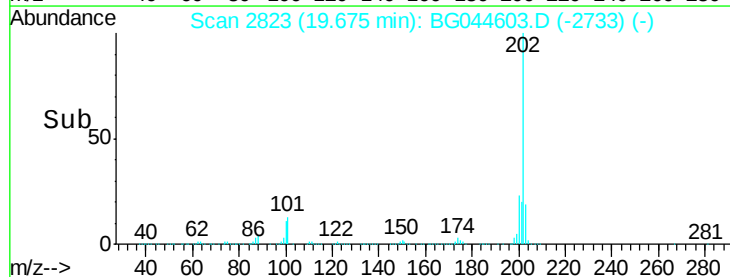
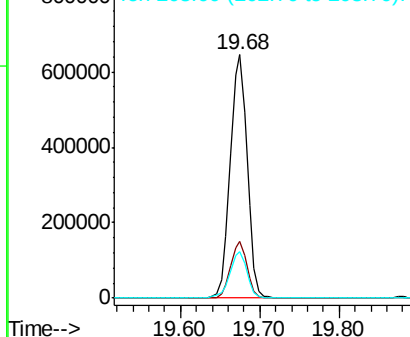
Lab File: BG044603.D

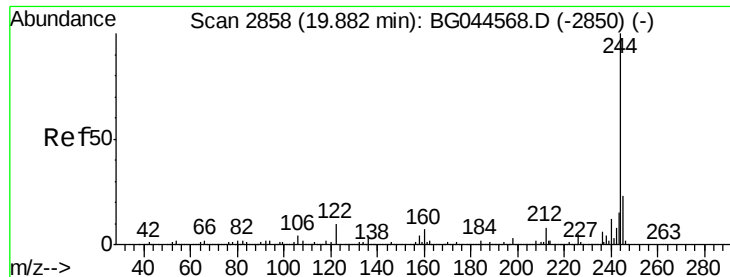
Acq: 26 Feb 2020 14:33

Tgt Ion:	202	Resp:	956663
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.6	28.0
203	19.2	15.3	22.9



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





#79

Terphenyl-d14

Concen: 65.825 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

PB127090BS

Tot Ion:244 Resp: 1220408

Ion Ratio Lower Upper

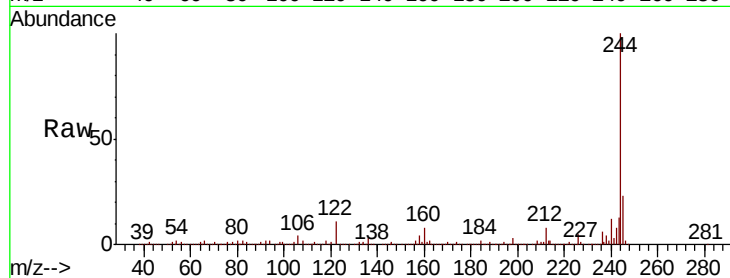
244 100

212 7.9 6.5 9.7

122 11.1 8.2 12.4

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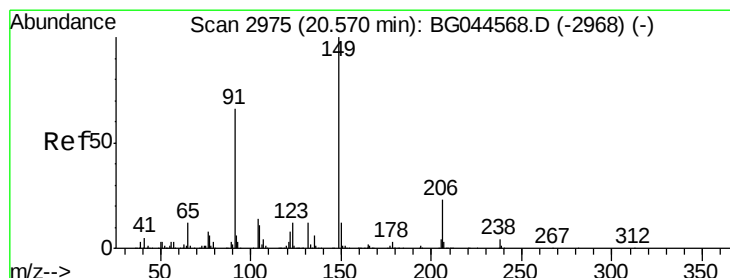
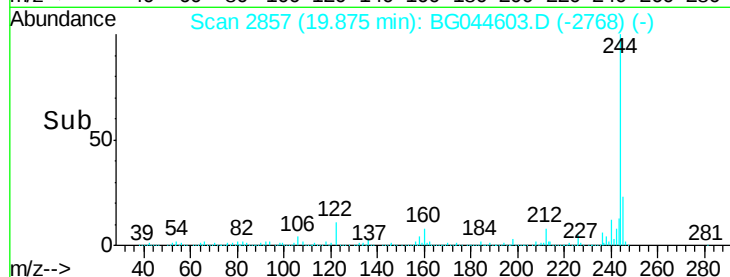
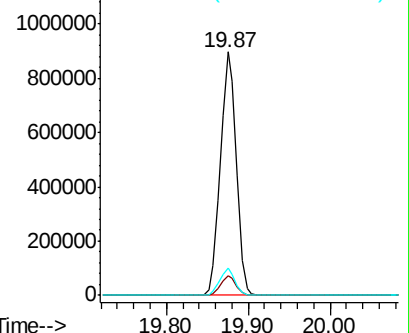
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.450 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

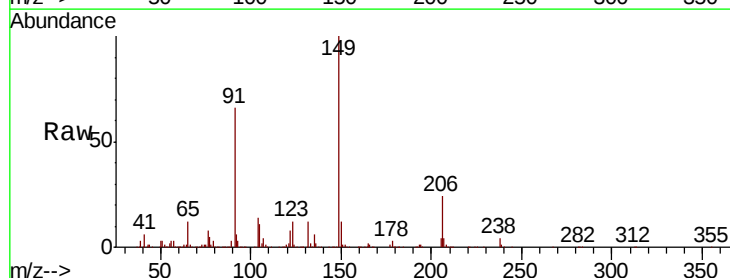
Tgt Ion:149 Resp: 406211

Ion Ratio Lower Upper

149 100

91 65.9 52.7 79.1

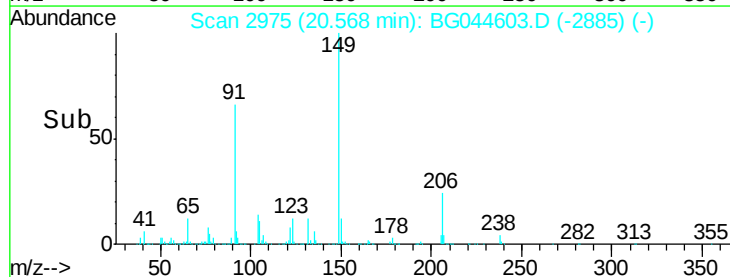
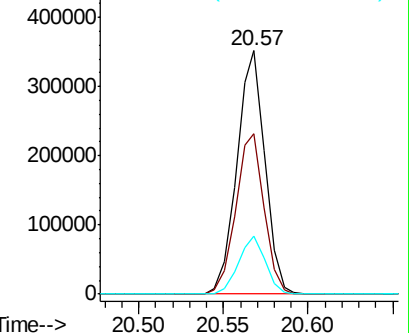
206 23.9 18.6 28.0

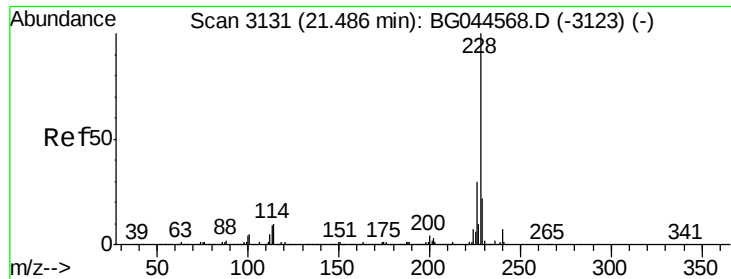


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.367 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Instrument :

BNA_G

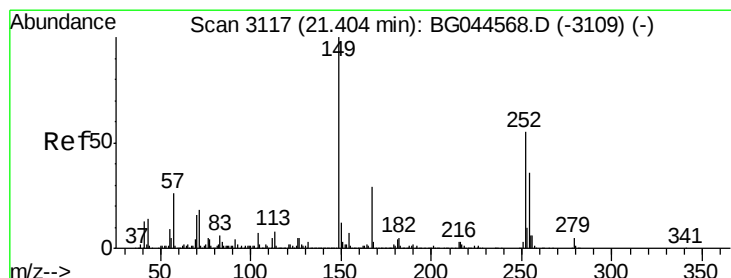
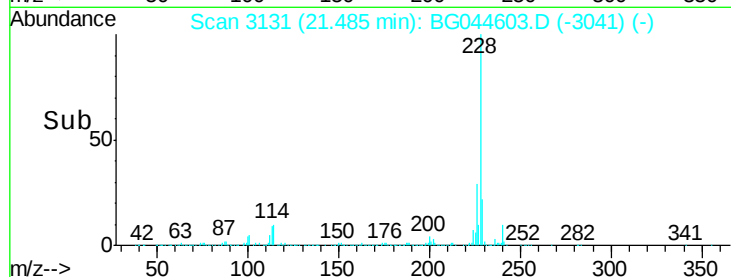
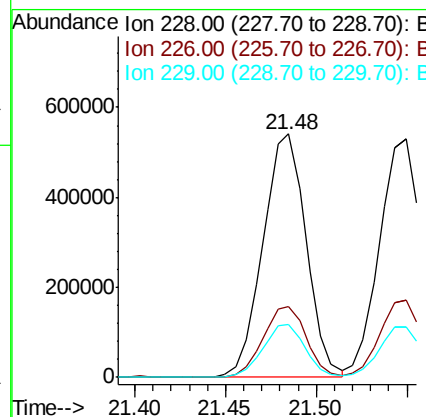
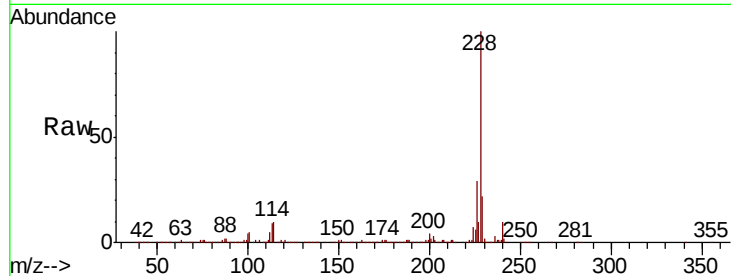
ClientSampleId :

PB127090BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	29.1	23.8	35.8	
229	21.7	17.2	25.8	

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#82

3,3'-Dichlorobenzidine

Concen: 26.578 ng

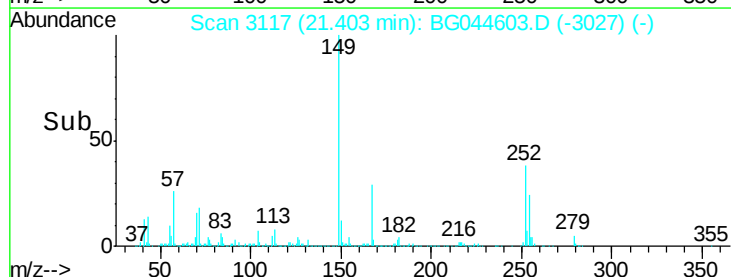
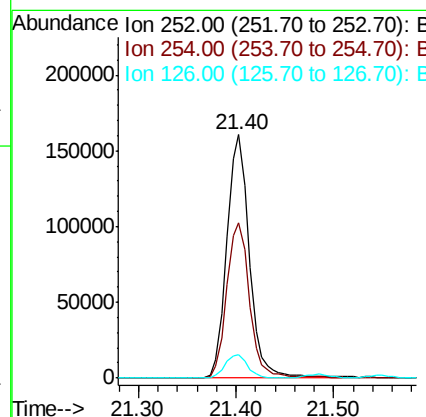
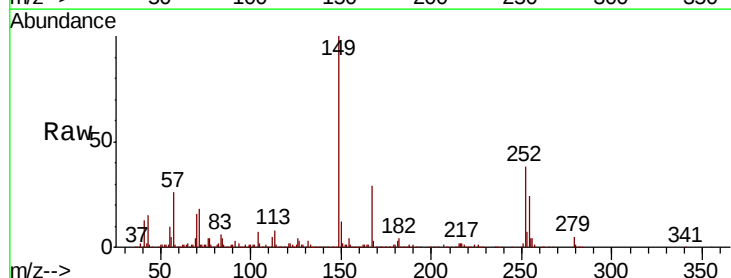
RT: 21.40 min Scan# 3117

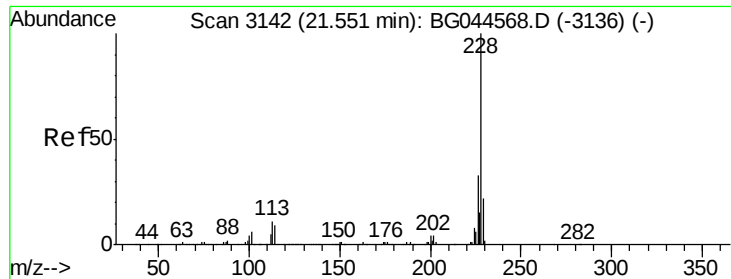
Delta R.T. -0.00 min

Lab File: BG044603.D

Acq: 26 Feb 2020 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	63.6	51.5	77.3	
126	9.8	7.8	11.6	





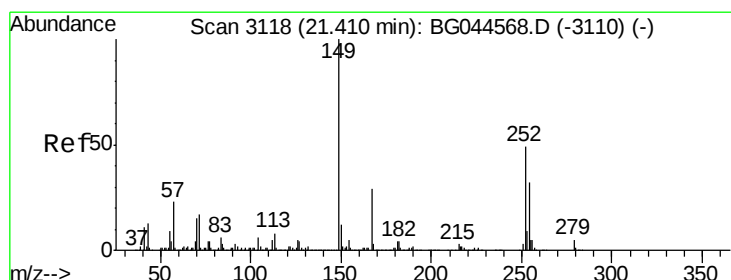
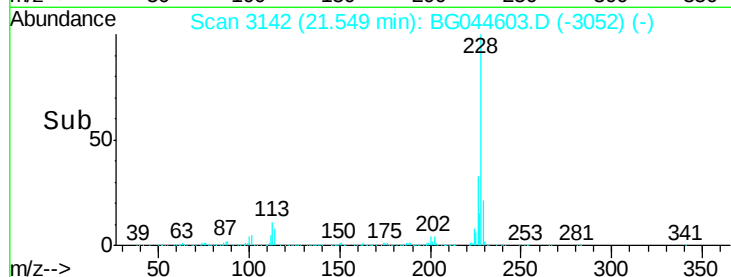
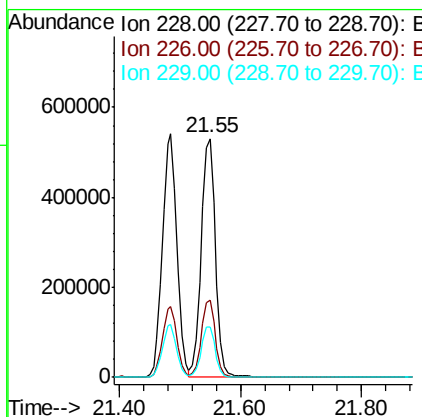
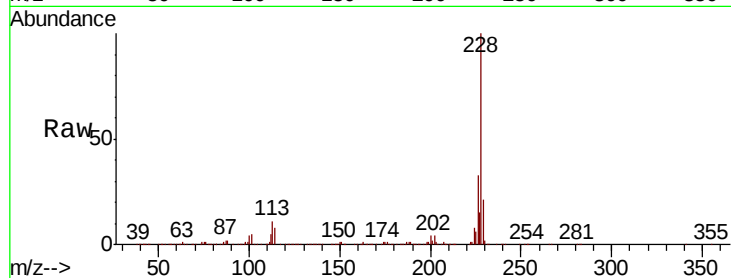
#83
Chrysene
Concen: 36.641 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.1	39.1
229	21.0	17.2	25.8

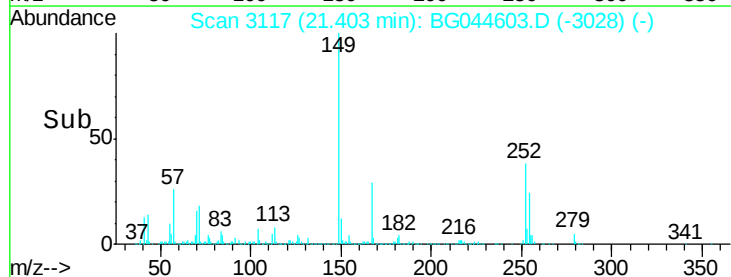
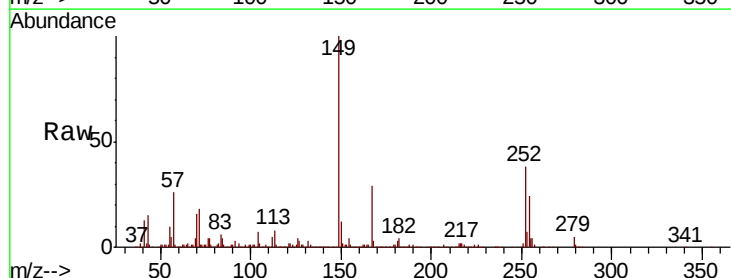
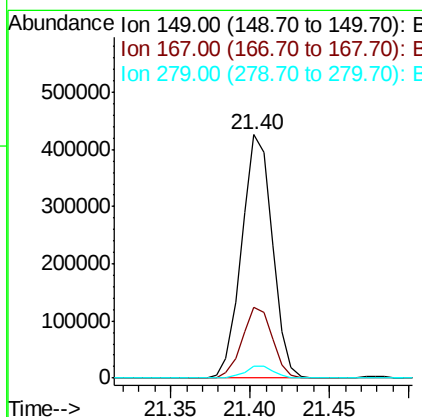
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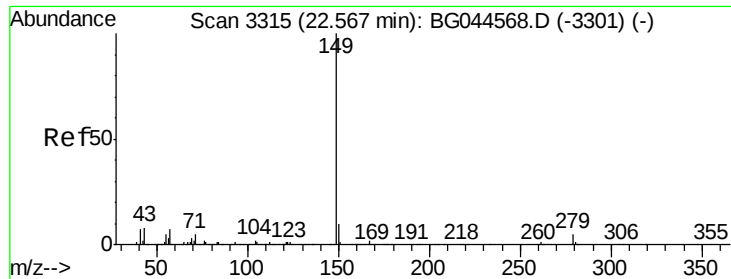
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.314 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	4.7	4.2	6.4





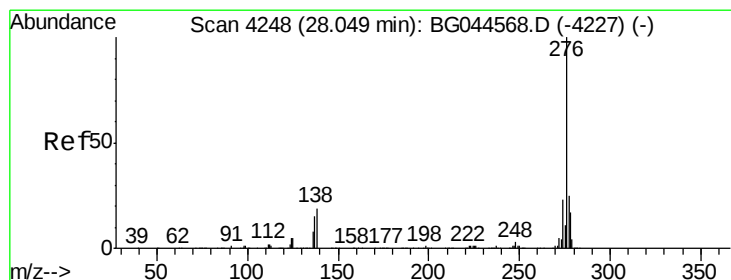
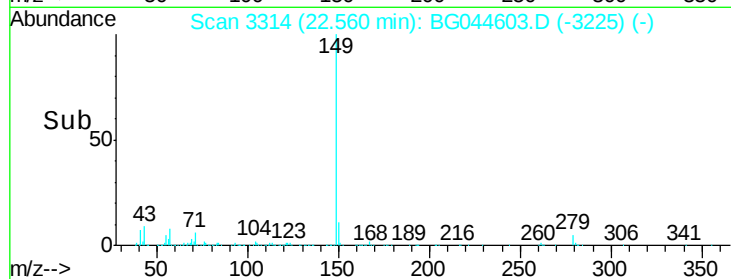
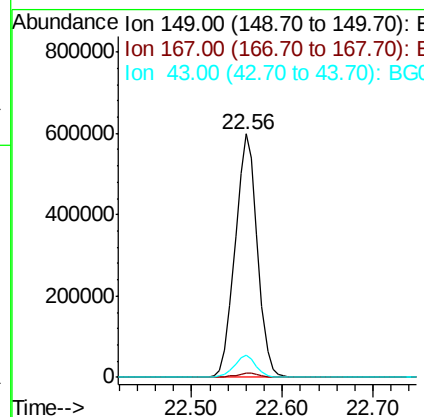
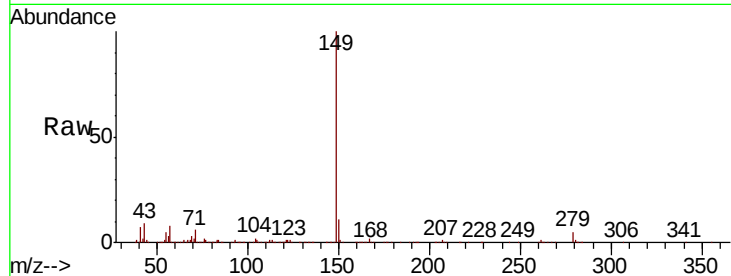
#85
Di-n-octyl phthalate
Concen: 37.571 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.6	6.6	10.0

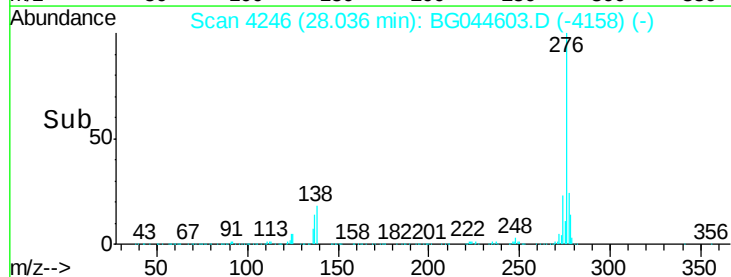
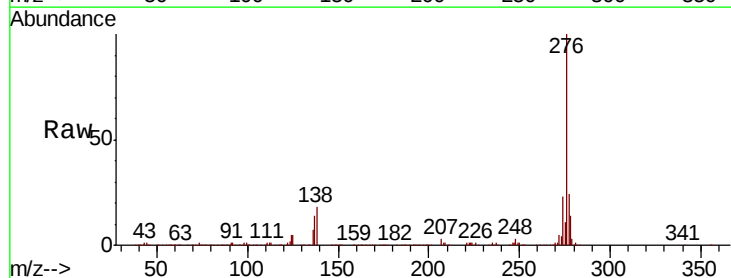
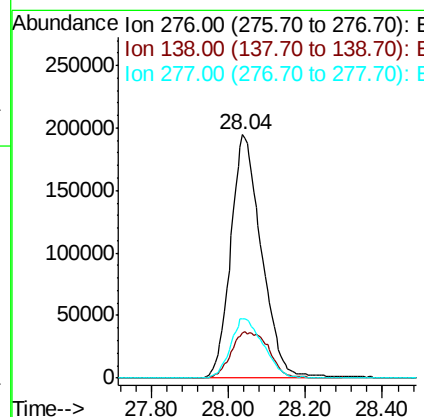
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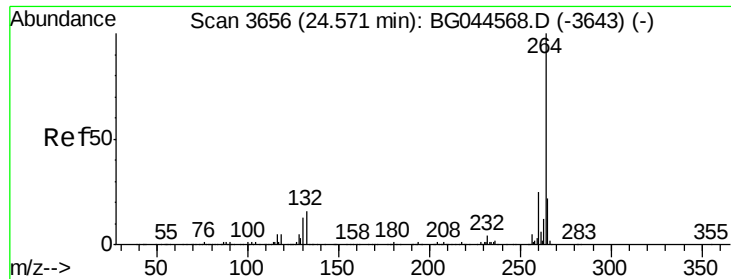
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.425 ng
RT: 28.04 min Scan# 4246
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.2	27.4
277	25.8	20.7	31.1





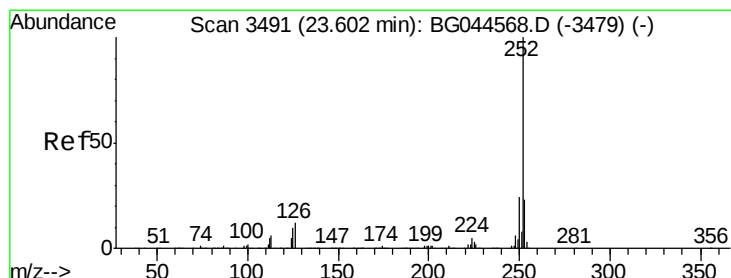
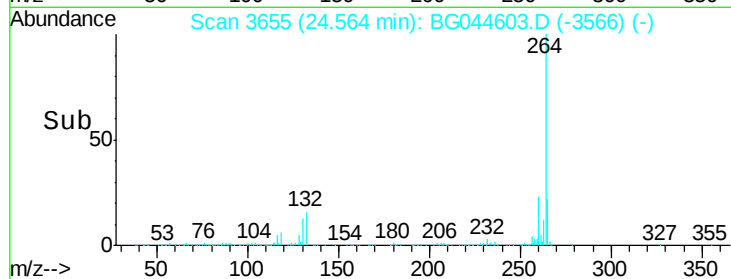
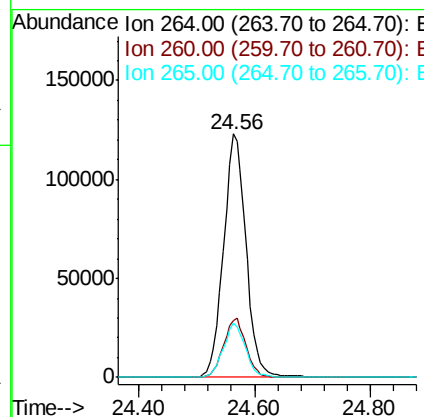
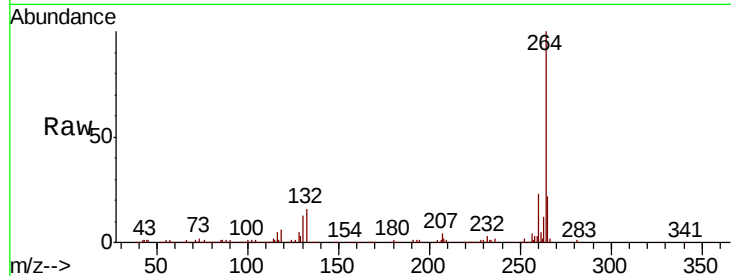
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	22.1	17.8	26.8

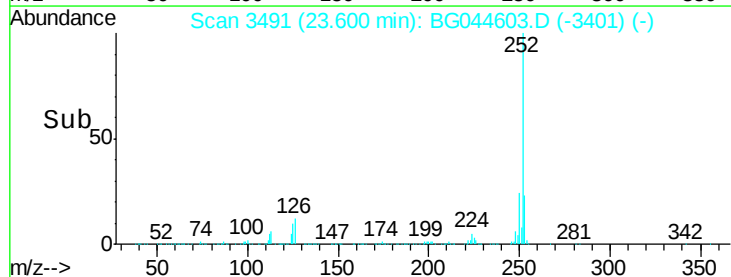
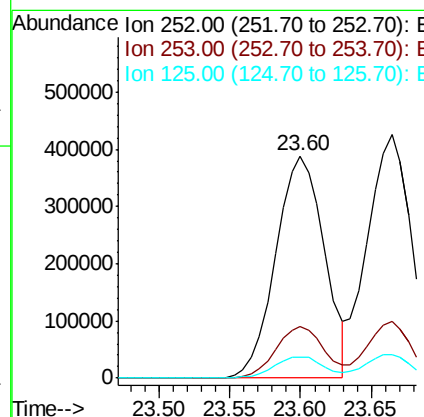
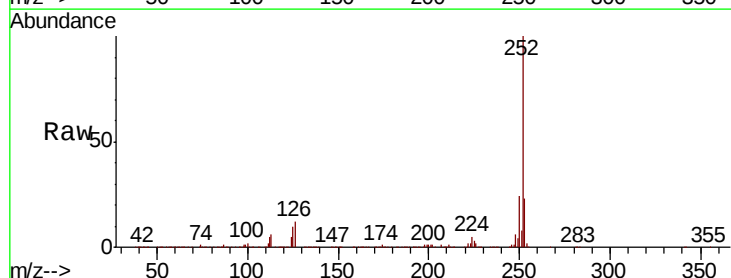
Manual Integrations
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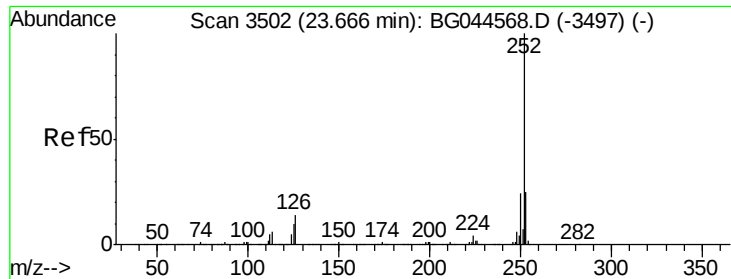
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#88
Benzo(b)fluoranthene
Concen: 42.719 ng
RT: 23.60 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	9.6	7.9	11.9





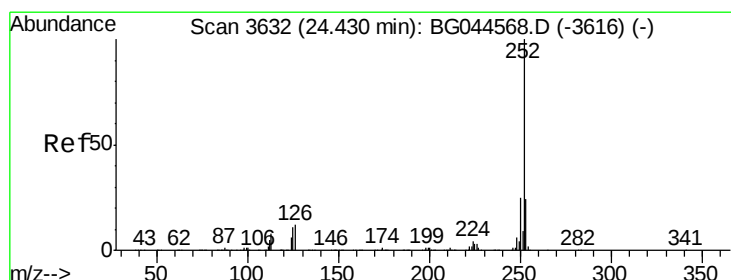
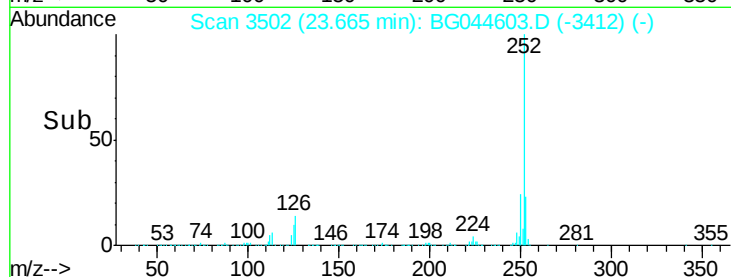
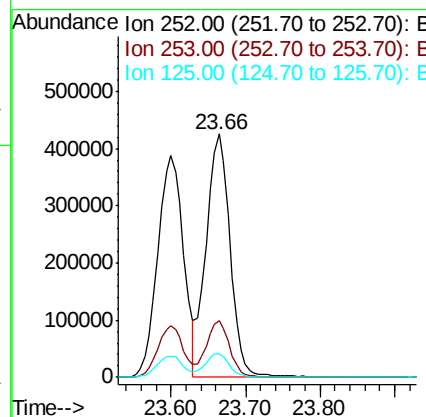
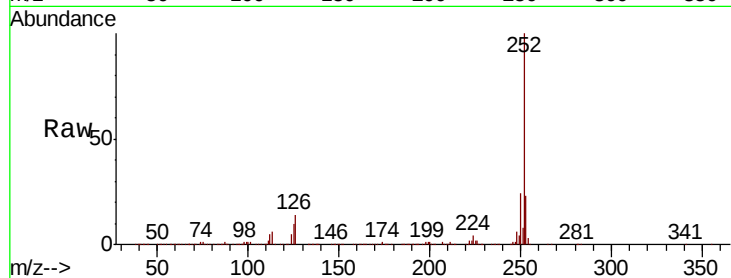
#89
Benzo(k)fluoranthene
Concen: 44.659 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.6
125	9.7	7.8	11.8

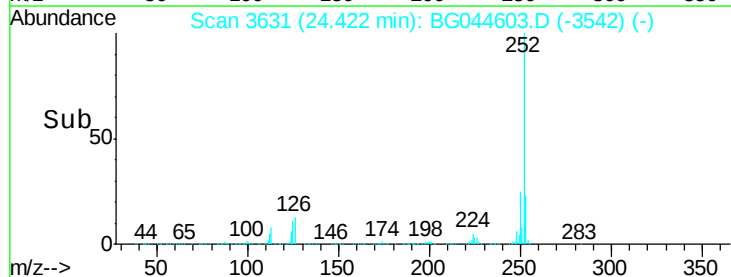
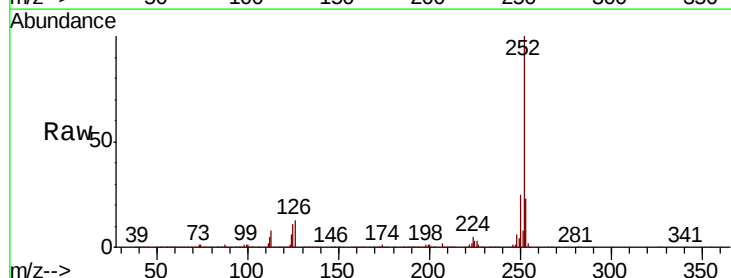
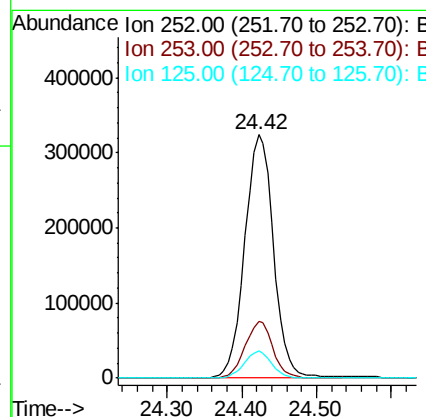
Manual Integrations
APPROVED

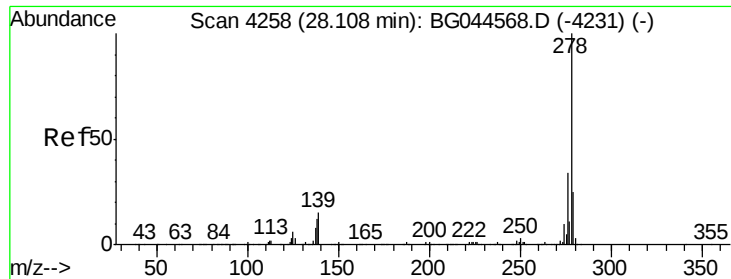
mohammad
2/27/2020 4:58:54 PM



#90
Benzo(a)pyrene
Concen: 42.196 ng
RT: 24.42 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	11.0	8.5	12.7





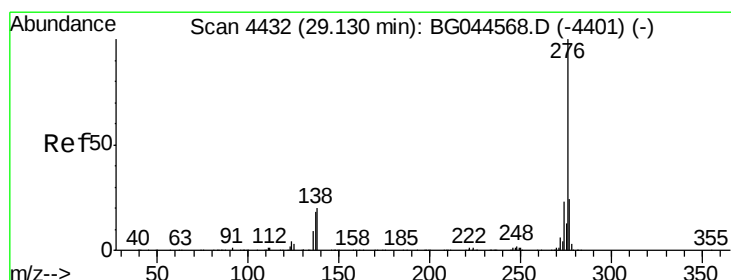
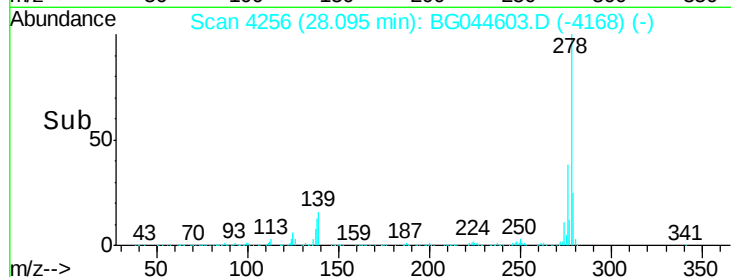
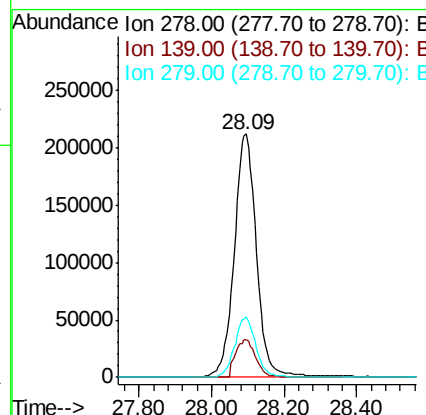
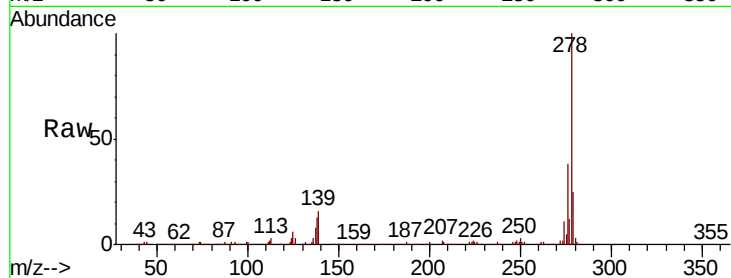
#91
Dibenzo(a,h)anthracene
Concen: 44.647 ng
RT: 28.09 min Scan# 4256
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Instrument :
BNA_G
ClientSampleId :
PB127090BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.7	17.5
279	24.7	19.8	29.6

Manual Integrations
APPROVED

mohammad
2/27/2020 4:58:54 PM



#92
Benzo(g,h,i)perylene
Concen: 44.832 ng
RT: 29.12 min Scan# 4430
Delta R.T. -0.01 min
Lab File: BG044603.D
Acq: 26 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	20.7	16.1	24.1

