

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044360.D
 Acq On : 10 Feb 2020 17:21
 Operator : CG/JU
 Sample : PB126691BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:49:36 AM

Quant Time: Feb 11 02:56:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	61544	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	270584	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	186989	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	459625	20.00	ng	0.00
76) Chrysene-d12	21.53	240	457635	20.00	ng	0.00
87) Perylene-d12	24.62	264	491817	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	490604	140.69	ng	0.00
7) Phenol-d6	7.08	99	652386	139.31	ng	0.00
23) Nitrobenzene-d5	9.06	82	383419	80.00	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	307261	139.97	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	938655	84.06	ng	0.00
79) Terphenyl-d14	19.90	244	1766386	79.39	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.36	88	52630	33.591 ng	97
3) Pyridine	3.76	79	136099	32.604 ng	99
4) n-Nitrosodimethylamine	3.67	42	72550	41.592 ng	99
6) Aniline	7.22	93	220035	37.855 ng	100
8) 2-Chlorophenol	7.47	128	195786	51.085 ng	98
9) Benzaldehyde	7.04	77	79274	29.724 ng	98
10) Phenol	7.10	94	239132	51.599 ng	98
11) bis(2-Chloroethyl)ether	7.32	93	171569	43.302 ng	98
12) 1,3-Dichlorobenzene	7.79	146	192203	42.003 ng	98
13) 1,4-Dichlorobenzene	7.94	146	192734	42.526 ng	99
14) 1,2-Dichlorobenzene	8.26	146	185722	43.354 ng	98
15) Benzyl Alcohol	8.14	79	159859	48.218 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	226452	42.228 ng	99
17) 2-Methylphenol	8.35	107	167990	50.805 ng	99
18) Hexachloroethane	8.99	117	70133	41.237 ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	137728	44.131 ng	98
20) 3+4-Methylphenols	8.68	107	232549	51.032 ng	98
22) Acetophenone	8.72	105	267519	40.641 ng	98
24) Nitrobenzene	9.10	77	198401	42.403 ng	99
25) Isophorone	9.63	82	394578	44.170 ng	99
26) 2-Nitrophenol	9.82	139	108246	44.585 ng	99
27) 2,4-Dimethylphenol	9.88	122	192317	56.115 ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	251864	42.264 ng	98
29) 2,4-Dichlorophenol	10.36	162	200868	48.472 ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	194318	40.894 ng	100
31) Naphthalene	10.76	128	578823	44.091 ng	99
32) Benzoic acid	10.03	122	64861	34.421 ng	90
33) 4-Chloroaniline	10.86	127	129037	21.612 ng	98
34) Hexachlorobutadiene	11.05	225	112661	38.531 ng	99
35) Caprolactam	11.63	113	82241m	54.176 ng	
36) 4-Chloro-3-methylphenol	12.00	107	216893	49.920 ng	99
37) 2-Methylnaphthalene	12.37	142	443500	45.500 ng	97
38) 1-Methylnaphthalene	12.58	142	423282	46.061 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	218917	39.138 ng	99

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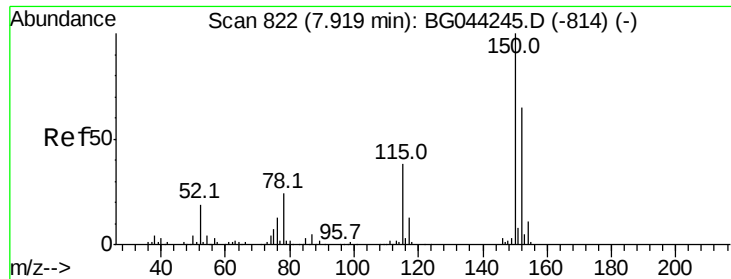
Manual Integrations
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 QLast Update : Mon Feb 10 16:11:50 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	266976	99.473	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	164305	45.445	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	177967	48.192	ng	98
46) 1,1'-Biphenyl	13.38	154	573959	42.554	ng	99
47) 2-Chloronaphthalene	13.42	162	449345	41.866	ng	99
48) 2-Nitroaniline	13.62	65	137878	43.529	ng	95
49) Acenaphthylene	14.26	152	730532	46.406	ng	98
50) Dimethylphthalate	14.00	163	619728	46.106	ng	100
51) 2,6-Dinitrotoluene	14.11	165	140884	47.009	ng	99
52) Acenaphthene	14.60	154	449097	44.013	ng	99
53) 3-Nitroaniline	14.44	138	93617	28.235	ng	99
54) 2,4-Dinitrophenol	14.65	184	162267	90.291	ng	98
55) Dibenzofuran	14.94	168	713331	46.174	ng	99
56) 4-Nitrophenol	14.76	139	283166	116.589	ng	99
57) 2,4-Dinitrotoluene	14.90	165	206186	49.086	ng	97
58) Fluorene	15.59	166	574404	47.206	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	165798	49.706	ng	99
60) Diethylphthalate	15.37	149	640216	47.801	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	300308	45.518	ng	99
62) 4-Nitroaniline	15.61	138	153340	46.282	ng	96
63) Azobenzene	15.88	77	559146	47.634	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	127542	50.270	ng	97
66) n-Nitrosodiphenylamine	15.80	169	552259	42.875	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	207009	41.339	ng	98
68) Hexachlorobenzene	16.60	284	228759	40.776	ng	99
69) Atrazine	16.75	200	228179	51.684	ng	99
70) Pentachlorophenol	16.94	266	265063	92.904	ng	99
71) Phenanthrene	17.33	178	998760	44.875	ng	99
72) Anthracene	17.42	178	1037453	47.148	ng	99
73) Carbazole	17.69	167	958566	47.254	ng	99
74) Di-n-butylphthalate	18.25	149	1182178	47.159	ng	100
75) Fluoranthene	19.34	202	1245983	48.394	ng	99
77) Benzidine	19.52	184	584096	46.015	ng	99
78) Pyrene	19.70	202	1250942	42.564	ng	99
80) Butylbenzylphthalate	20.59	149	545067	40.698	ng	99
81) Benzo(a)anthracene	21.51	228	1191419	42.242	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	318181	29.067	ng	99
83) Chrysene	21.58	228	1137647	41.730	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	761276	41.296	ng	100
85) Di-n-octyl phthalate	22.60	149	1335348	41.866	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1482647	41.685	ng	99
88) Benzo(b)fluoranthene	23.65	252	1271421	44.863	ng	99
89) Benzo(k)fluoranthene	23.71	252	1244052	45.039	ng	99
90) Benzo(a)pyrene	24.47	252	1180089	44.041	ng	98
91) Dibenzo(a,h)anthracene	28.17	278	1219016	45.968	ng	98
92) Benzo(g,h,i)perylene	29.20	276	1242044	46.787	ng	99

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



#1

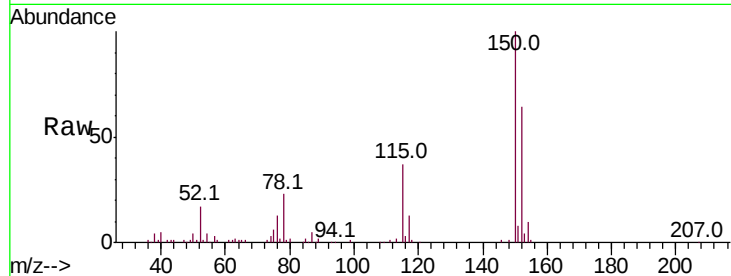
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
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ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.6	183.8
115	57.5	46.0	69.0

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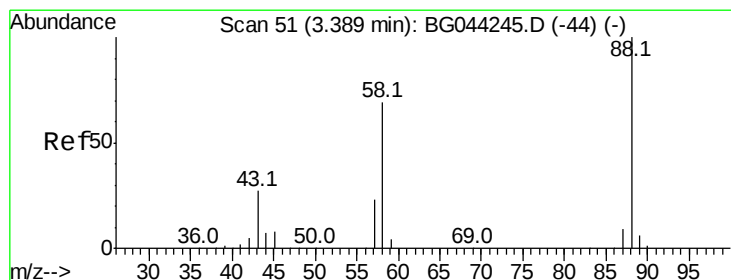
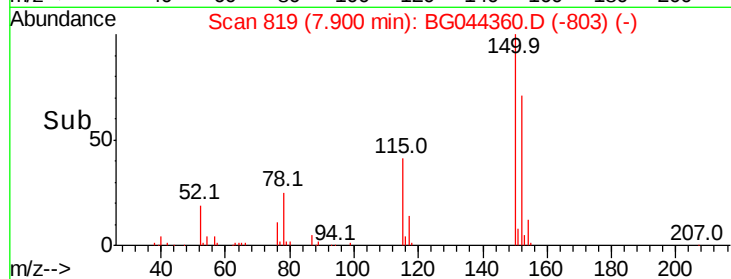
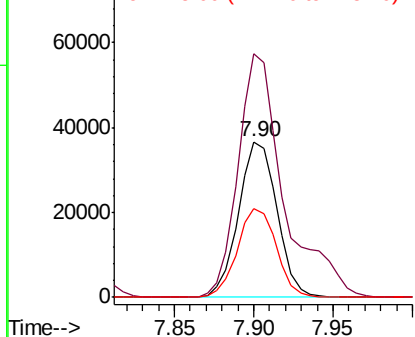


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

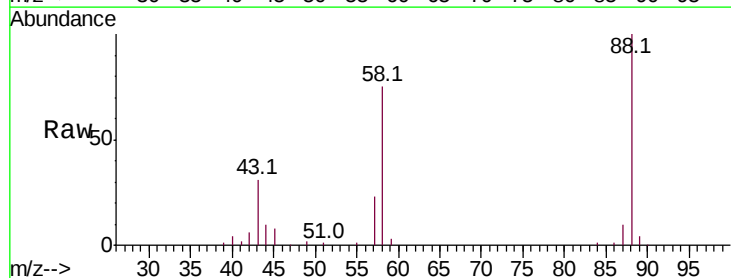
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.591 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	55.8	83.6
43	24.6	21.6	32.4

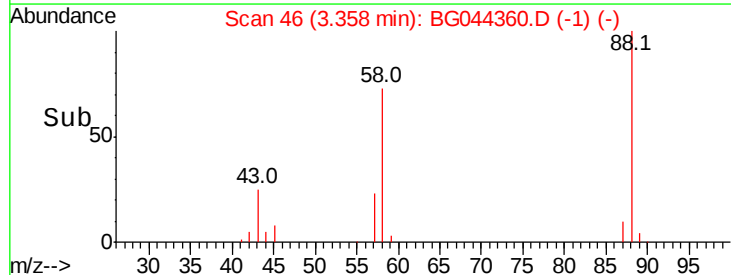
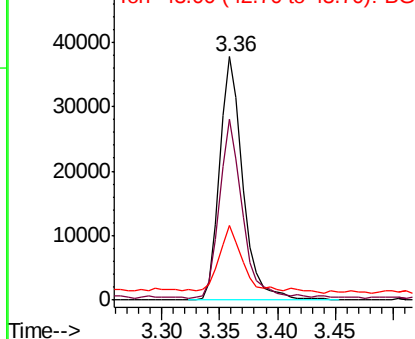


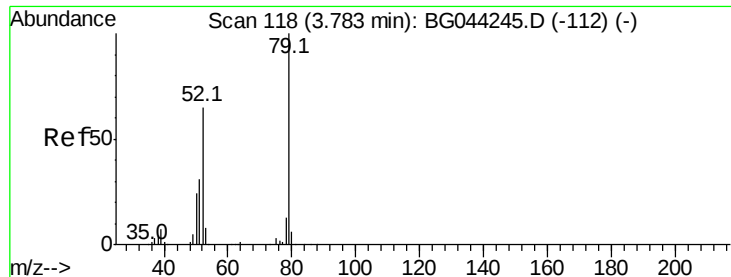
Abundance

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: 32.604 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

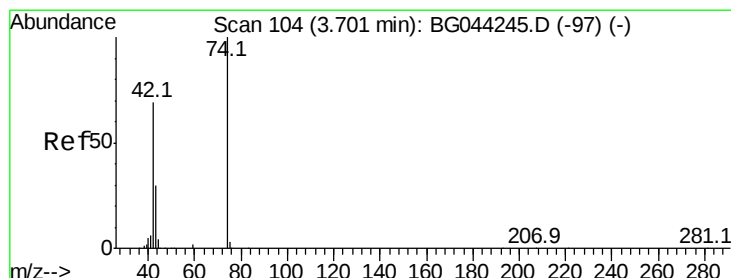
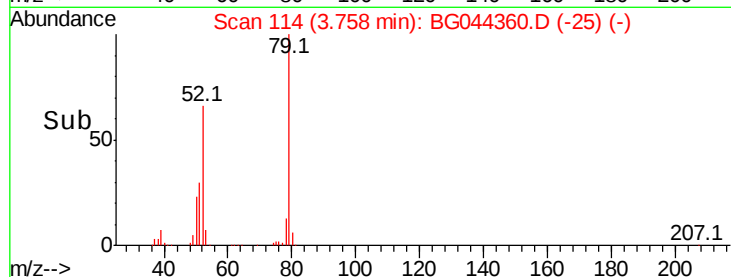
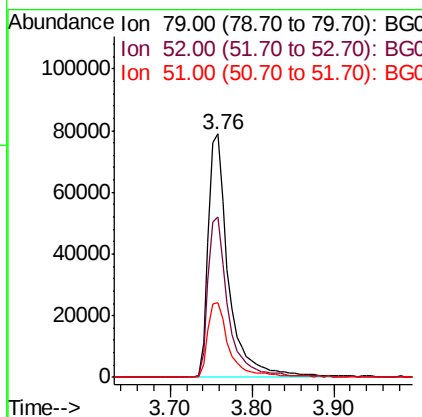
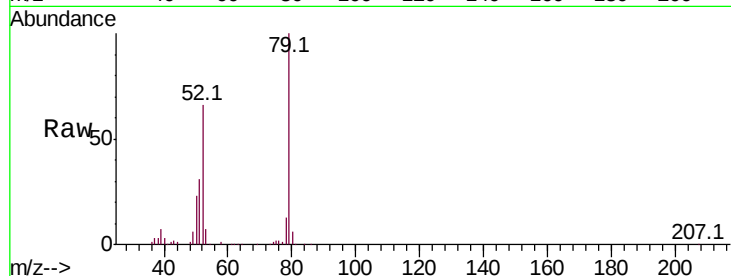
ClientSampleId :

PB126691BS

Tot Ion:	79	Resp:	136099
Ion Ratio	Lower	Upper	
79	100		
52	65.9	51.9	77.9
51	30.7	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 41.592 ng

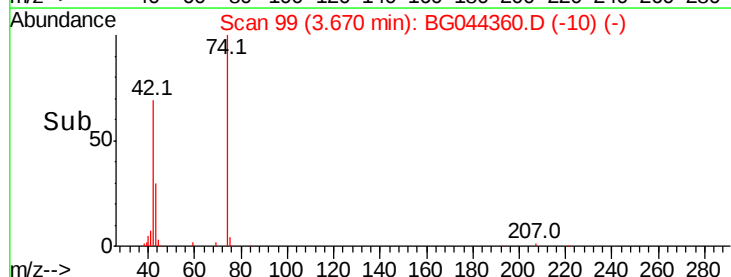
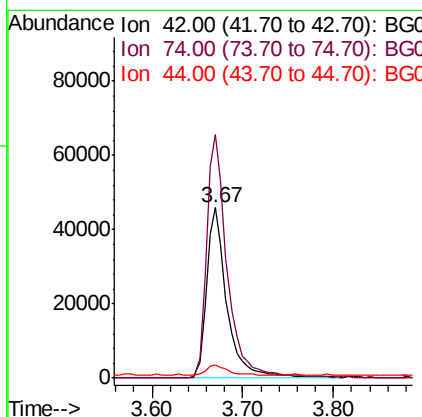
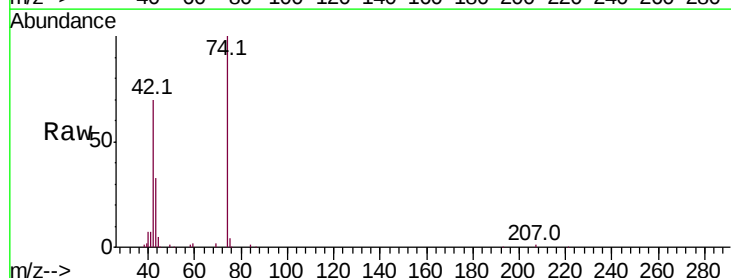
RT: 3.67 min Scan# 99

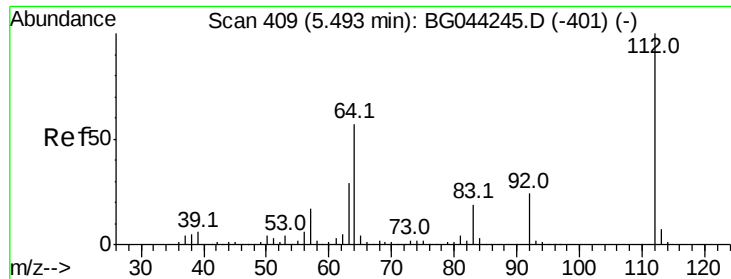
Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion:	42	Resp:	72550
Ion Ratio	Lower	Upper	
42	100		
74	143.0	115.1	172.7
44	7.8	5.6	8.4





#5

2-Fluorophenol

Concen: 140.686 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

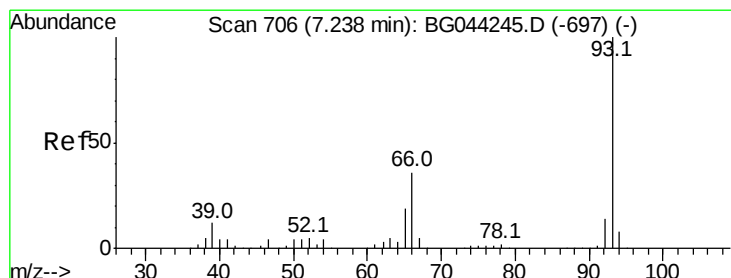
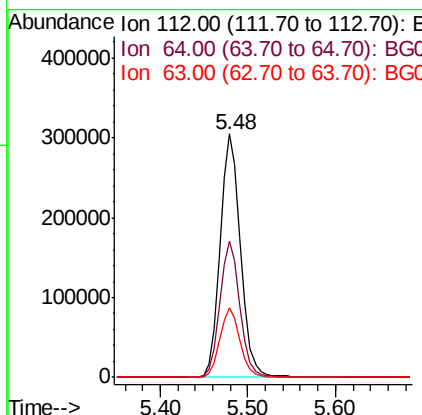
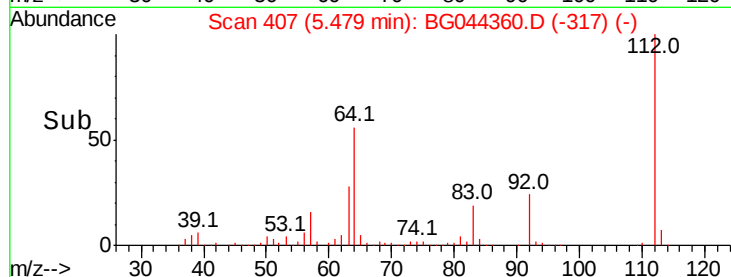
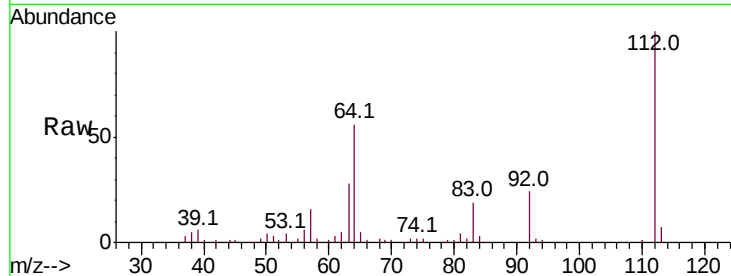
ClientSampleId :

PB126691BS

Tot Ion:	112	Resp:	490604
Ion Ratio	Lower	Upper	
112	100		
64	56.0	45.4	68.2
63	28.5	22.9	34.3

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#6

Aniline

Concen: 37.855 ng

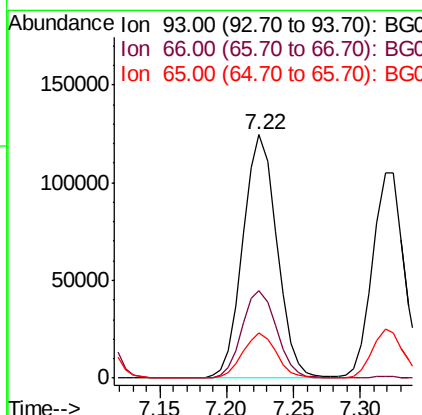
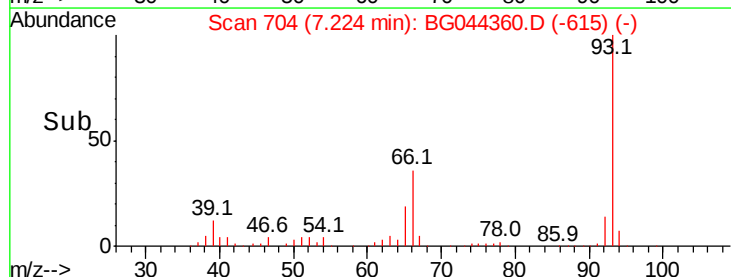
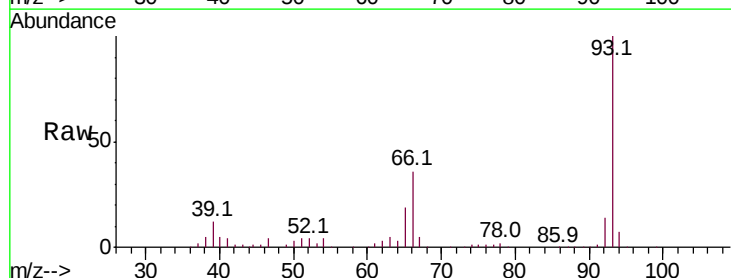
RT: 7.22 min Scan# 704

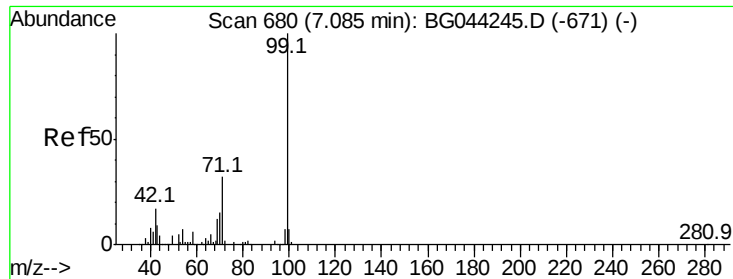
Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion:	93	Resp:	220035
Ion Ratio	Lower	Upper	
93	100		
66	35.8	28.7	43.1
65	18.8	15.4	23.0





#7

Phenol-d6

Concen: 139.315 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

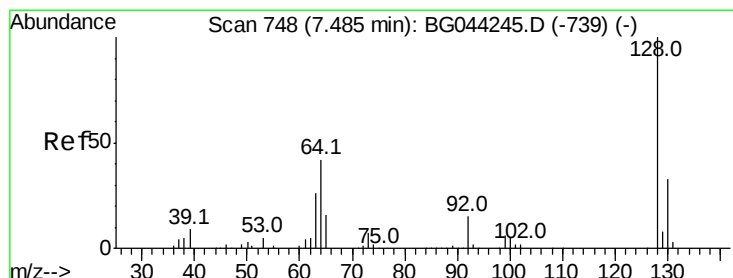
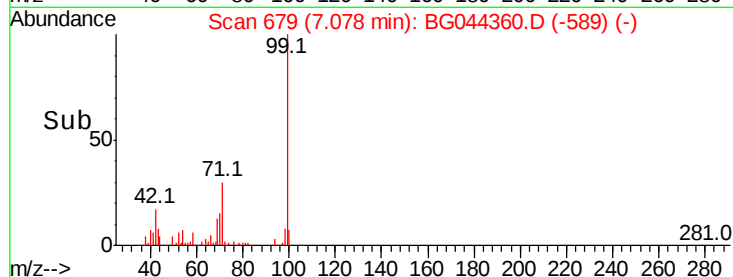
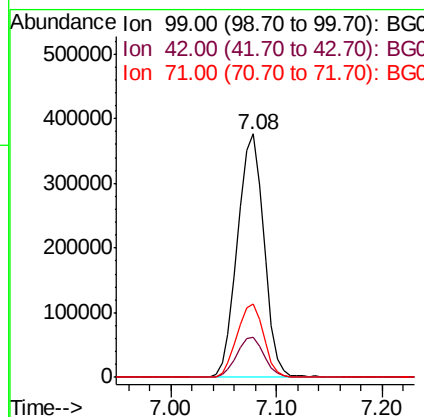
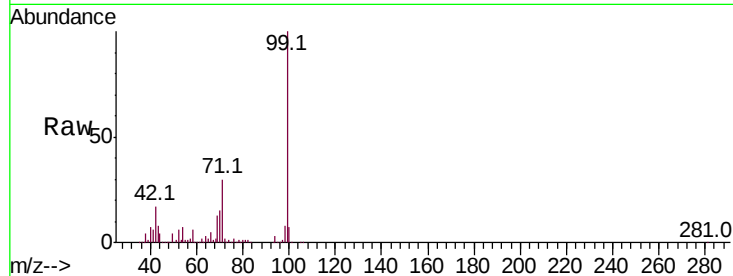
ClientSampleId :

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Tot Ion	99	Resp	652386
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.8	20.6
71	30.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 51.085 ng

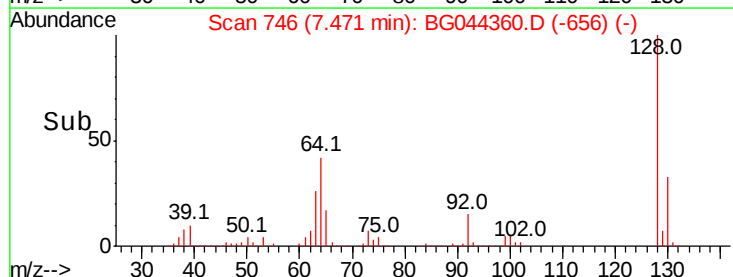
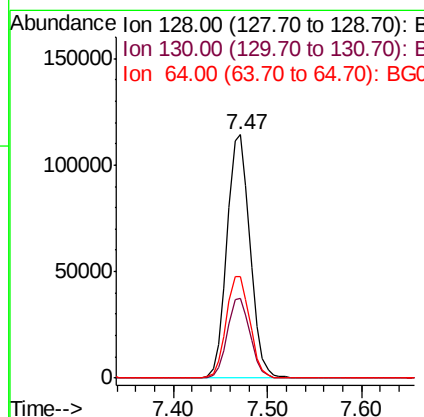
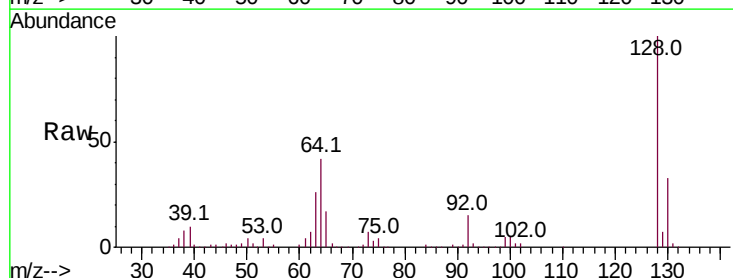
RT: 7.47 min Scan# 746

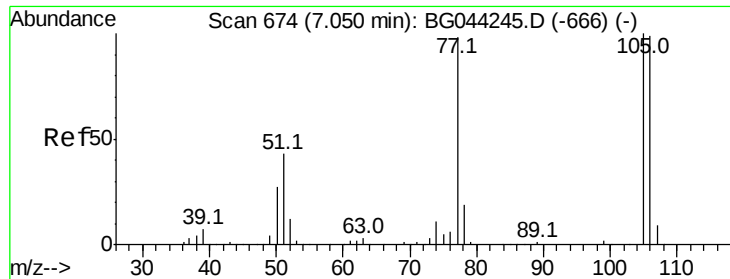
Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion	128	Resp	195786
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.5	52.5
64	42.0	24.2	64.2





#9

Benzaldehyde

Concen: 29.724 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126691BS

Tot Ion: 77 Resp: 79274

Ion Ratio Lower Upper

77 100

105 104.7 82.0 122.0

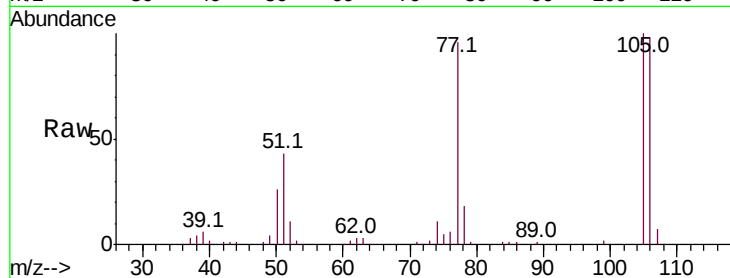
106 102.1 80.7 120.7

Manual Integrations

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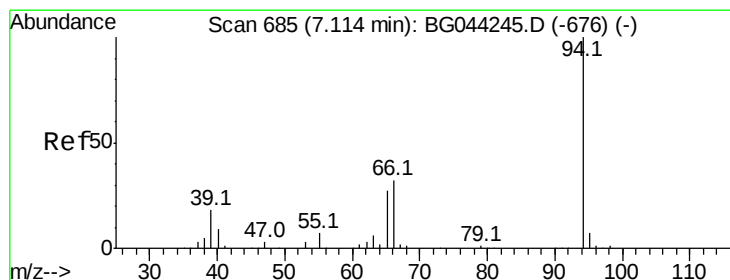
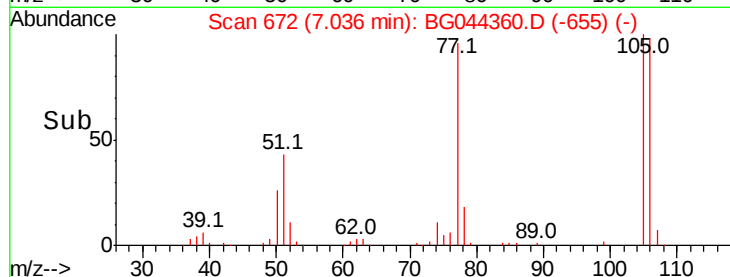
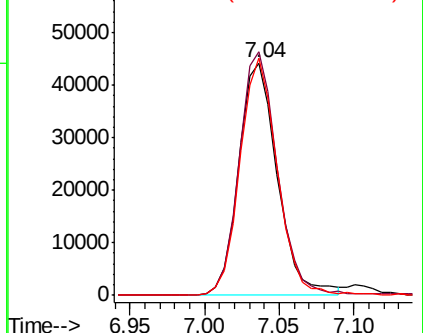
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.599 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

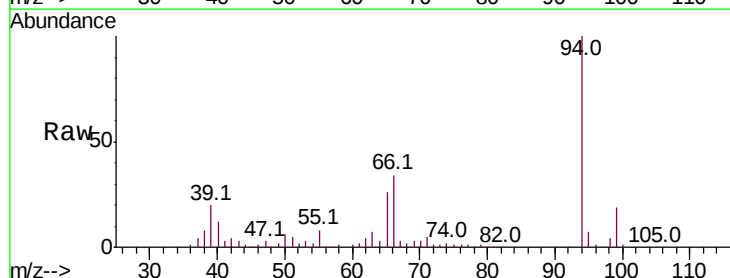
Tgt Ion: 94 Resp: 239132

Ion Ratio Lower Upper

94 100

65 26.2 7.0 47.0

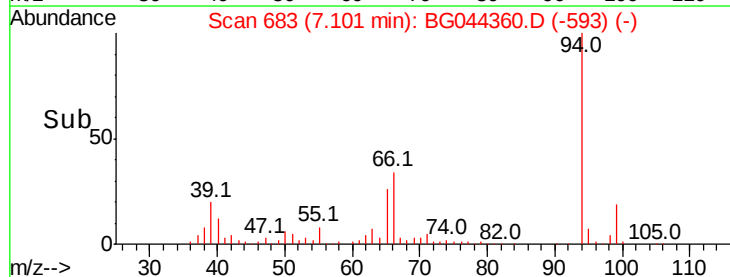
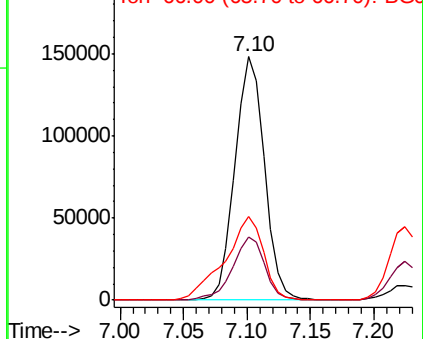
66 34.4 12.7 52.7

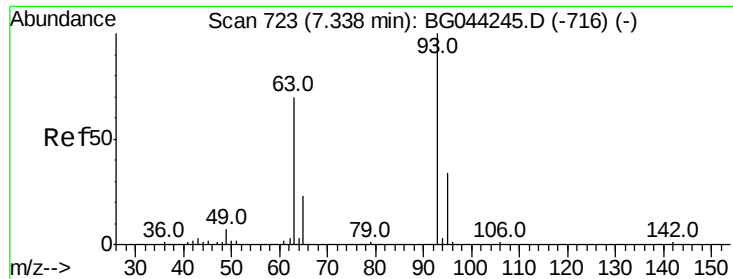


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





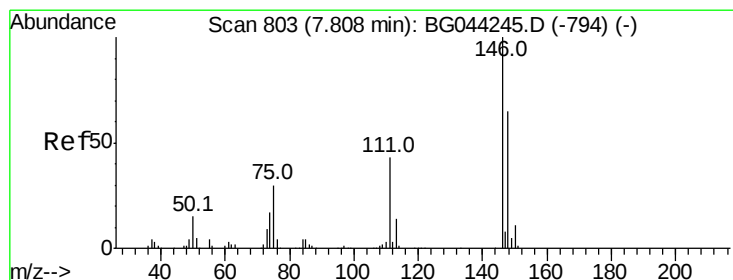
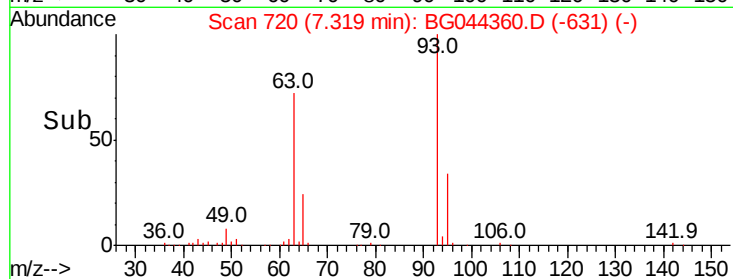
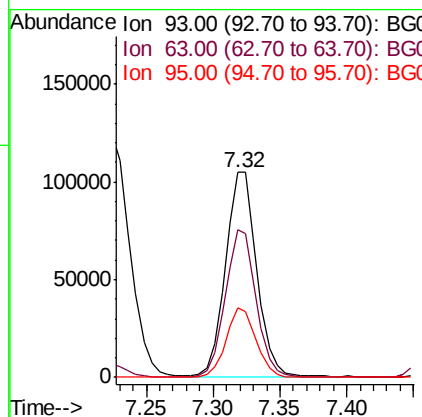
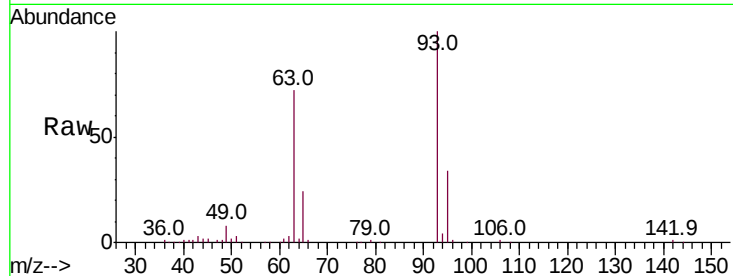
#11
bis(2-Chloroethyl)ether
Concen: 43.302 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	49.2	89.2
95	33.8	13.6	53.6

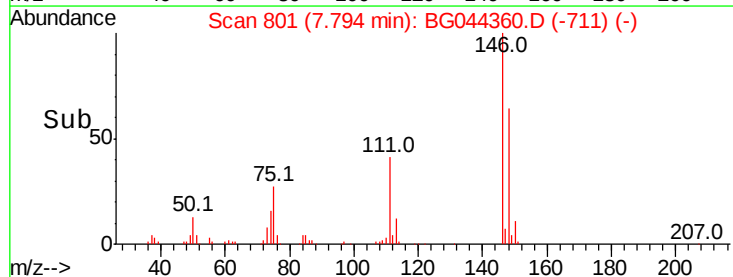
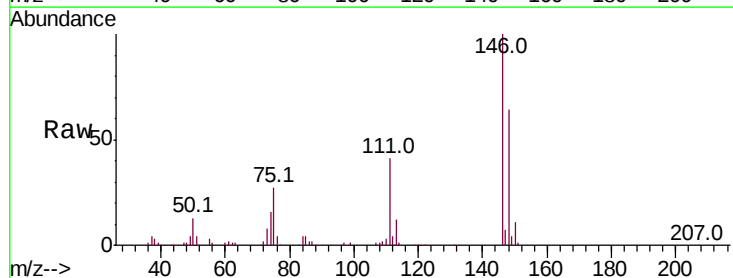
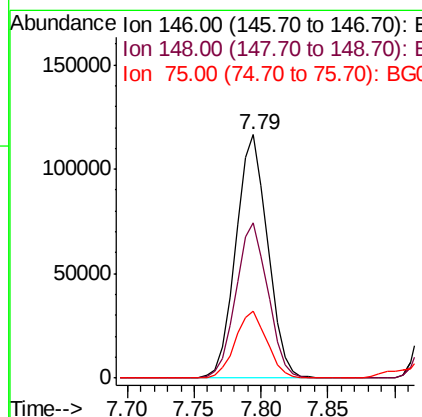
Manual Integrations
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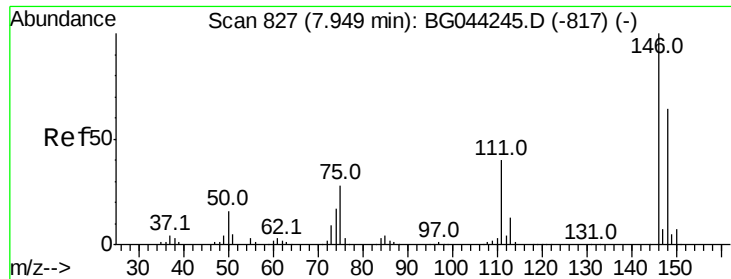
mohammad
2/12/2020 9:49:36 AM



#12
1,3-Dichlorobenzene
Concen: 42.003 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	27.3	23.7	35.5





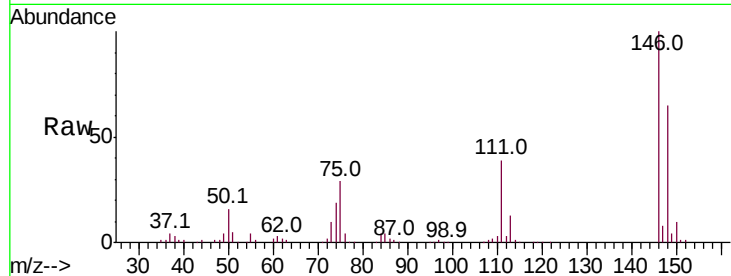
#13
 1,4-Dichlorobenzene
 Concen: 42.526 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	39.1	31.8	47.8

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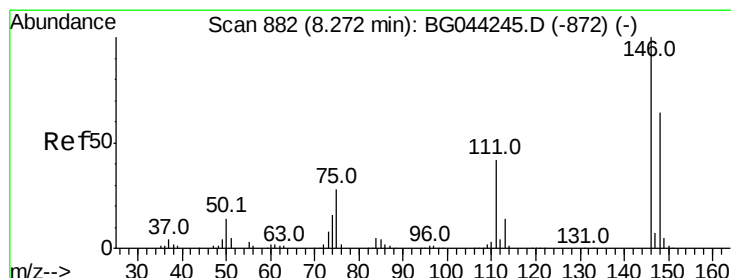
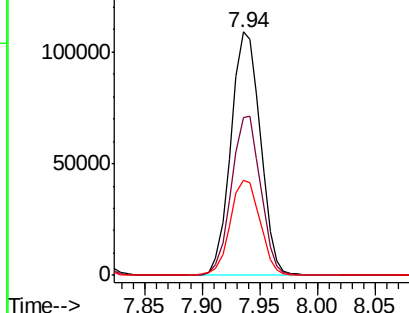
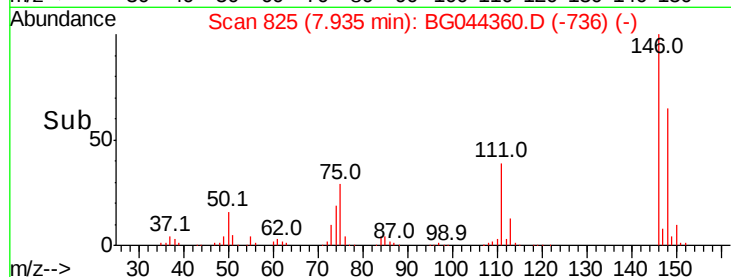


Abundance

Ion 146.00 (145.70 to 146.70): E

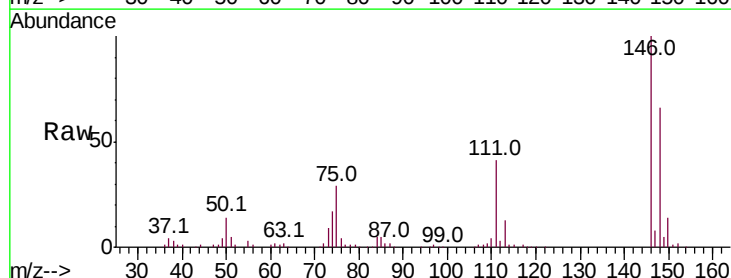
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.354 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.2	76.8
111	41.3	34.0	51.0

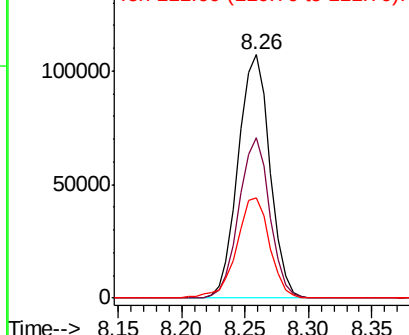
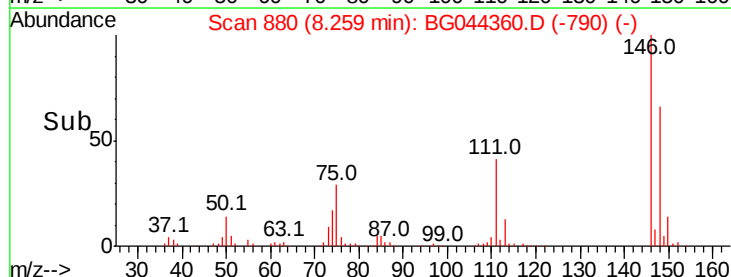


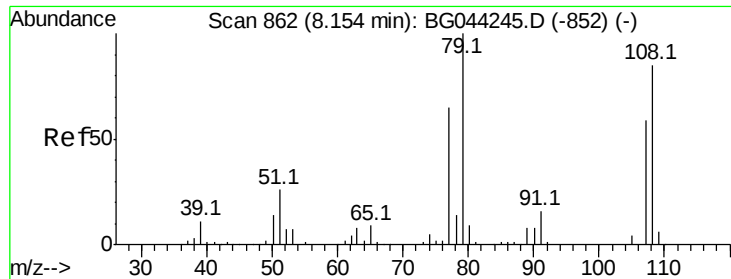
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.218 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

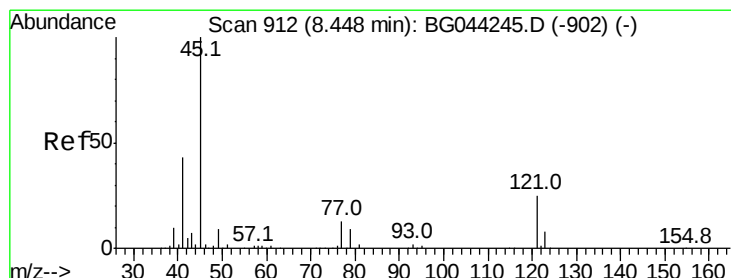
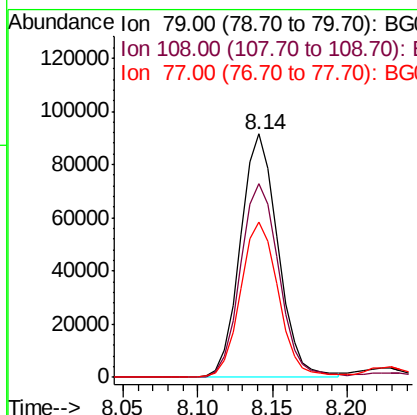
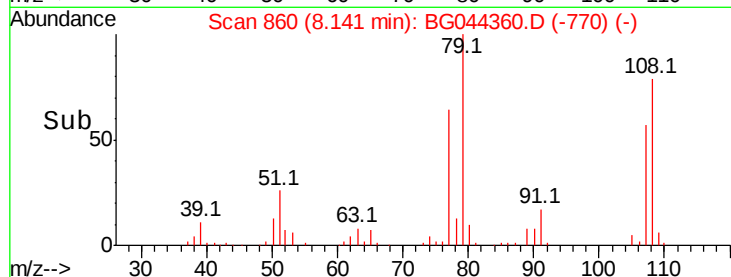
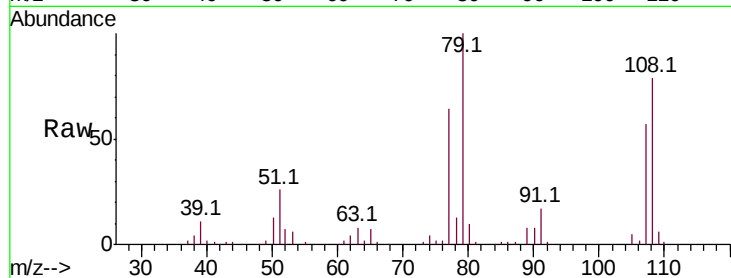
ClientSampleId :

PB126691BS

Tot Ion:	79	Resp:	159859
Ion Ratio	Lower	Upper	
79	100		
108	79.4	68.3	102.5
77	63.6	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.228 ng

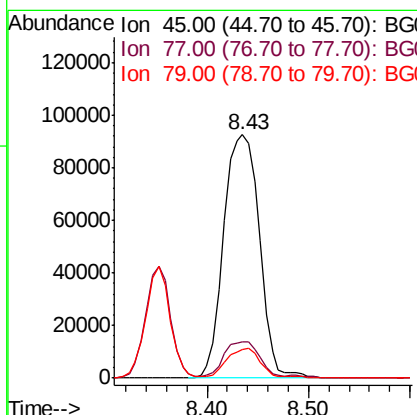
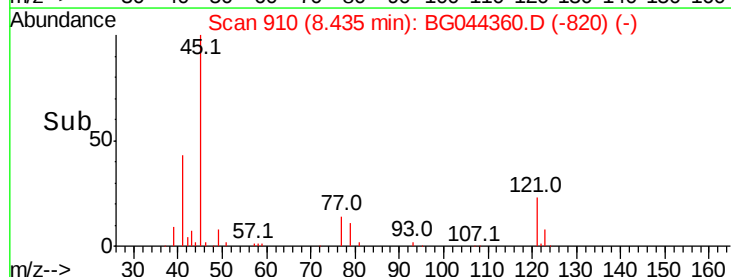
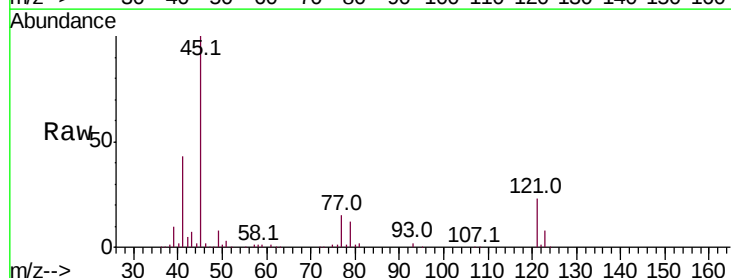
RT: 8.43 min Scan# 910

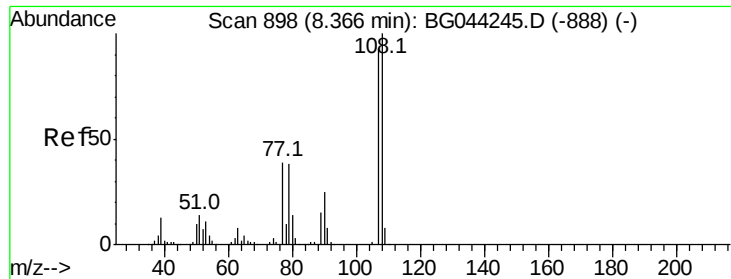
Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion:	45	Resp:	226452
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	35.2
79	12.0	0.0	31.1





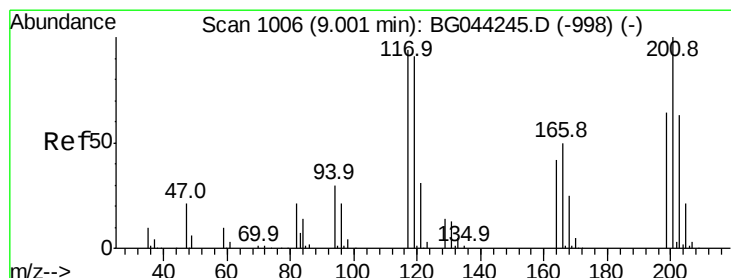
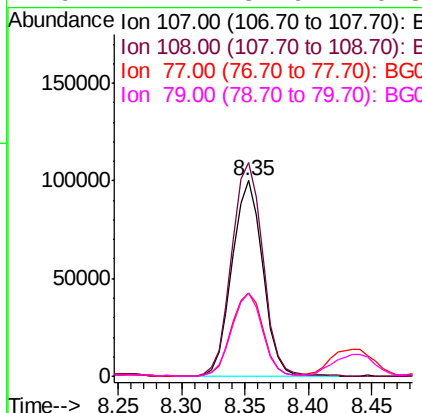
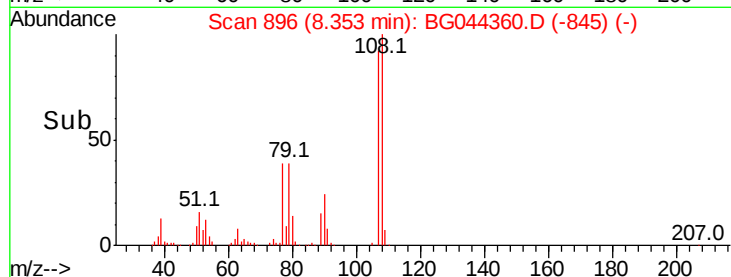
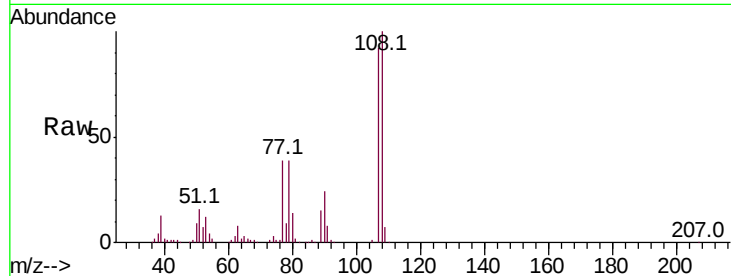
#17
2-Methylphenol
Concen: 50.805 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	86.4	129.6	
77	42.3	34.0	51.0	
79	42.2	32.9	49.3	

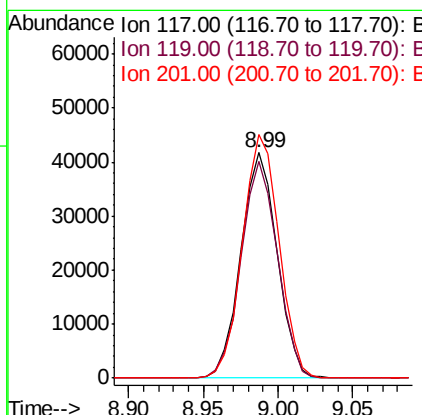
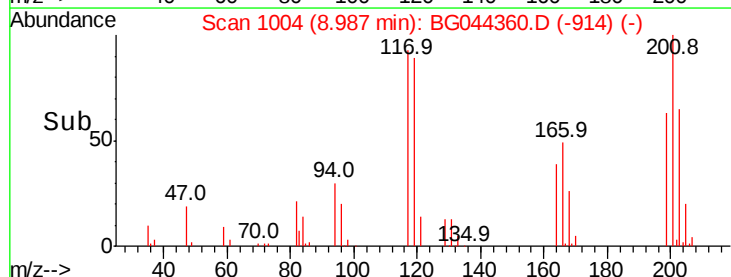
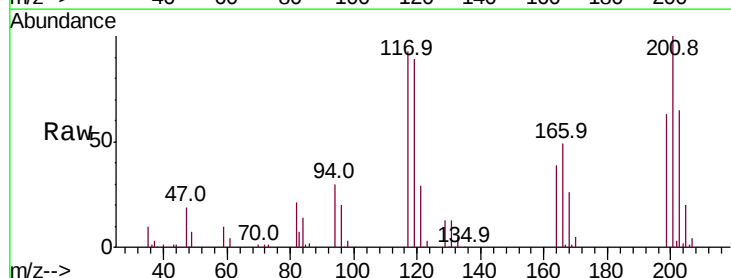
Manual Integrations
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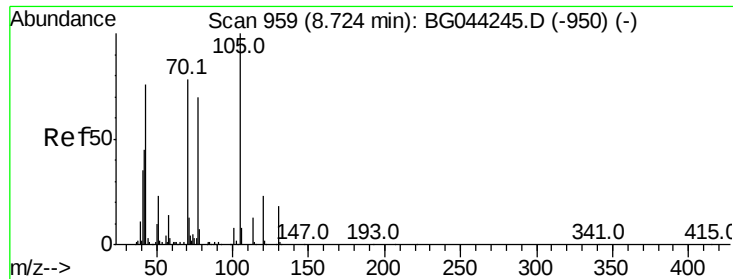
mohammad
2/12/2020 9:49:36 AM



#18
Hexachloroethane
Concen: 41.237 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.5	116.3	
201	108.1	84.9	127.3	





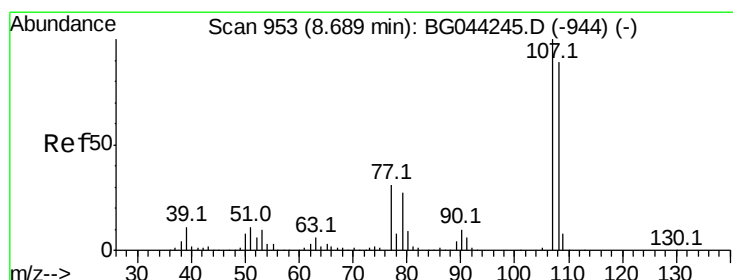
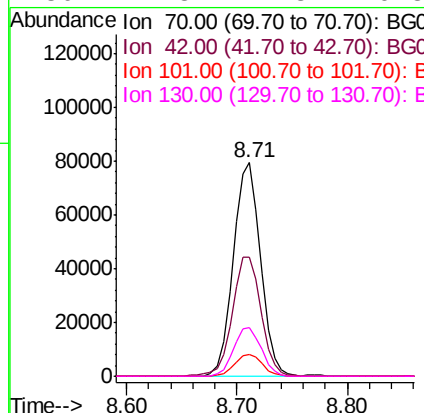
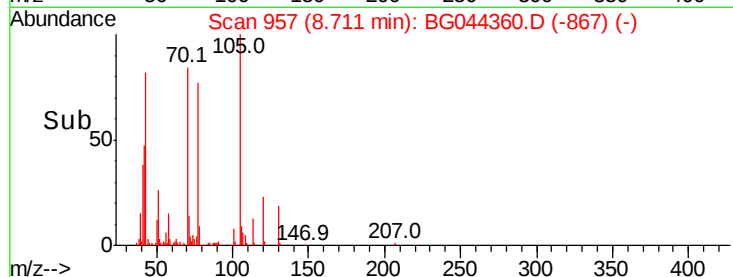
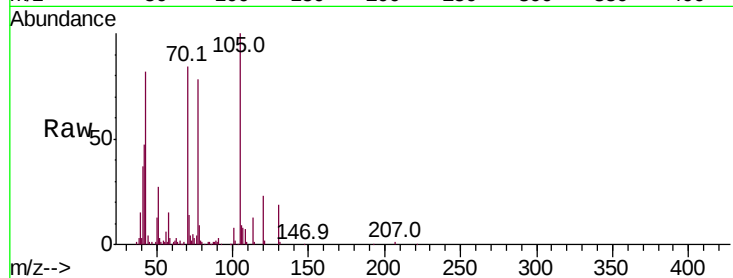
#19
n-Nitroso-di-n-propylamine
Concen: 44.131 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.8	46.2	69.2		
101	10.0	8.4	12.6		
130	22.8	17.8	26.8		

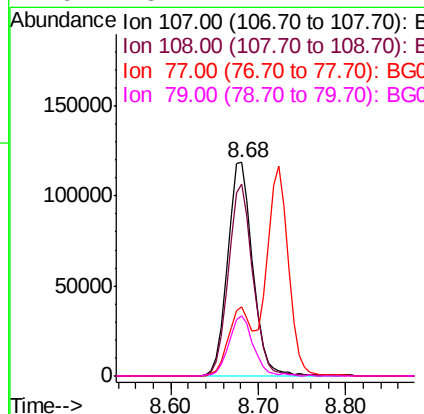
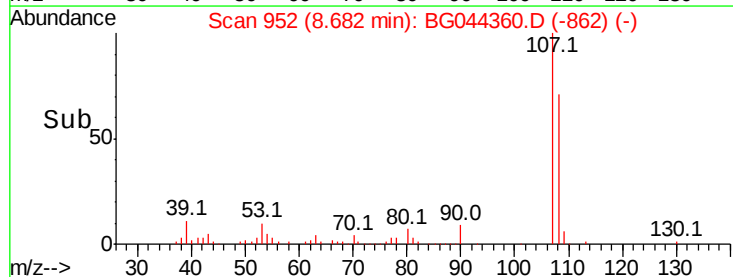
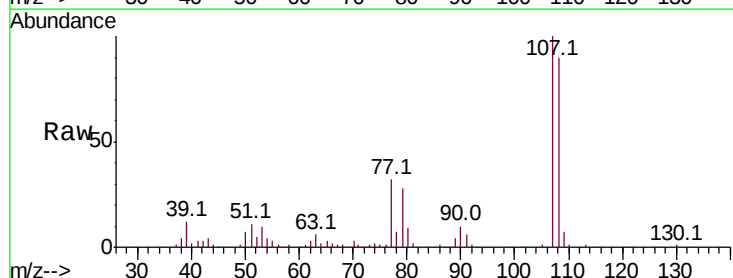
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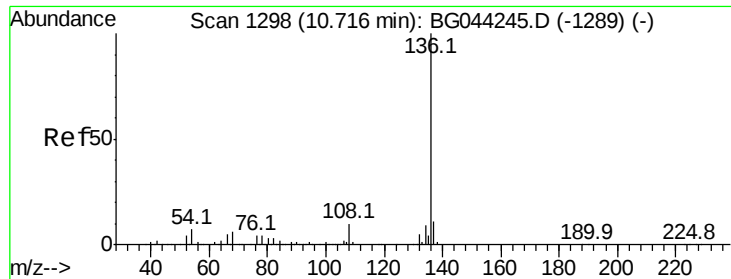
mohammad
2/12/2020 9:49:36 AM



#20
3+4-Methylphenols
Concen: 51.032 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.2	68.5	108.5		
77	32.1	10.9	50.9		
79	28.2	7.1	47.1		





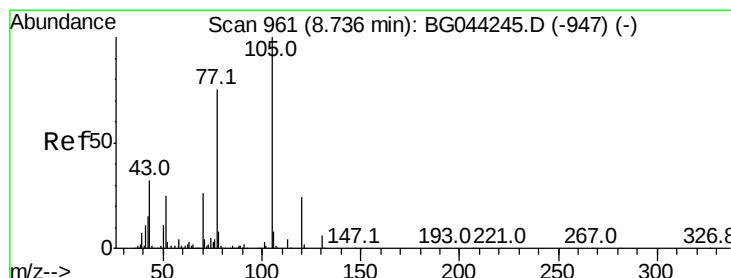
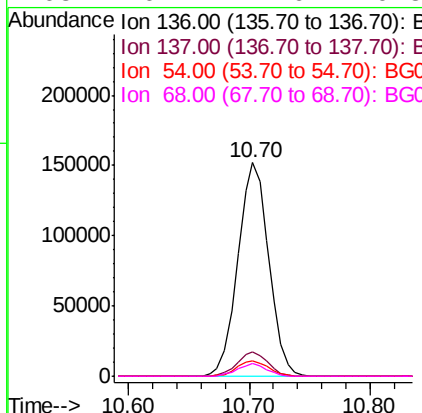
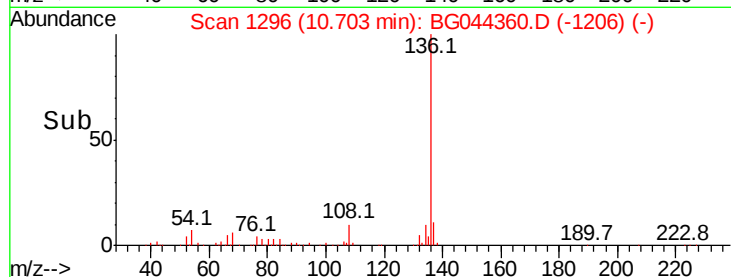
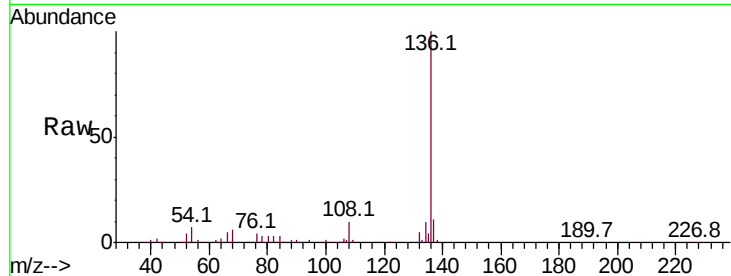
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	270584		
137	11.3		8.8	13.2
54	7.2		5.8	8.8
68	6.1		4.6	6.8

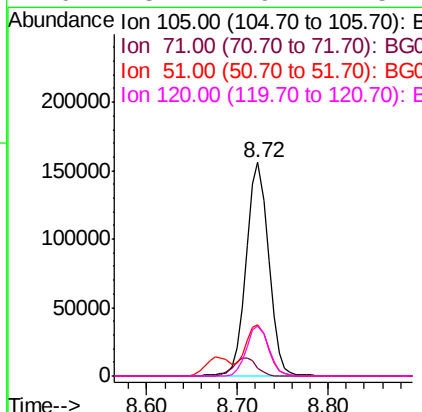
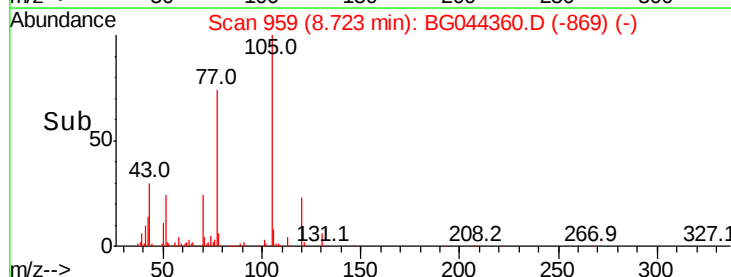
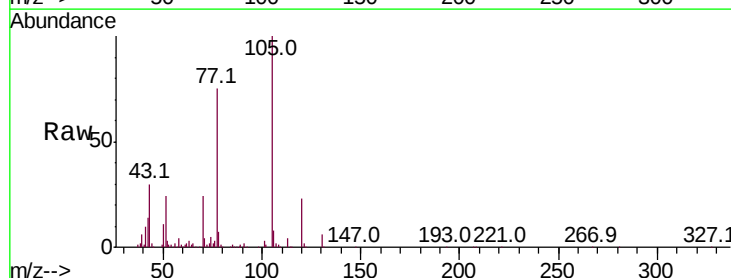
Manual Integrations
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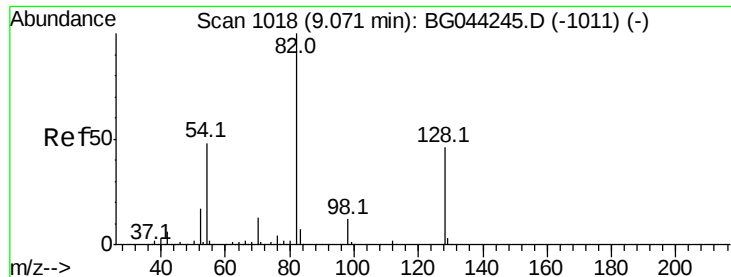
mohammad
2/12/2020 9:49:36 AM



#22
Acetophenone
Concen: 40.641 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267519		
71	3.8		3.4	5.0
51	23.8		20.2	30.4
120	23.2		19.1	28.7





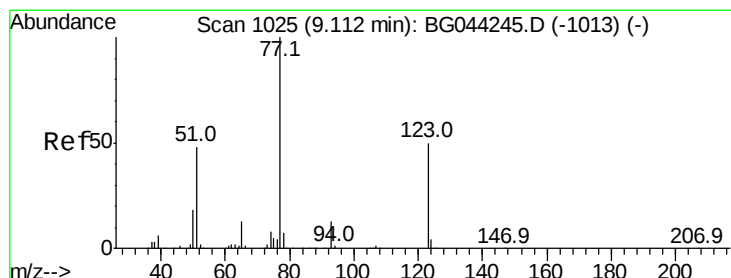
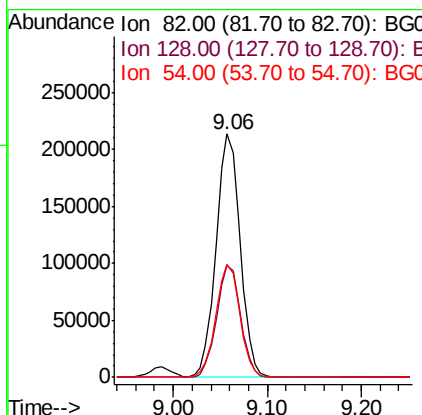
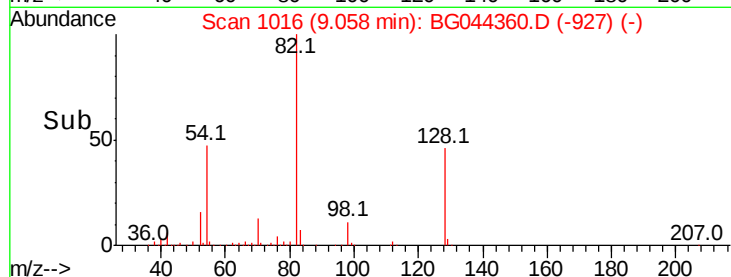
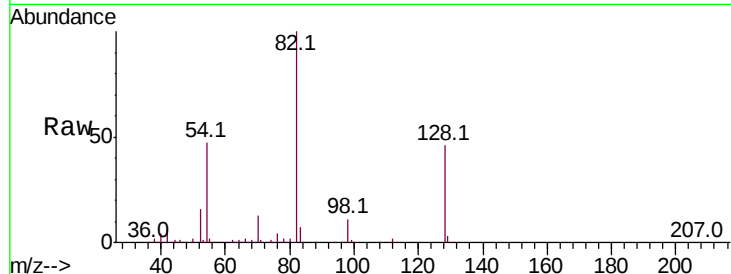
#23
Nitrobenzene-d5
Concen: 79.999 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampled :
PB126691BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	46.7	38.6	58.0

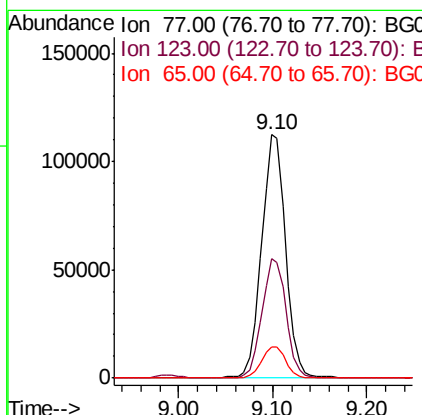
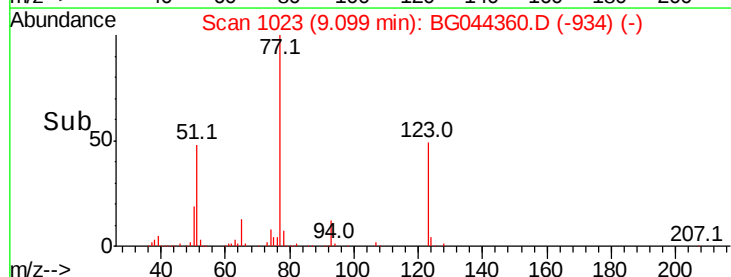
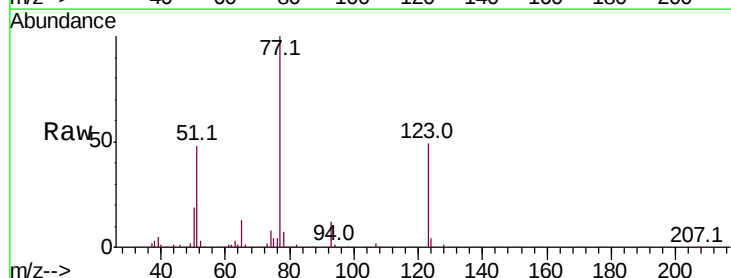
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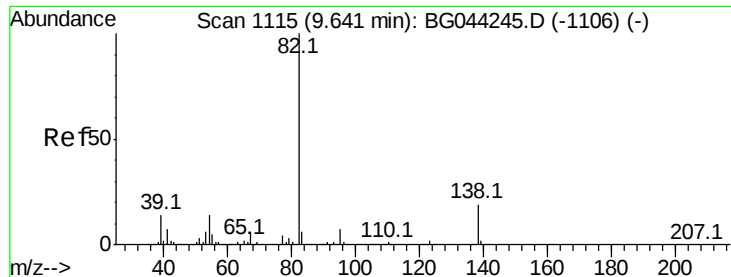
mohammad
2/12/2020 9:49:36 AM



#24
Nitrobenzene
Concen: 42.403 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.9	59.9
65	13.0	10.4	15.6





#25

Isophorone

Concen: 44.170 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

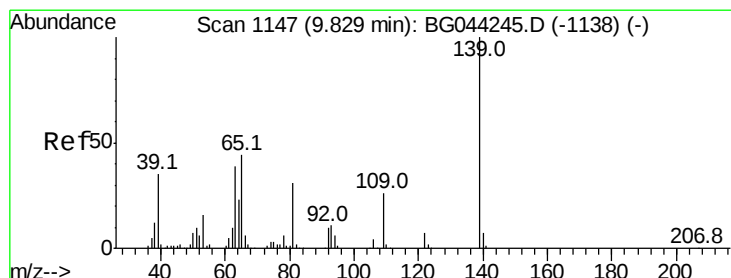
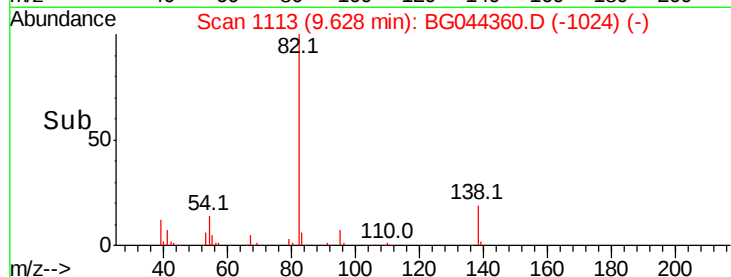
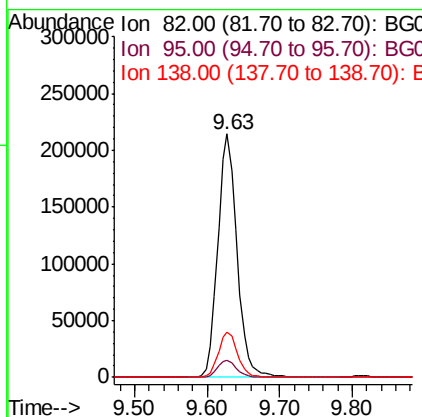
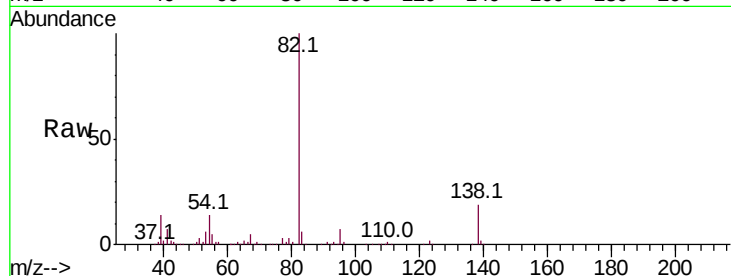
ClientSampleId :

PB126691BS

Tot Ion:	82	Resp:	394578
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.7	8.5
138	18.5	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.585 ng

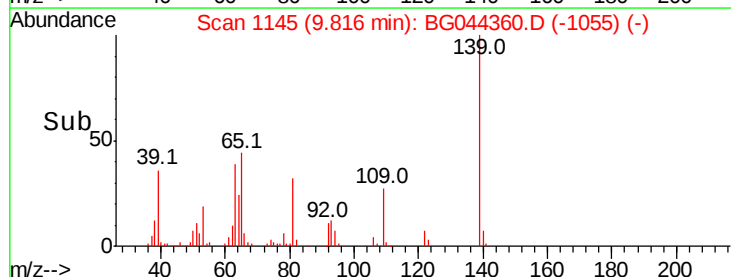
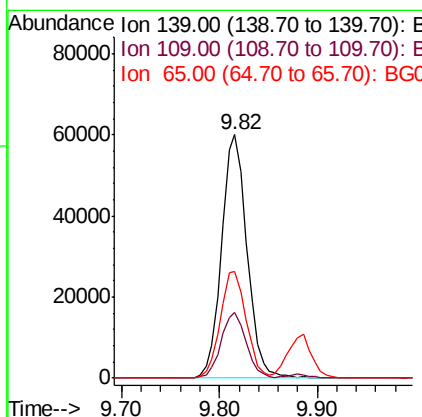
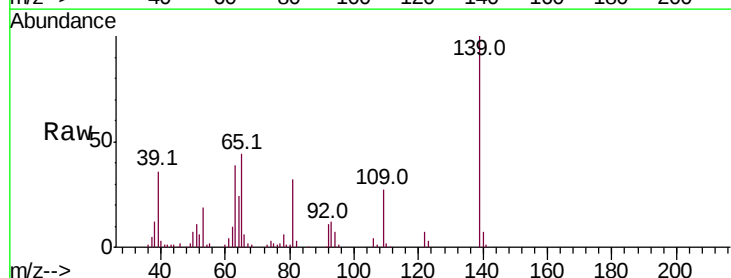
RT: 9.82 min Scan# 1145

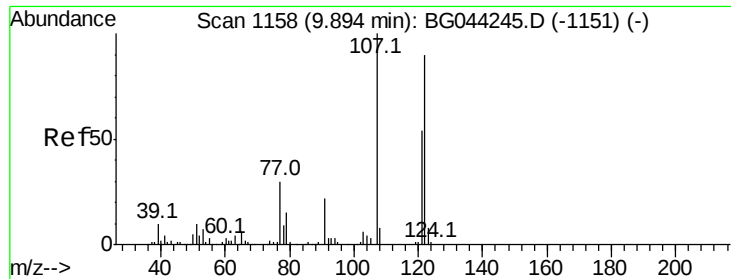
Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion:	139	Resp:	108246
Ion Ratio	Lower	Upper	
139	100		
109	27.1	21.0	31.4
65	44.0	35.0	52.4





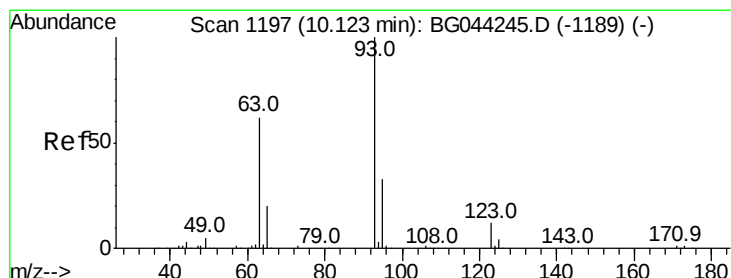
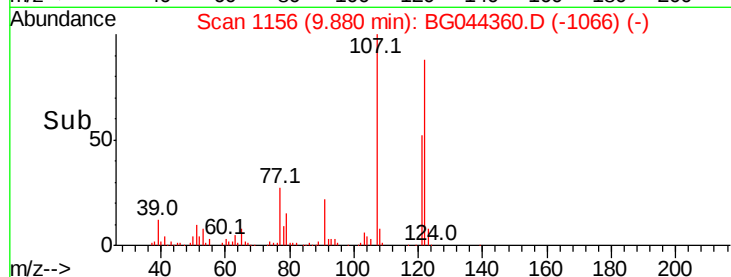
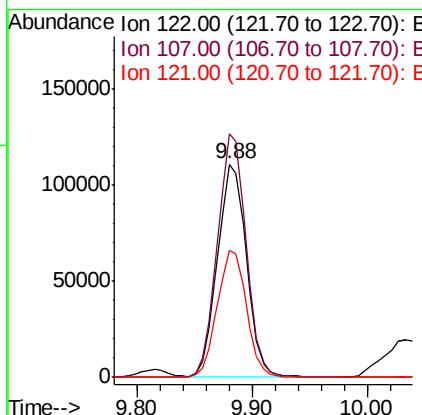
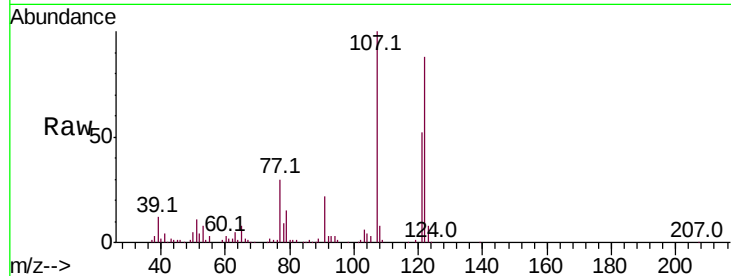
#27
2,4-Dimethylphenol
Concen: 56.115 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	192317		
107	114.0	88.8	133.2	
121	59.3	48.3	72.5	

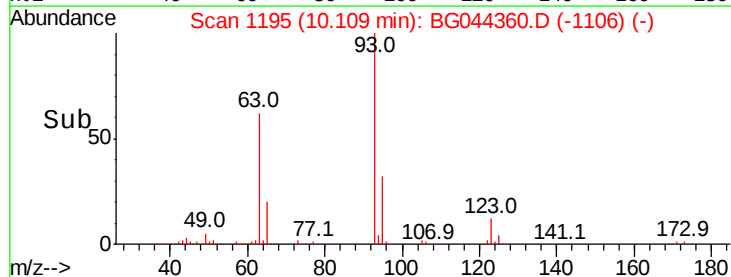
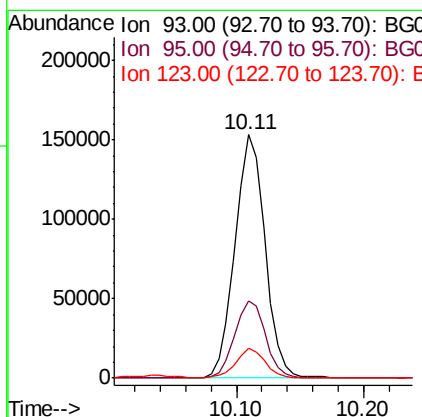
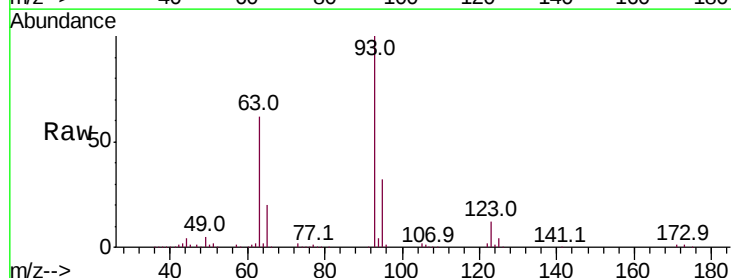
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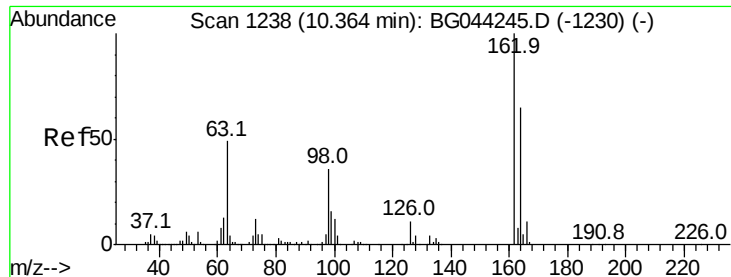
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.264 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	251864		
95	31.9	26.6	40.0	
123	12.2	10.0	15.0	





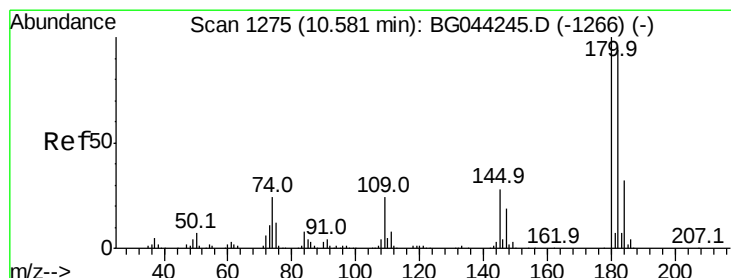
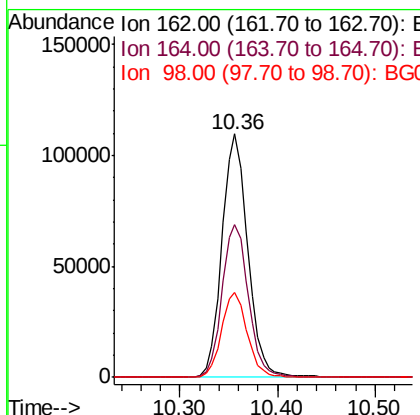
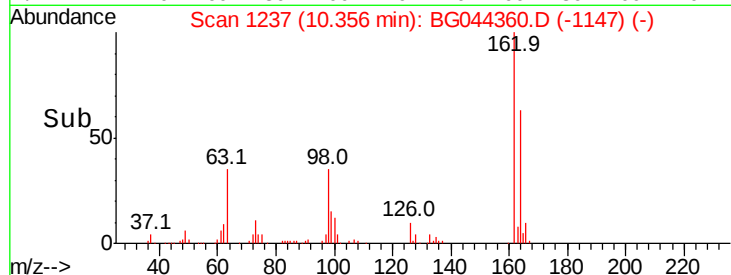
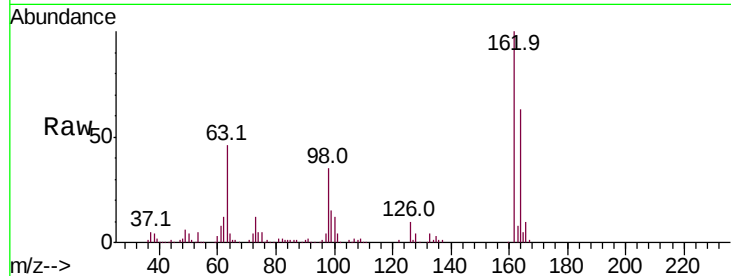
#29
2,4-Dichlorophenol
Concen: 48.472 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampled :
PB126691BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.5	44.7	84.7
98	34.8	15.8	55.8

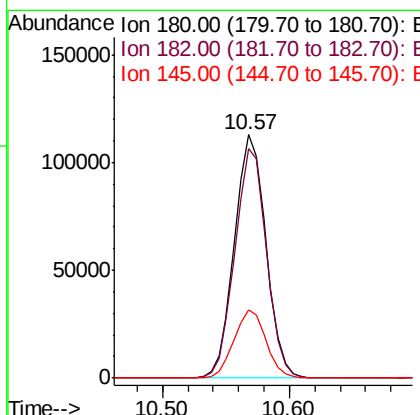
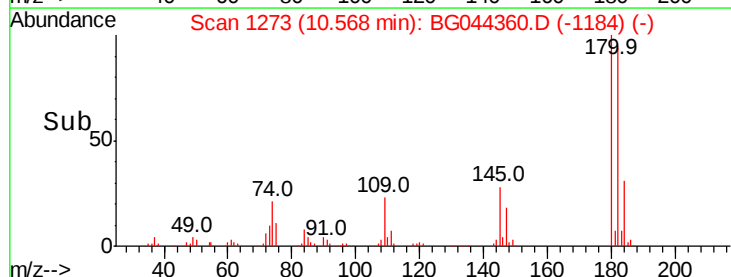
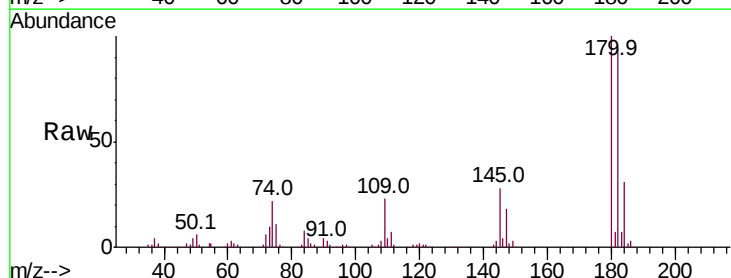
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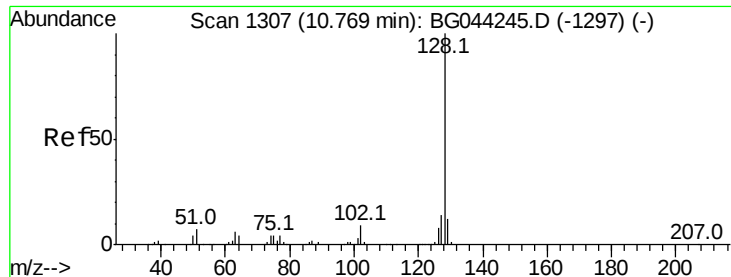
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#30
1,2,4-Trichlorobenzene
Concen: 40.894 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.3	75.5	113.3
145	28.2	22.6	34.0





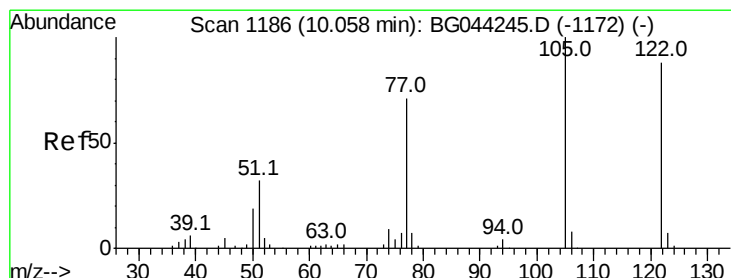
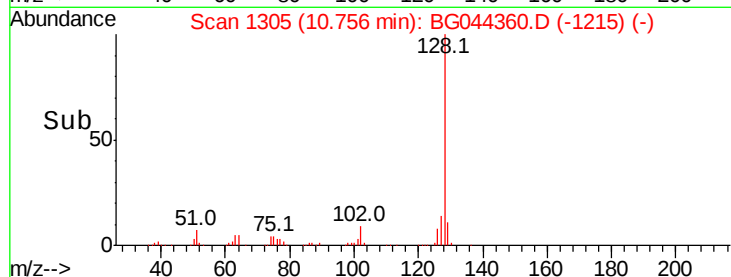
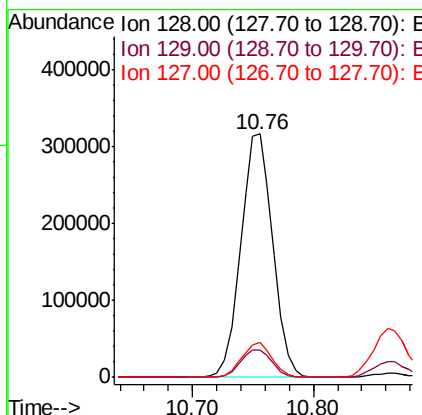
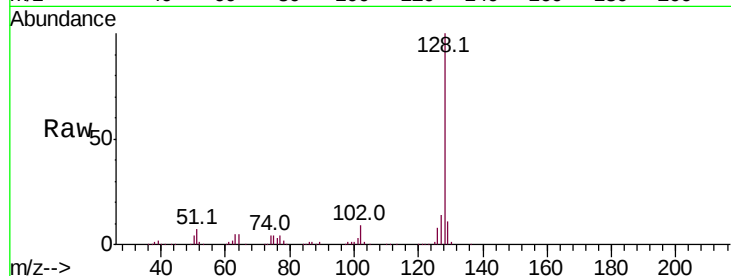
#31
Naphthalene
Concen: 44.091 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	14.1	11.6	17.4

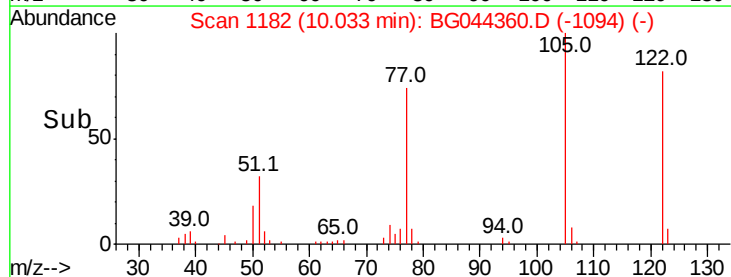
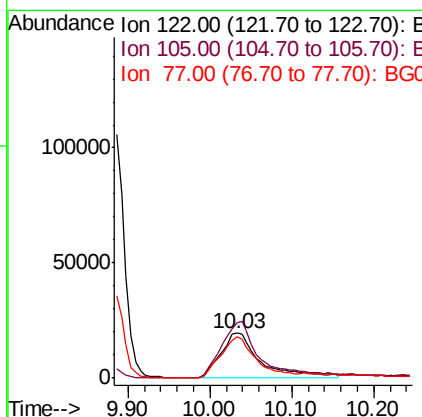
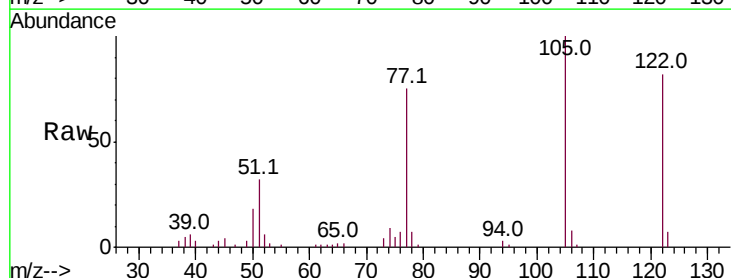
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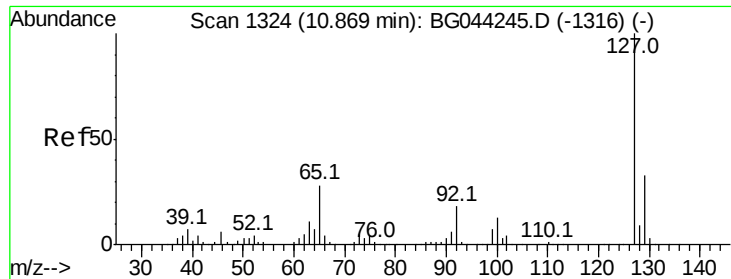
mohammad
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#32
Benzoic acid
Concen: 34.421 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	93.5	133.5
77	91.7	61.0	101.0





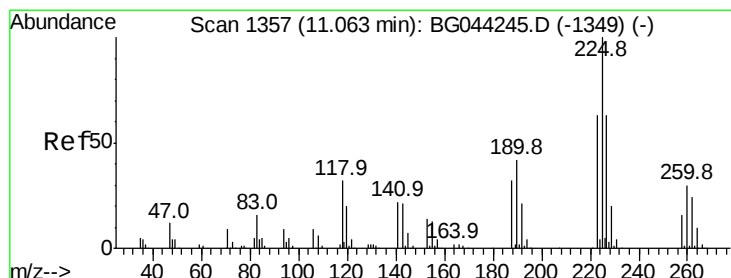
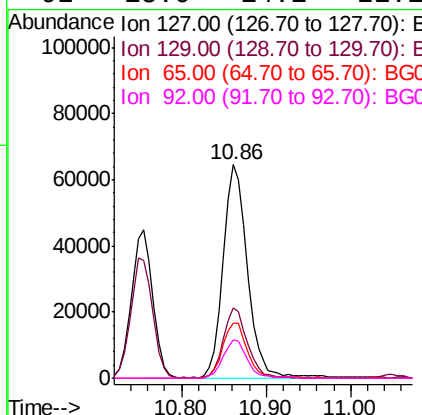
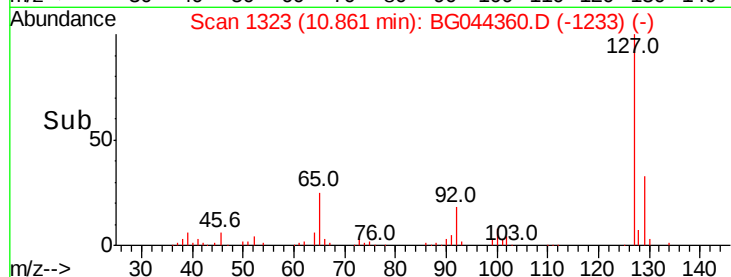
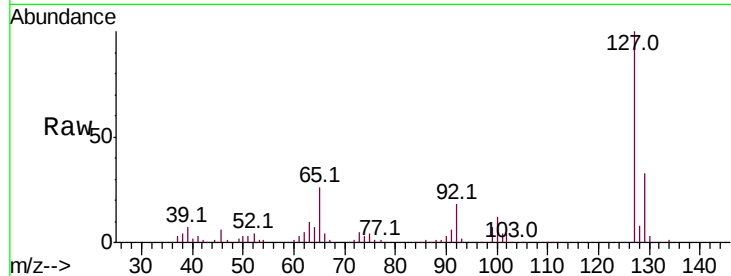
#33
4-Chloroaniline
Concen: 21.612 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampled :
PB126691BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	40.0		
65	25.8	22.5	33.7		
92	18.0	14.1	21.1		

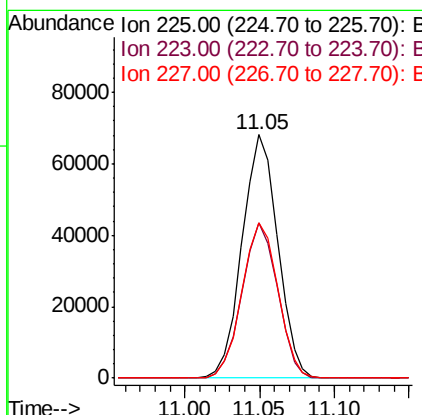
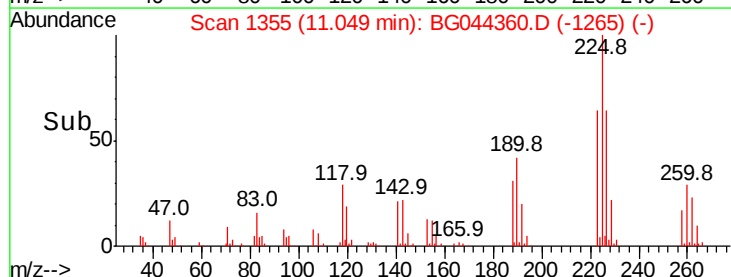
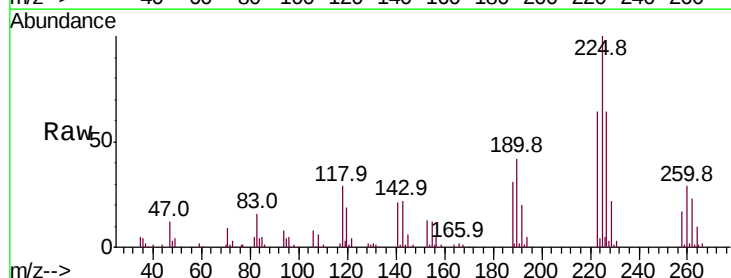
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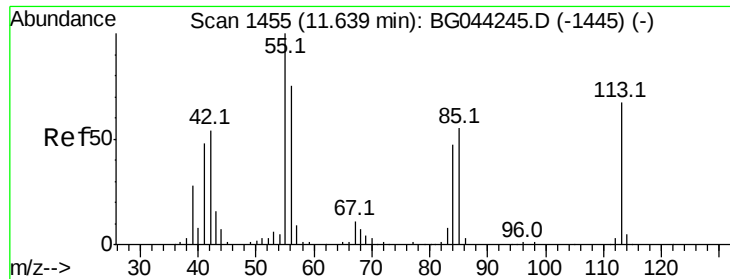
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#34
Hexachlorobutadiene
Concen: 38.531 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.2	75.4		
227	63.6	50.8	76.2		





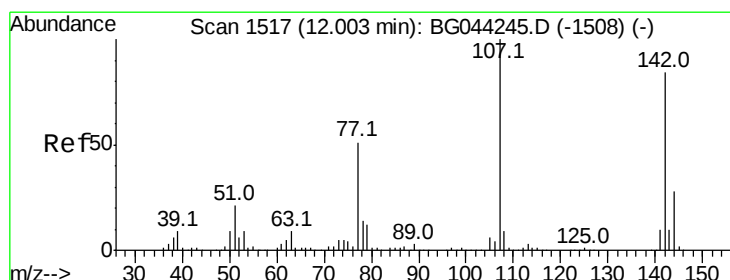
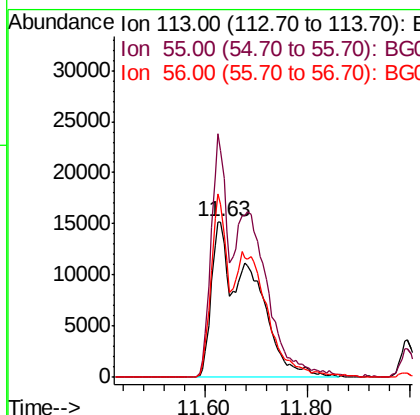
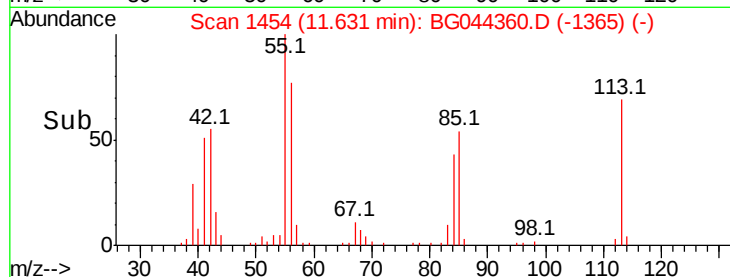
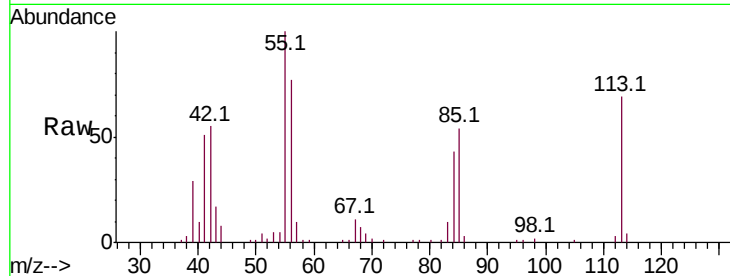
#35
 Caprolactam
 Concen: 54.176 ng/ml
 RT: 11.63 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.8	129.9	169.9
56	111.6	92.5	132.5

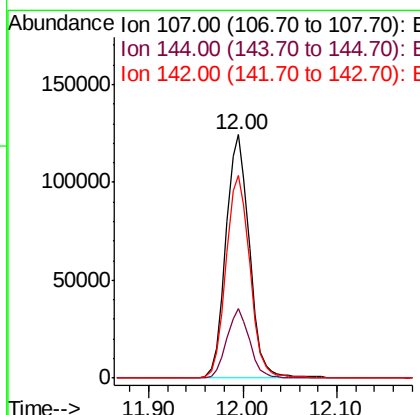
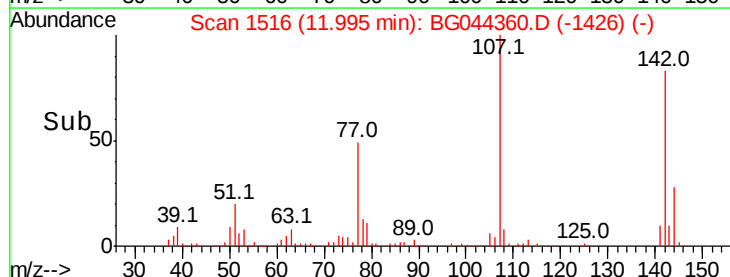
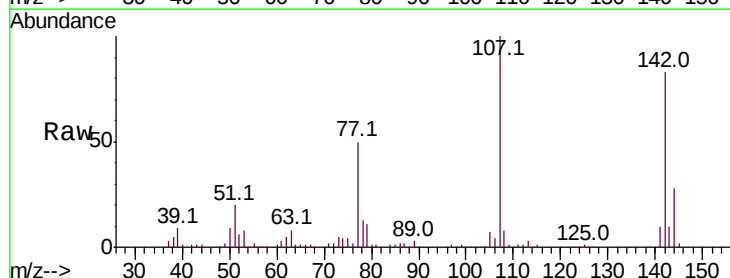
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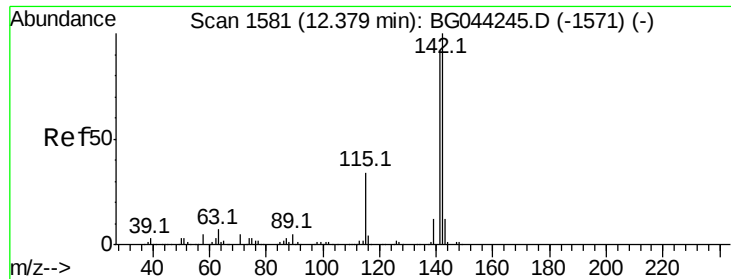
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 49.920 ng
 RT: 12.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.2	33.4
142	83.4	67.4	101.0





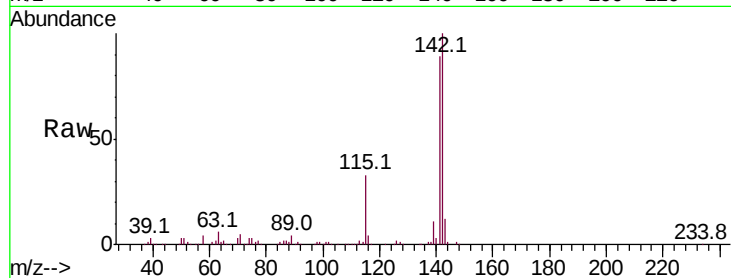
#37
2-Methylnaphthalene
Concen: 45.500 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

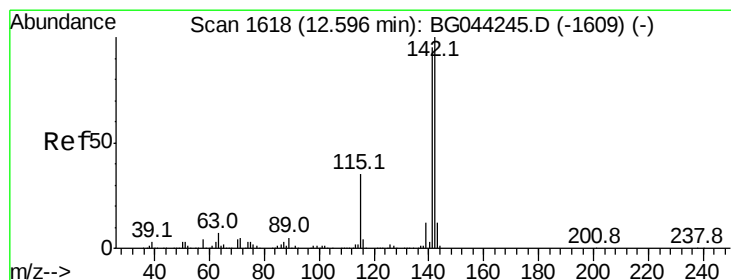
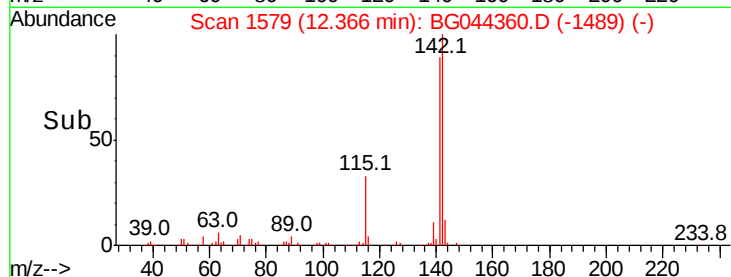
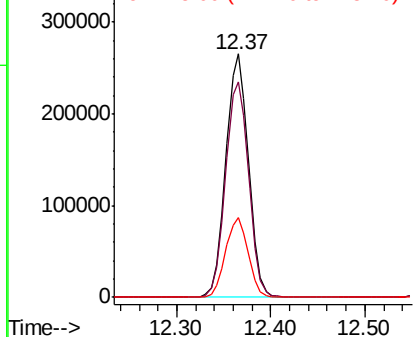
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.2	109.8
115	32.6	27.1	40.7

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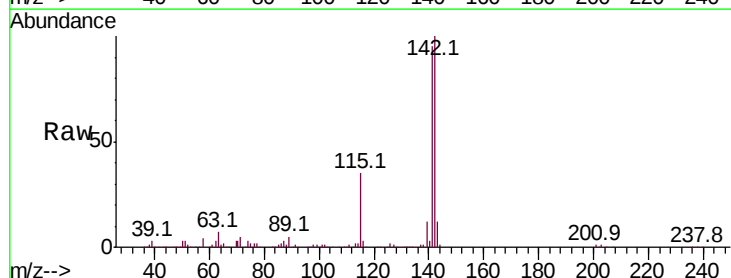


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

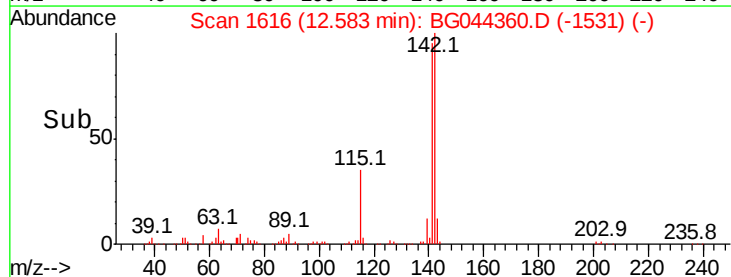
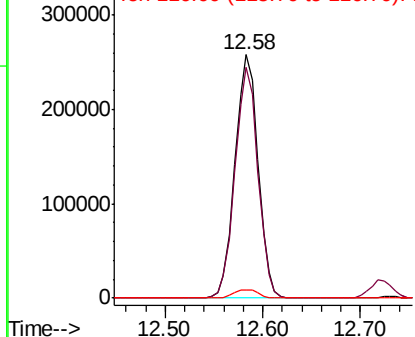


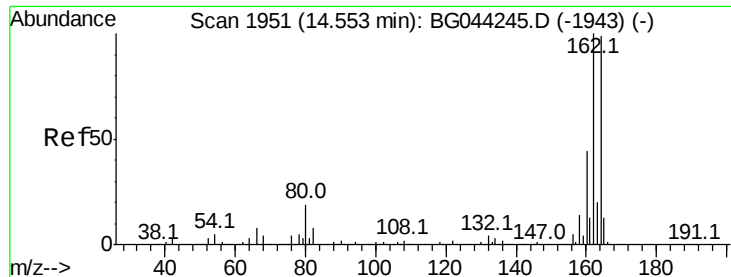
#38
1-Methylnaphthalene
Concen: 46.061 ng
RT: 12.58 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.8	113.6
116	3.4	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





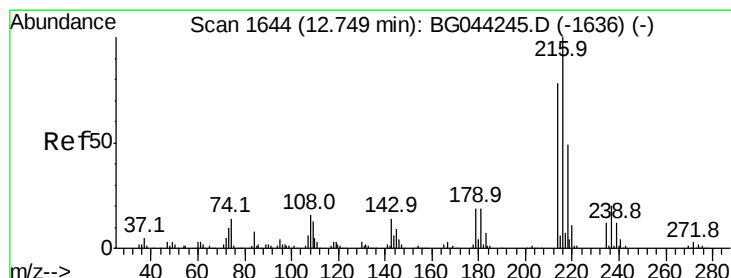
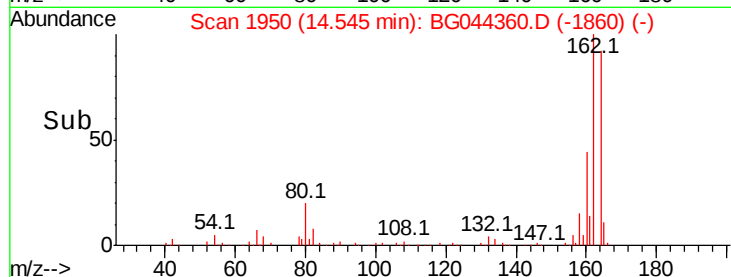
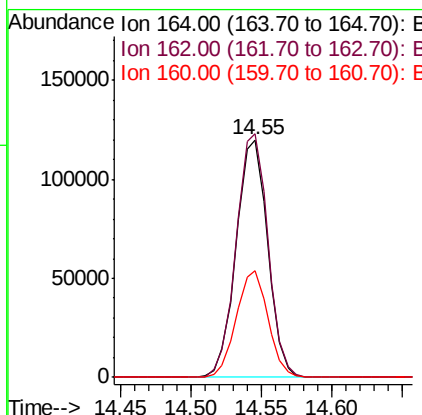
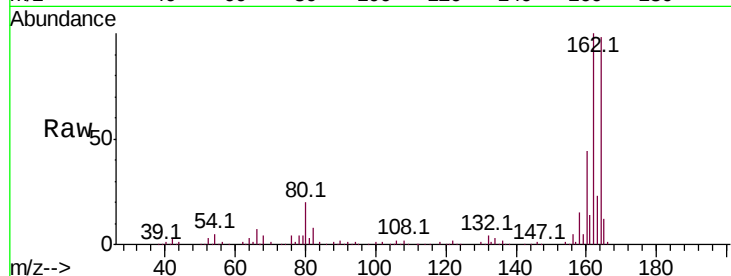
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	44.8	35.3	52.9

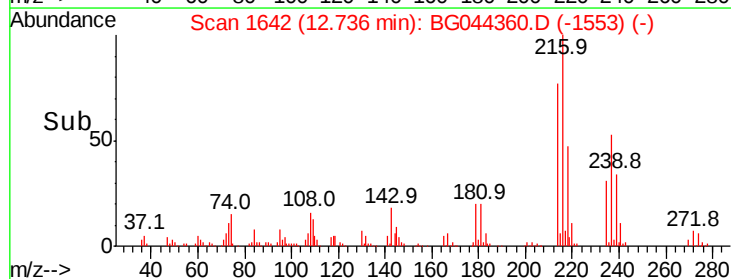
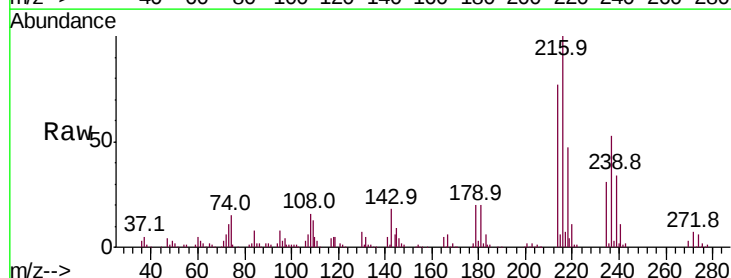
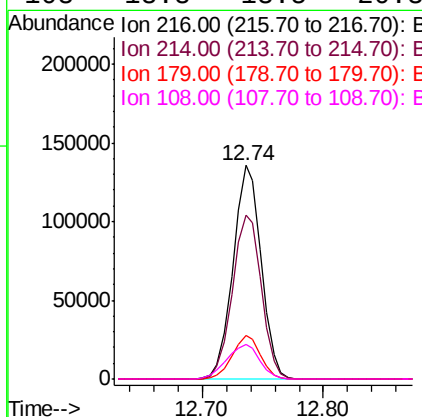
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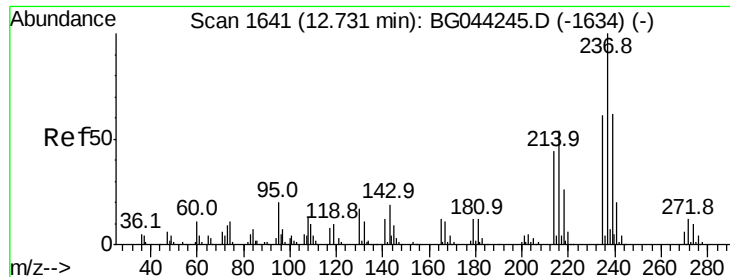
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.138 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	20.5	16.2	24.4
108	18.8	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 99.473 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

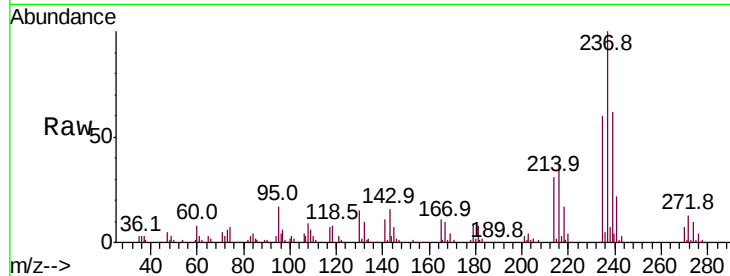
ClientSampleId :

PB126691BS

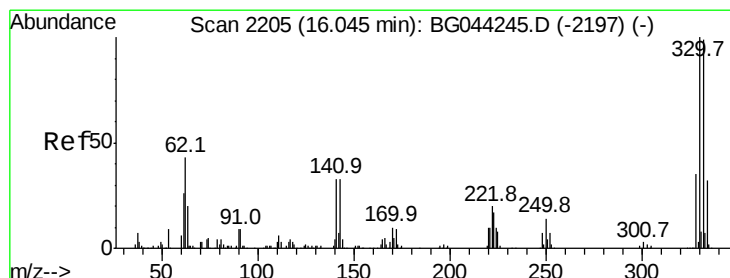
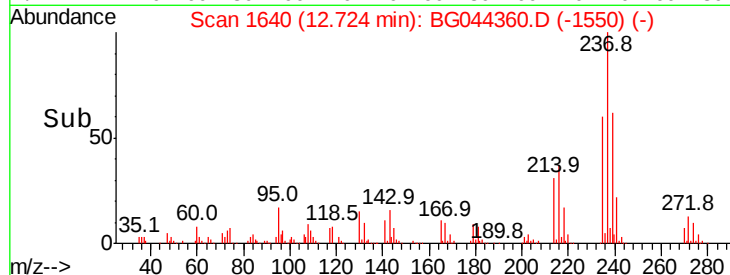
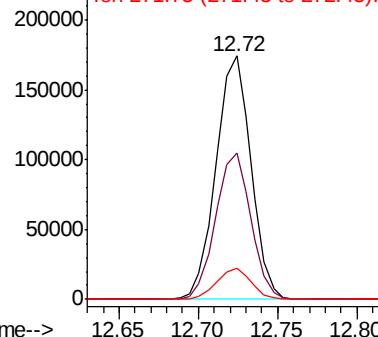
Tot Ion	Ratio	Resp	Lower	Upper
237	100	266976		
235	60.3	41.2	81.2	
272	12.5	0.0	32.4	

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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: 139.973 ng

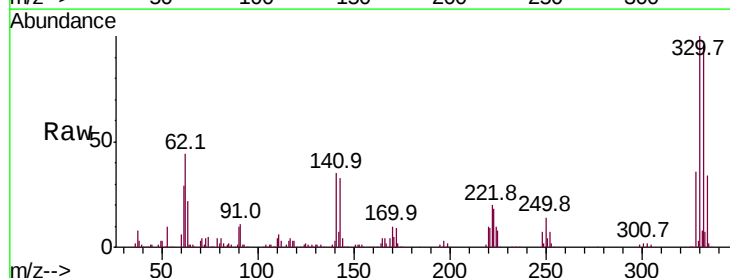
RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

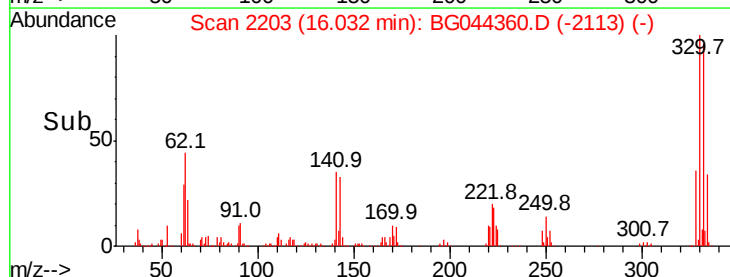
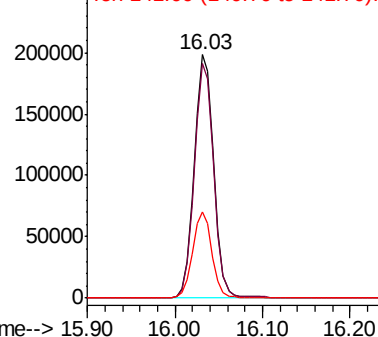
Lab File: BG044360.D

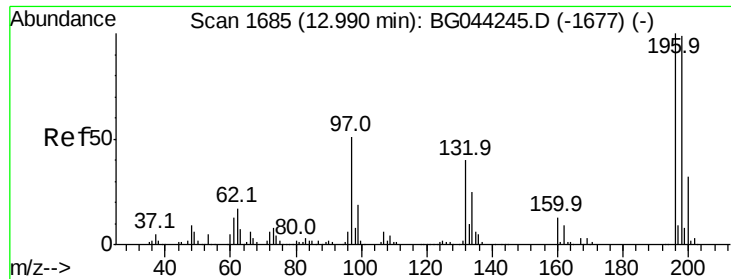
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	307261		
332	96.1	77.2	115.8	
141	34.7	28.3	42.5	



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





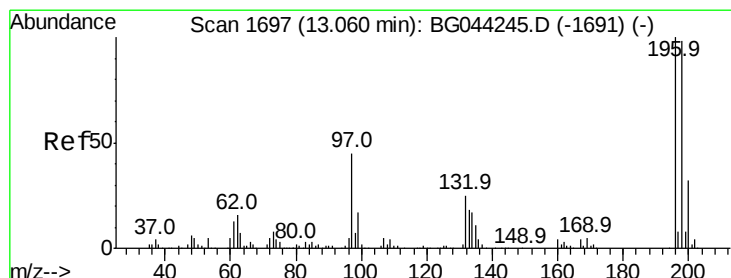
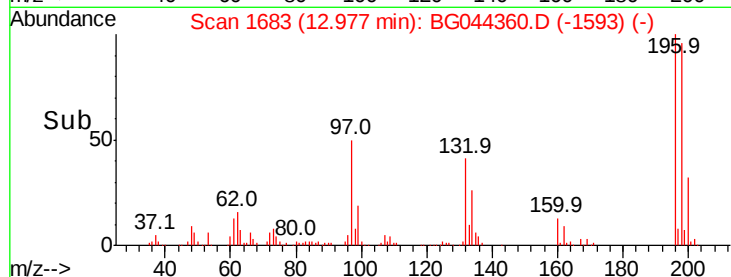
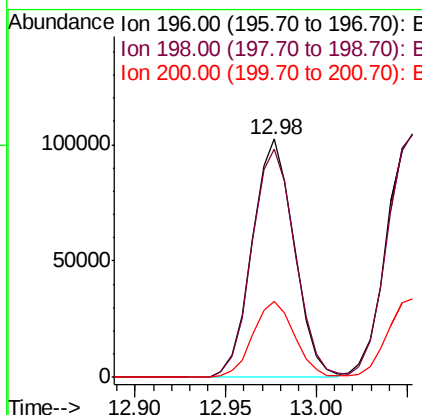
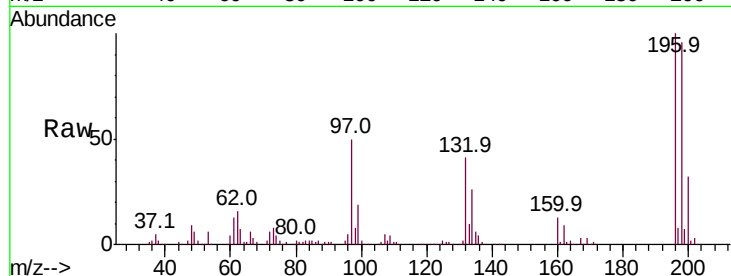
#43
 2,4,6-Trichlorophenol
 Concen: 45.445 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampled :
 PB126691BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164305		
198	96.0	79.3	118.9	
200	31.9	25.7	38.5	

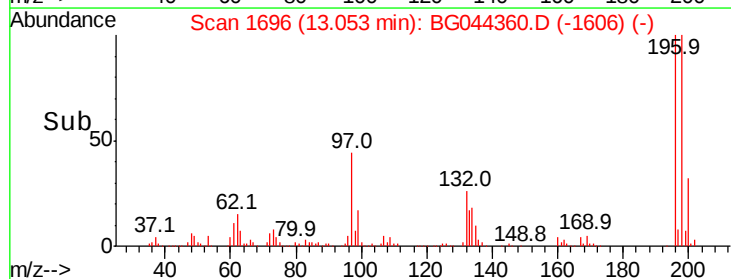
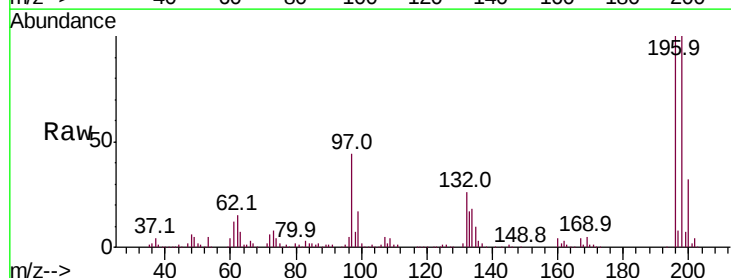
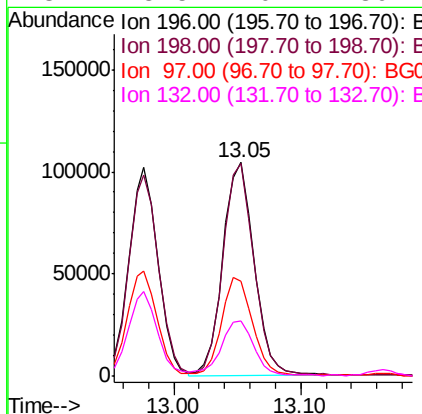
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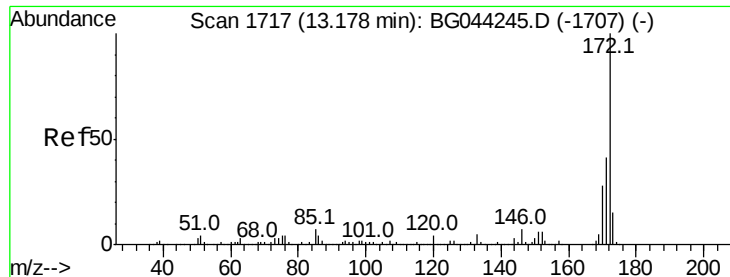
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.192 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177967		
198	99.7	78.2	117.2	
97	44.4	36.2	54.4	
132	25.5	20.2	30.4	





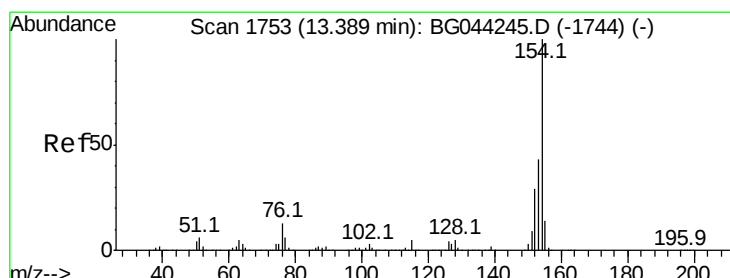
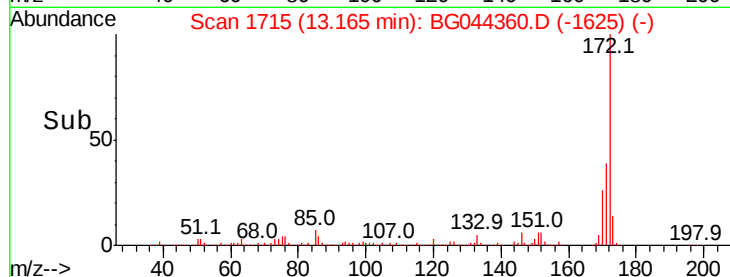
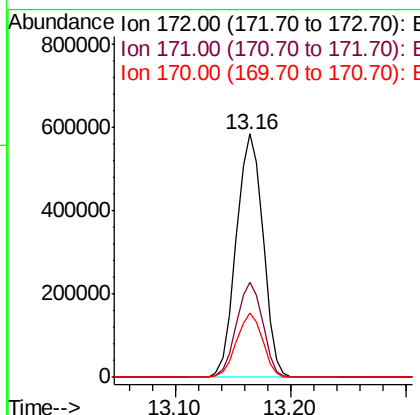
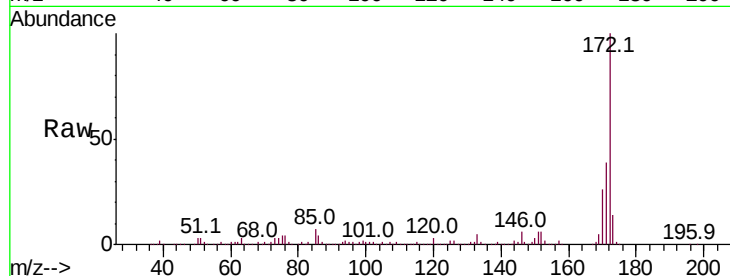
#45
2-Fluorobiphenyl
Concen: 84.060 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	38.9	32.9	49.3
170	26.2	22.0	33.0

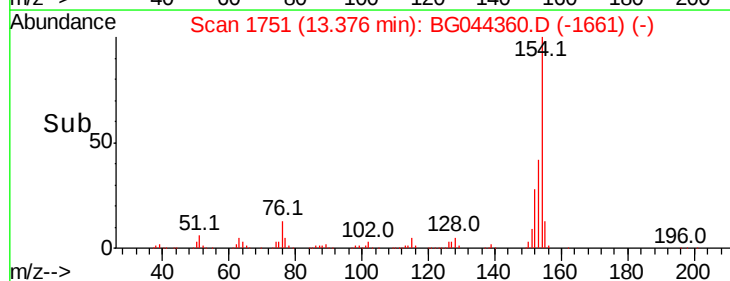
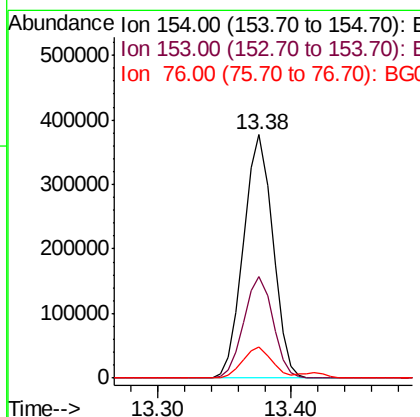
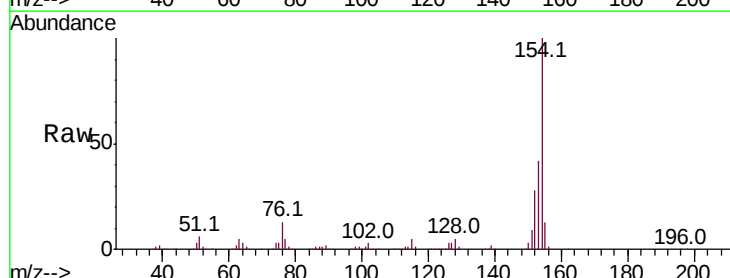
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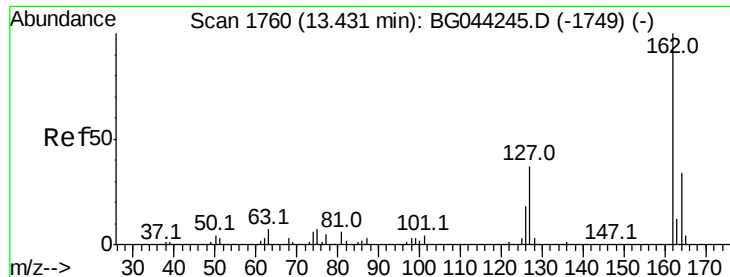
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#46
1,1'-Biphenyl
Concen: 42.554 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.7	22.7	62.7
76	12.6	0.0	32.9





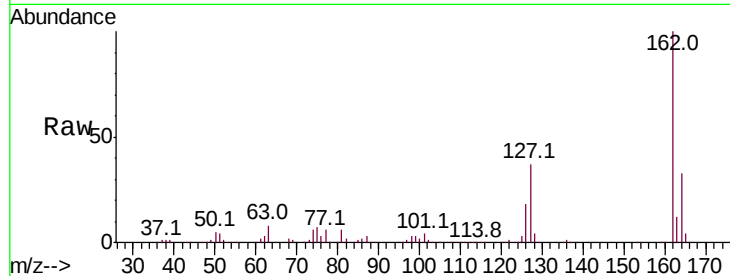
#47
 2-Chloronaphthalene
 Concen: 41.866 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

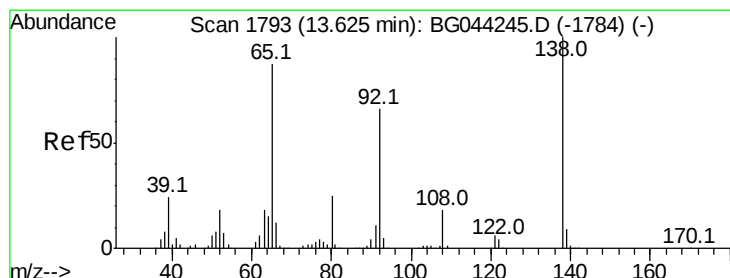
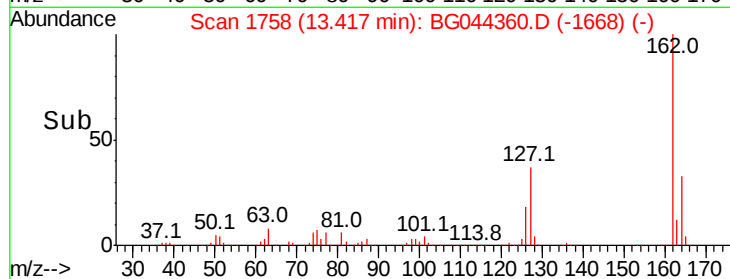
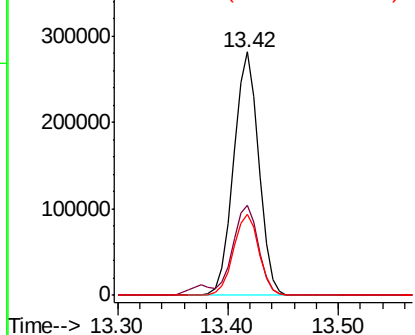
Tot Ion	Ratio	Resp	Lower	Upper
162	100	449345		
127	36.9		30.0	45.0
164	33.4		27.2	40.8

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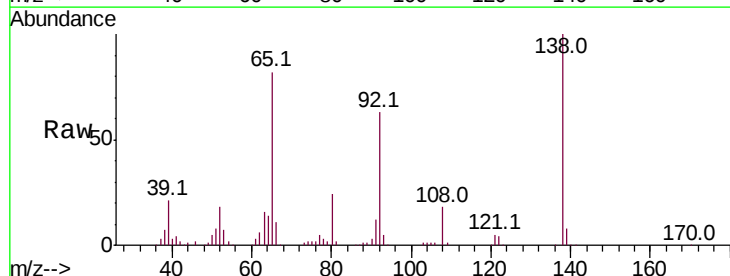


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

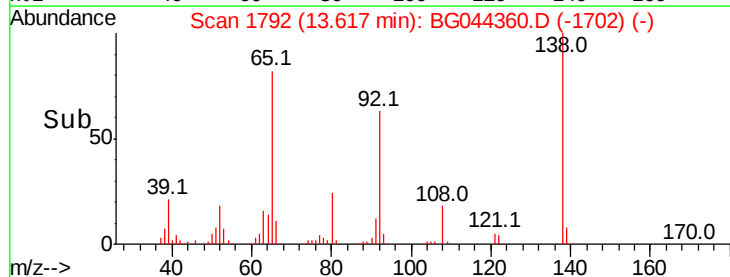
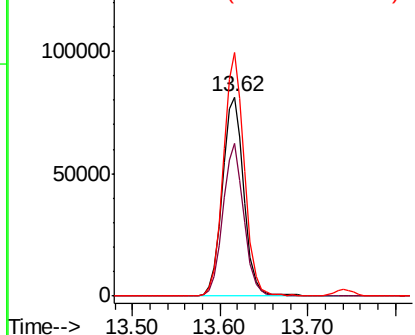


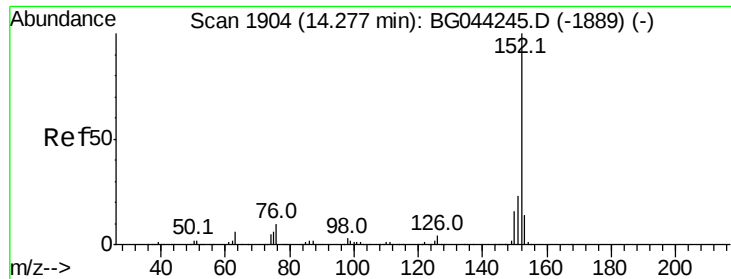
#48
 2-Nitroaniline
 Concen: 43.529 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	137878		
92	76.5		60.3	90.5
138	122.2		91.9	137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.406 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

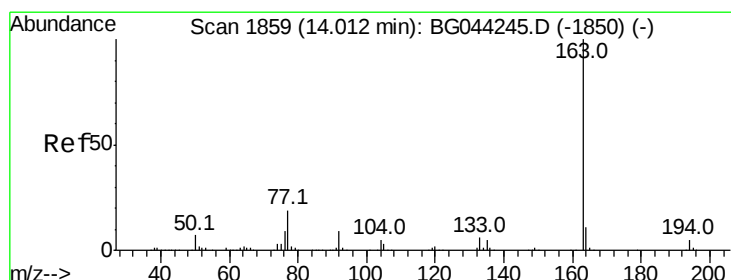
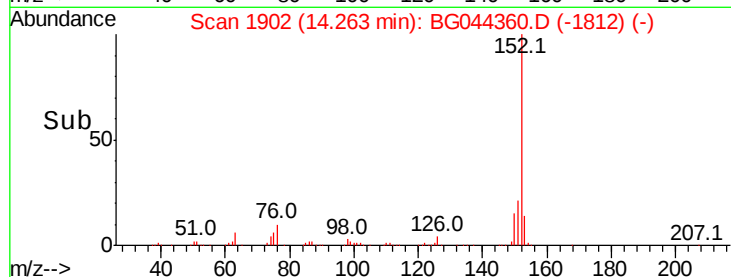
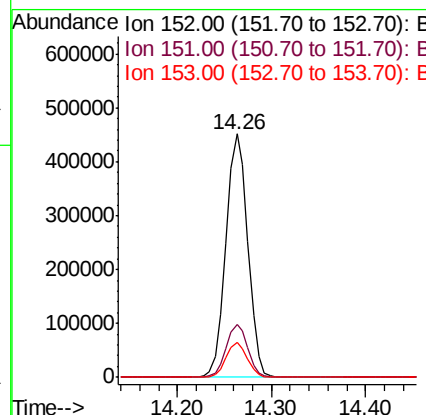
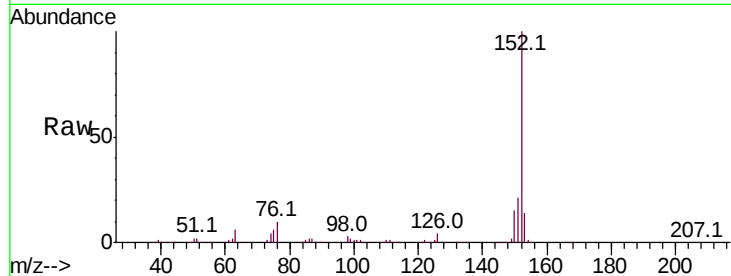
ClientSampleId :

PB126691BS

Tot Ion:	152	Resp:	730532
Ion Ratio	Lower	Upper	
152	100		
151	21.5	18.1	27.1
153	14.2	11.5	17.3

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#50

Dimethylphthalate

Concen: 46.106 ng

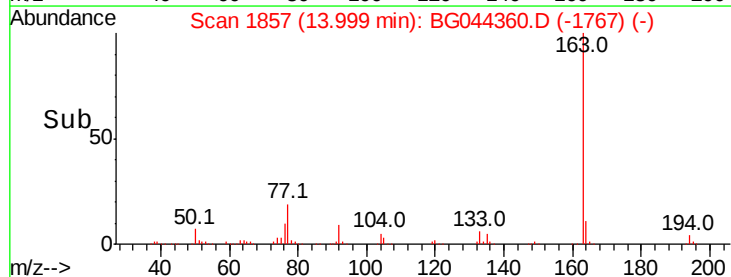
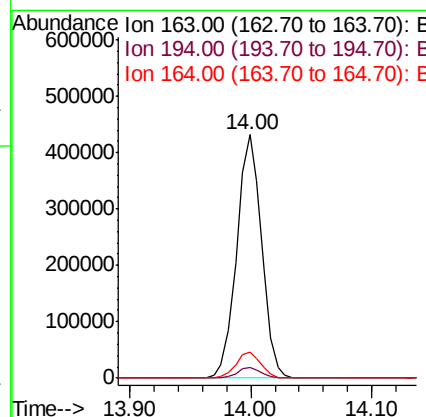
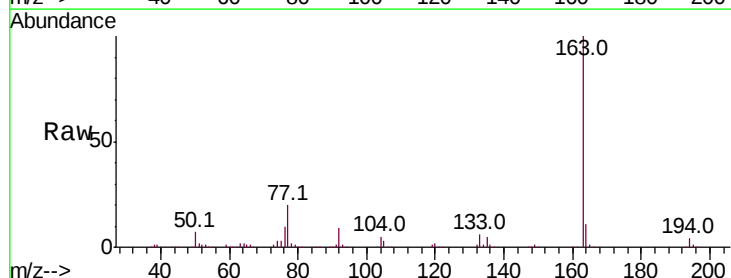
RT: 14.00 min Scan# 1857

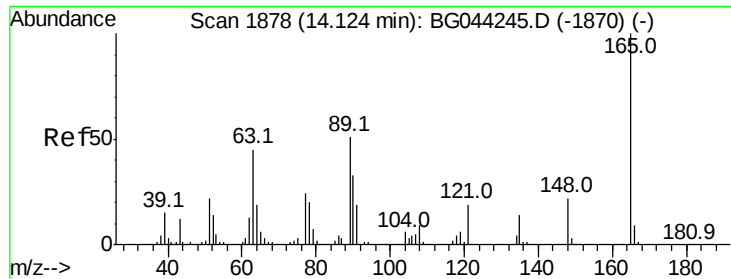
Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion:	163	Resp:	619728
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.9	8.7	13.1





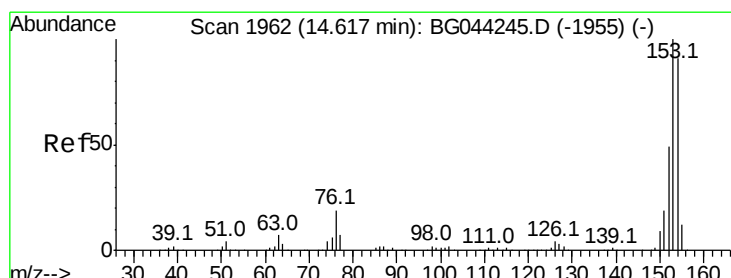
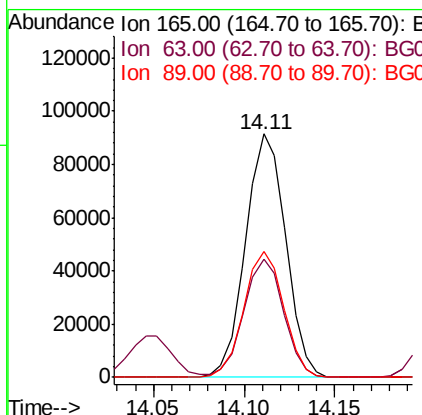
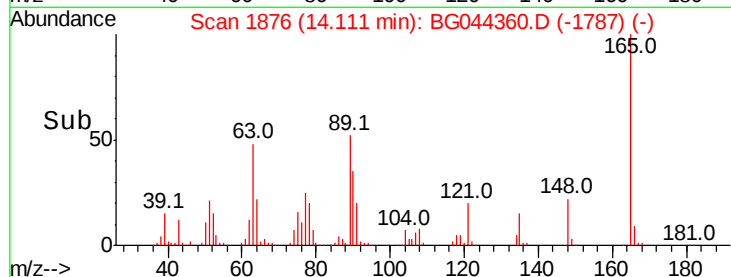
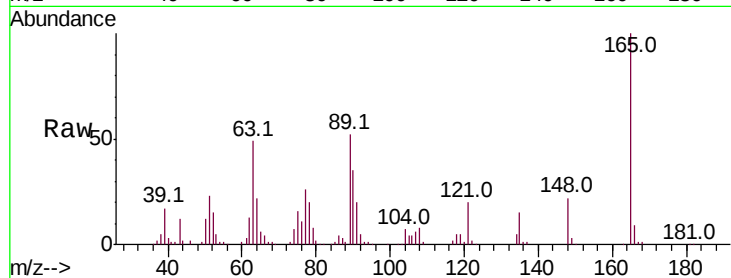
#51
 2,6-Dinitrotoluene
 Concen: 47.009 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.7	38.7	58.1
89	51.7	40.4	60.6

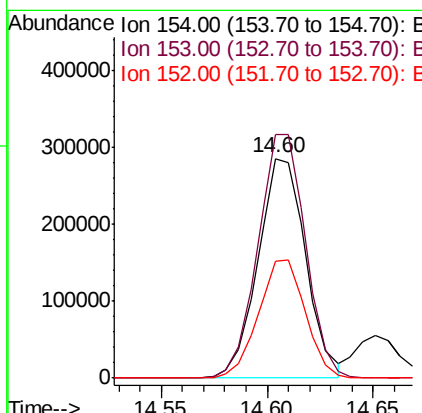
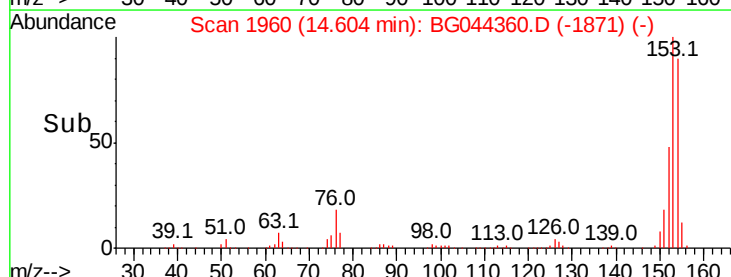
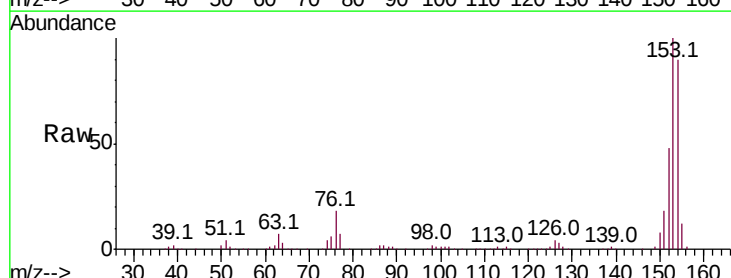
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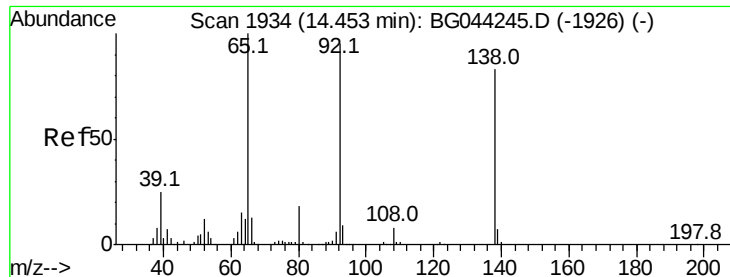
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#52
 Acenaphthene
 Concen: 44.013 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	87.9	131.9
152	53.1	43.1	64.7





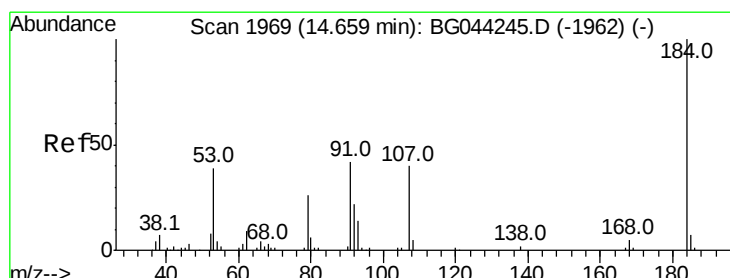
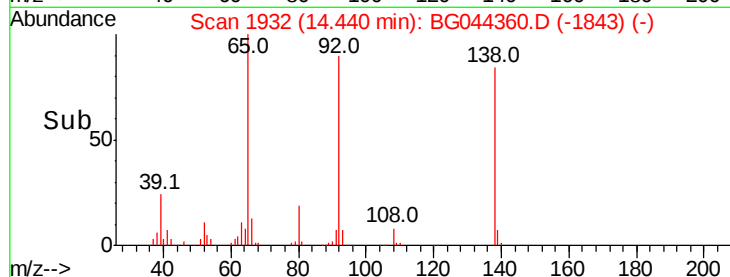
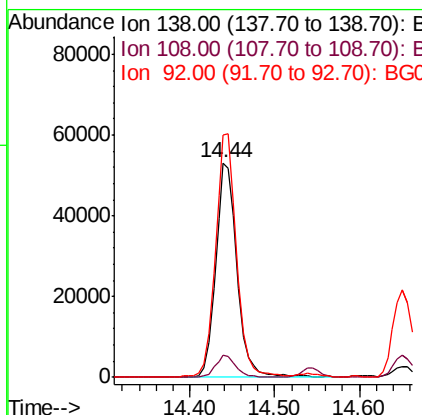
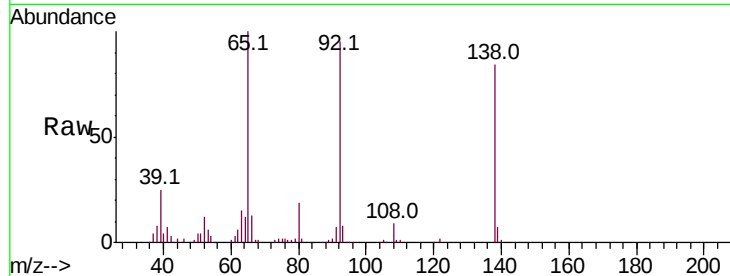
#53
3-Nitroaniline
Concen: 28.235 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion:138 Resp: 93617
Ion Ratio Lower Upper
138 100
108 10.4 7.9 11.9
92 112.9 91.0 136.4

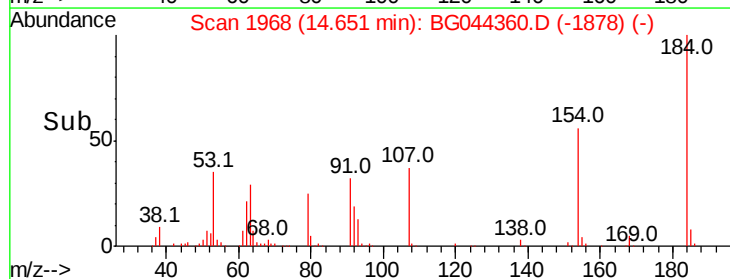
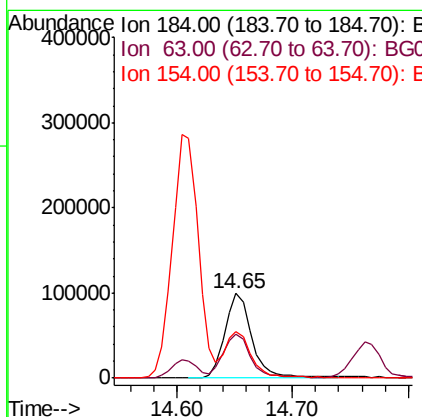
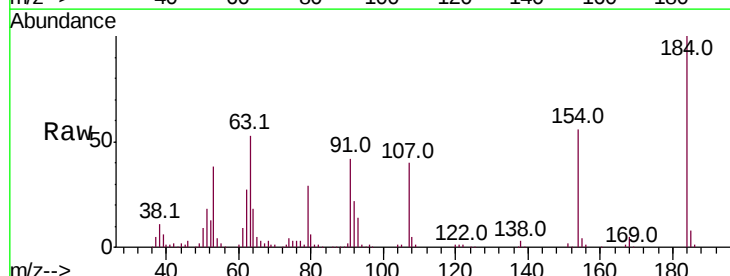
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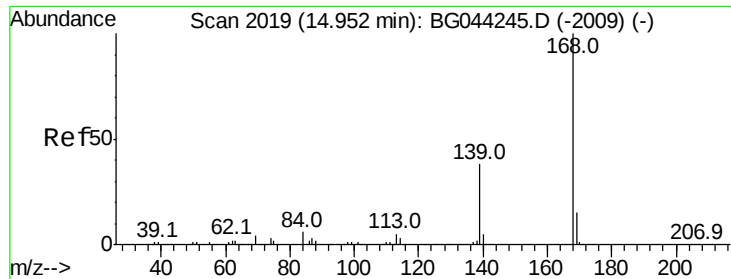
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#54
2,4-Dinitrophenol
Concen: 90.291 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion:184 Resp: 162267
Ion Ratio Lower Upper
184 100
63 52.6 44.1 66.1
154 55.6 45.4 68.0





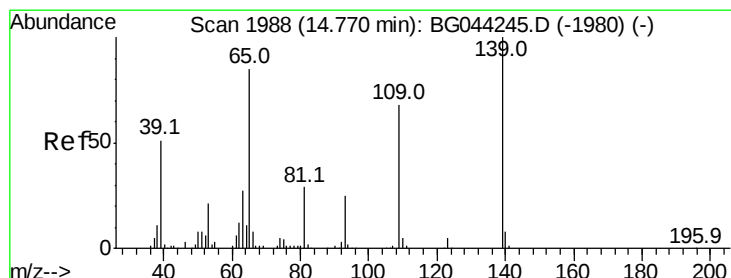
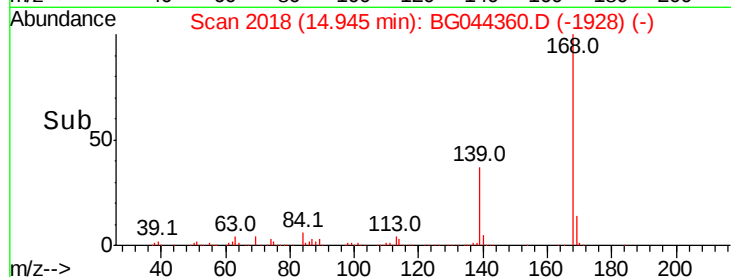
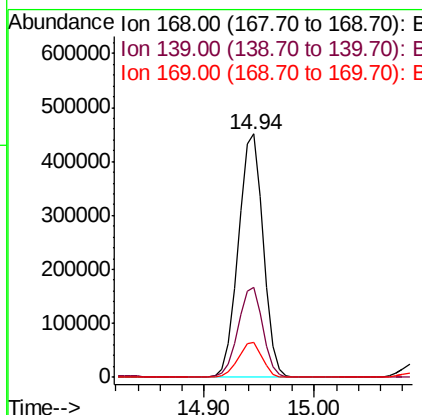
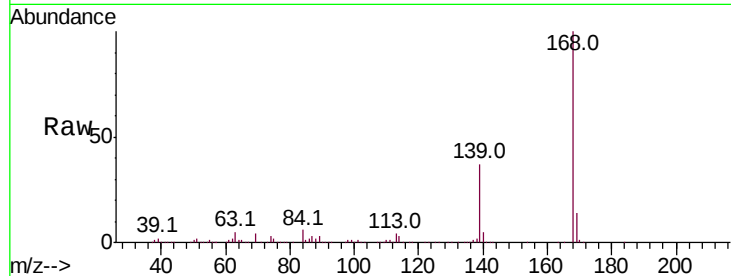
#55
Dibenzofuran
Concen: 46.174 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.5	45.7
169	14.4	11.7	17.5

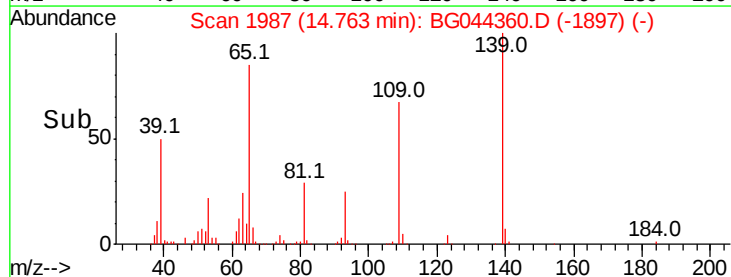
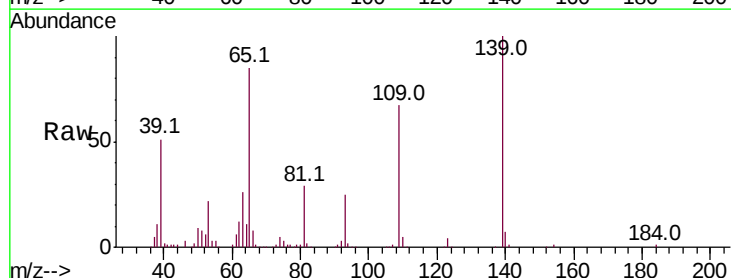
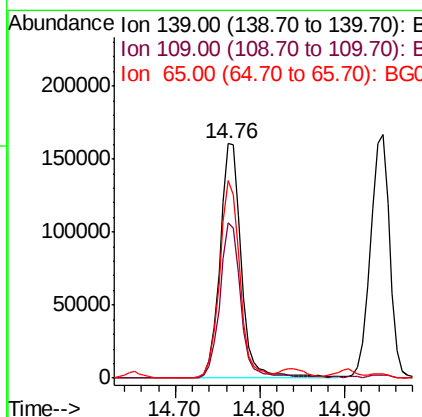
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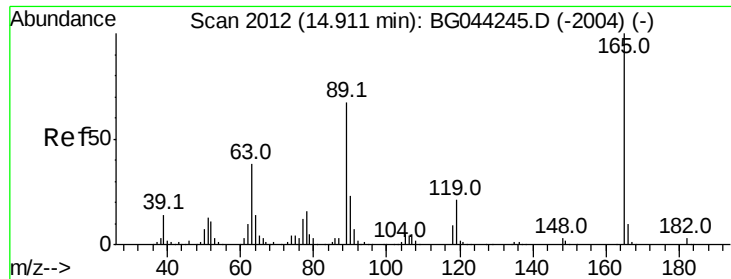
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#56
4-Nitrophenol
Concen: 116.589 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	47.5	87.5
65	84.6	64.9	104.9





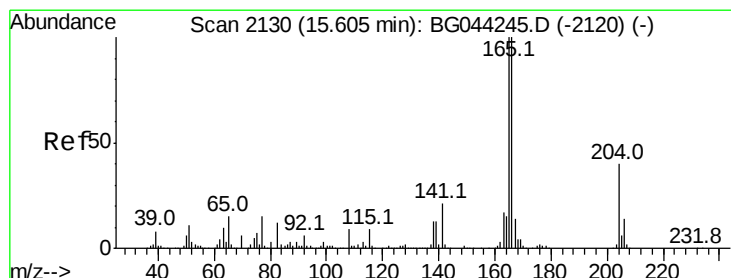
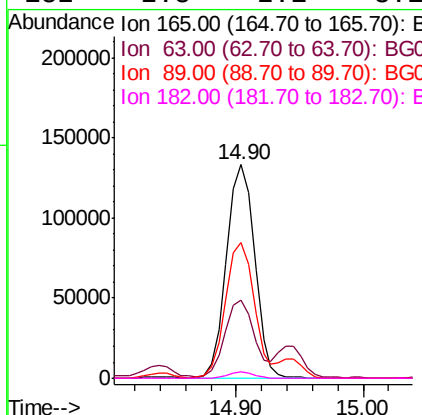
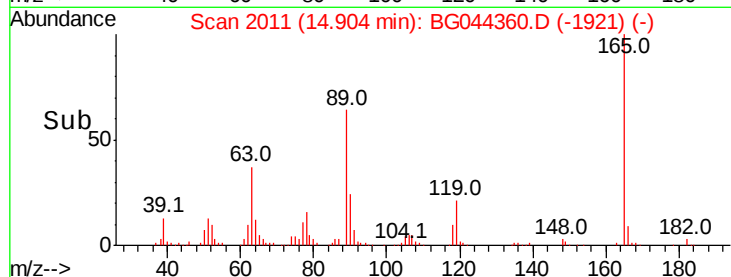
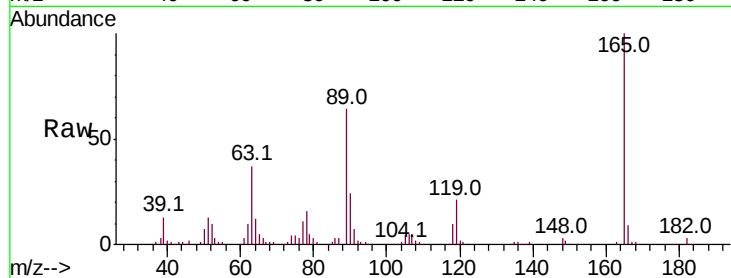
#57
2,4-Dinitrotoluene
Concen: 49.086 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206186		
63	36.7	30.3	45.5	
89	63.8	53.4	80.2	
182	2.8	2.1	3.1	

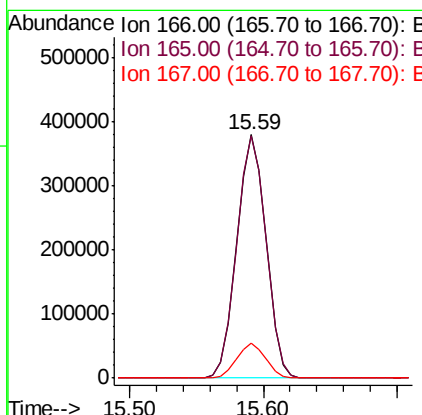
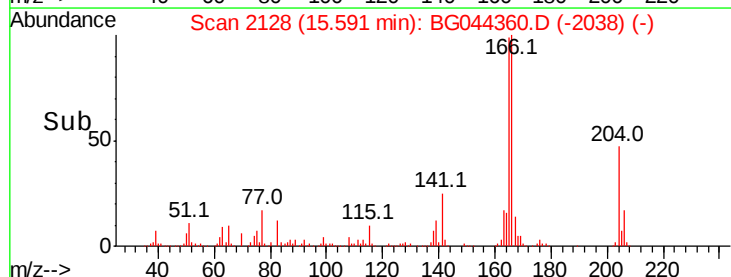
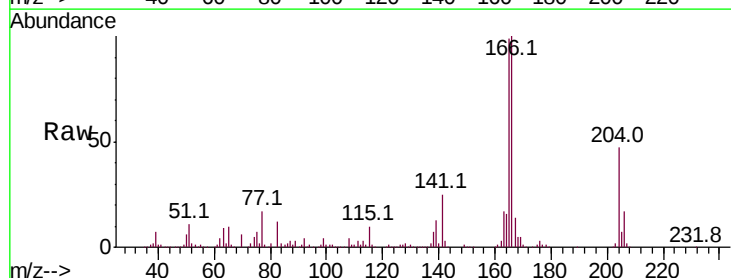
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#58
Fluorene
Concen: 47.206 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	574404		
165	99.3	79.9	119.9	
167	14.3	11.4	17.0	





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.706 ng

RT: 15.17 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126691BS

Tot Ion:232 Resp: 165798

Ion Ratio Lower Upper

232 100

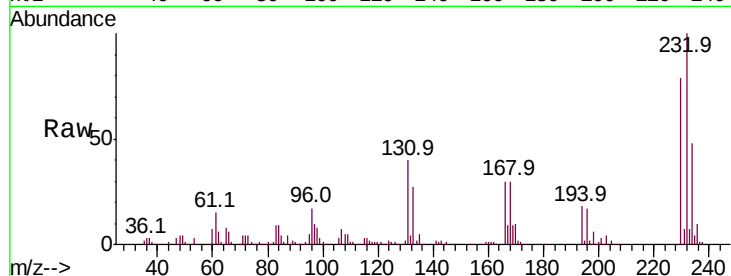
131 42.5 34.2 51.4

130 2.4 1.8 2.8

166 30.8 23.8 35.8

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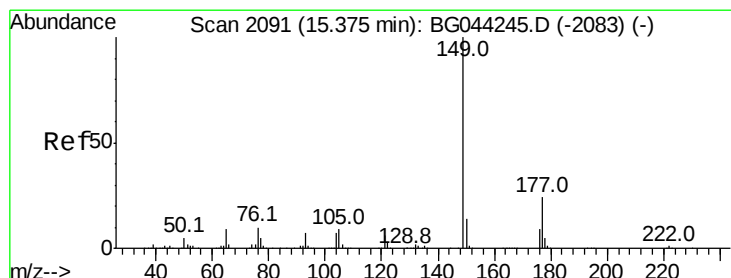
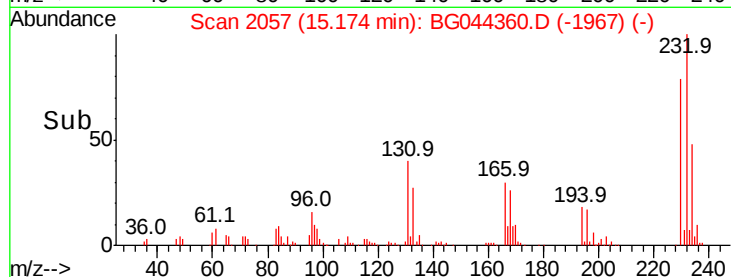
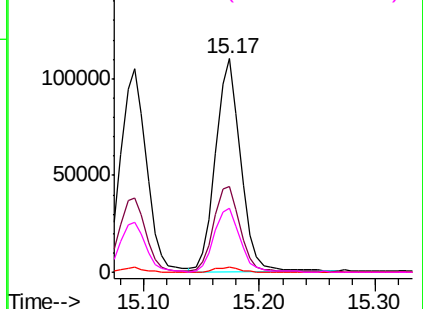


Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.801 ng

RT: 15.37 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

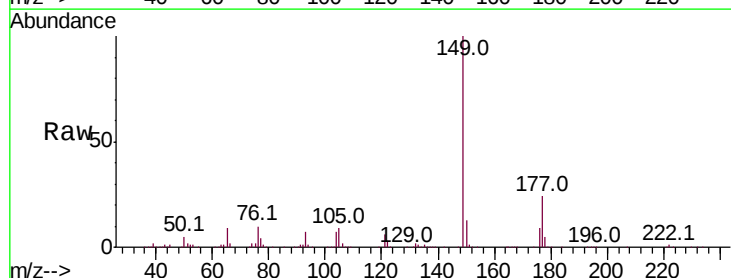
Tgt Ion:149 Resp: 640216

Ion Ratio Lower Upper

149 100

177 24.0 19.4 29.0

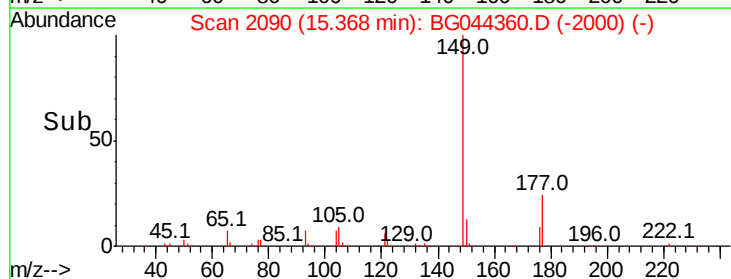
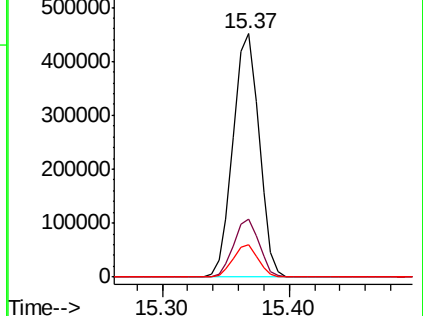
150 13.1 10.9 16.3

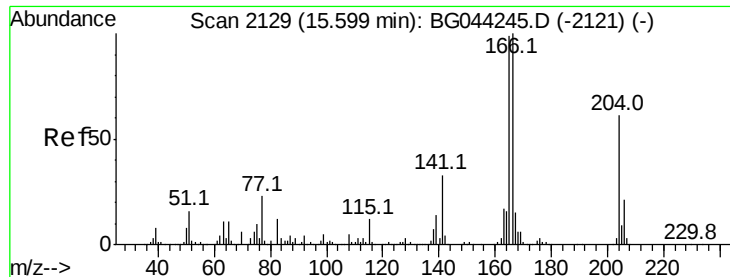


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





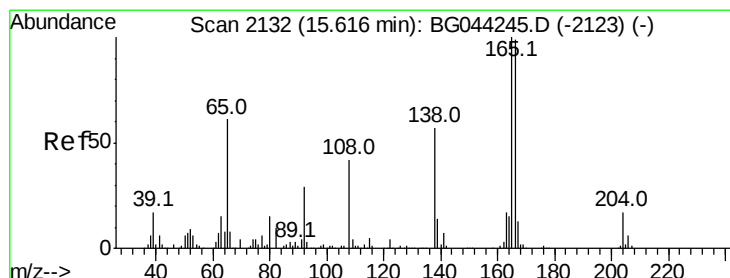
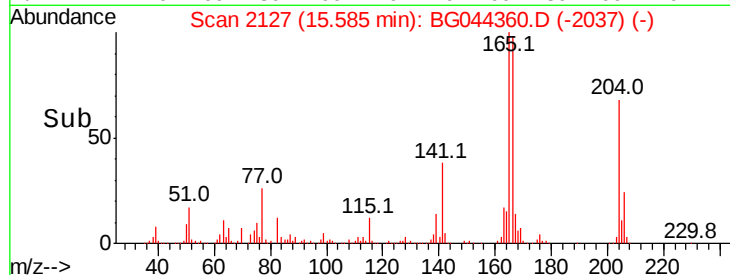
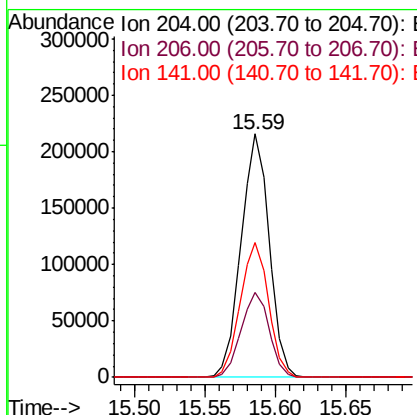
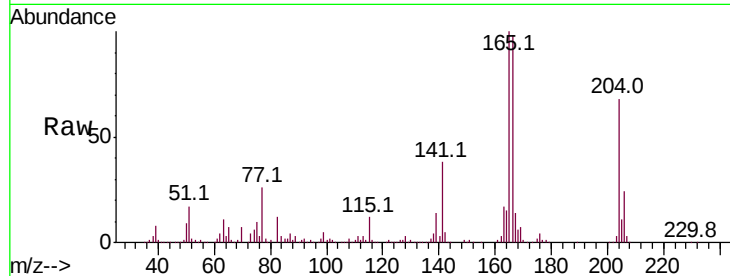
#61
4-Chlorophenyl-phenylether
Concen: 45.518 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.1	27.6	41.4	
141	55.4	43.4	65.0	

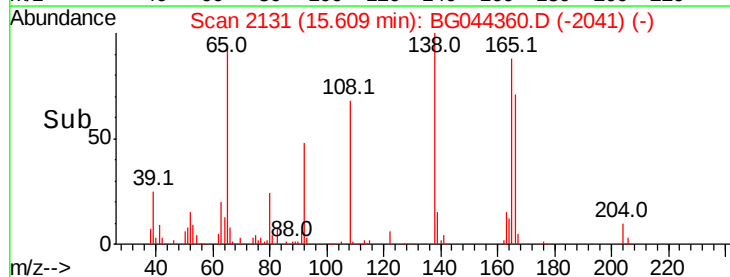
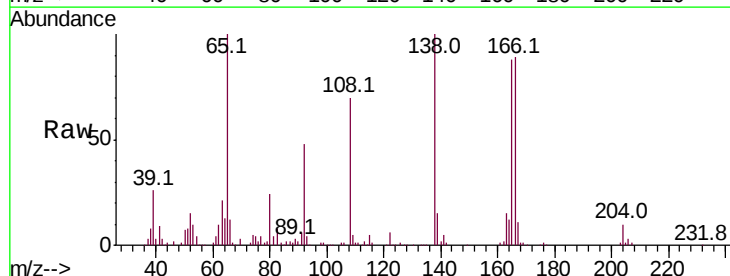
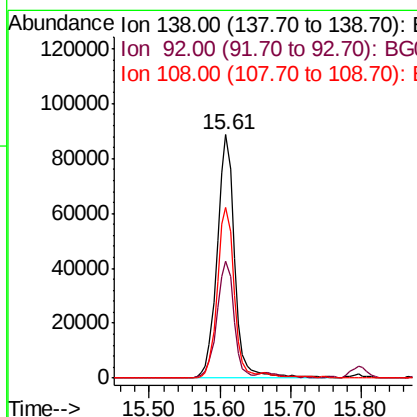
Manual Integrations
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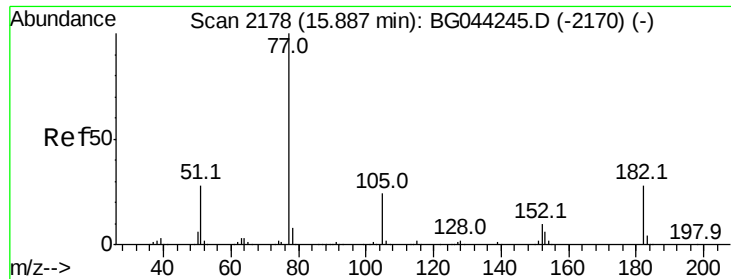
mohammad
2/12/2020 9:49:36 AM



#62
4-Nitroaniline
Concen: 46.282 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	48.0	31.3	71.3	
108	70.1	52.6	92.6	





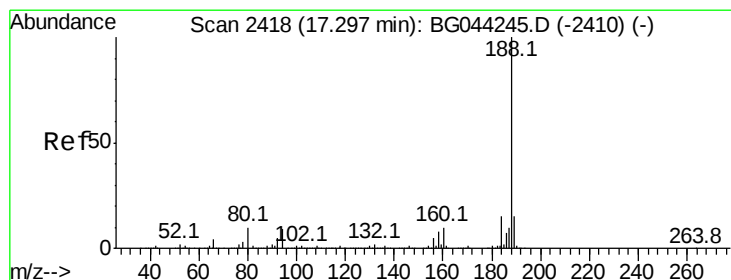
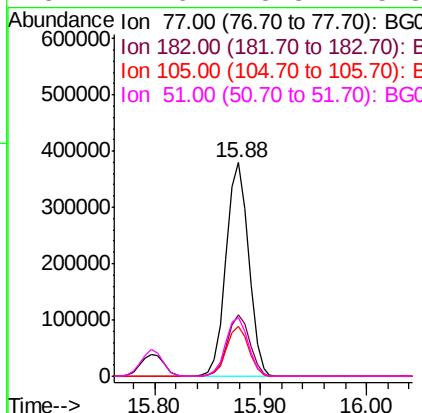
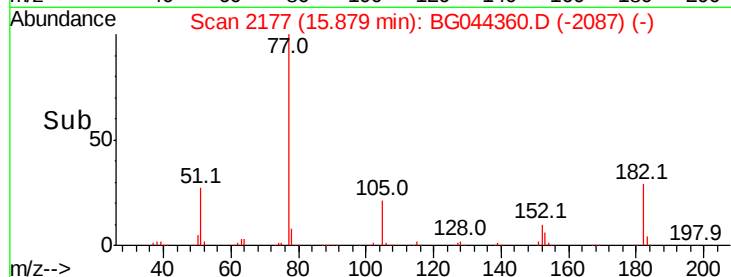
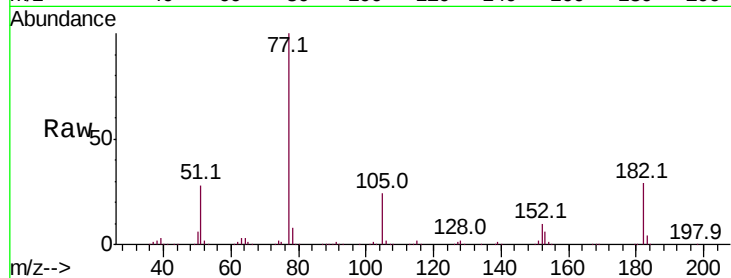
#63
Azobenzene
Concen: 47.634 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	559146		
182	29.0	8.2	48.2	
105	23.6	3.6	43.6	
51	27.6	8.3	48.3	

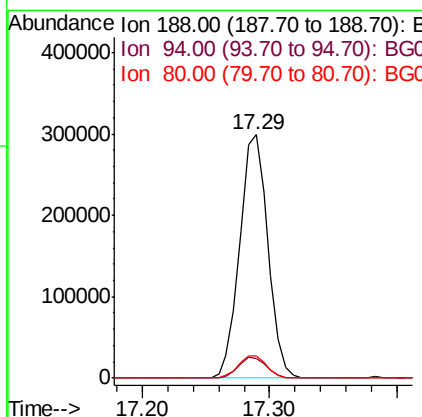
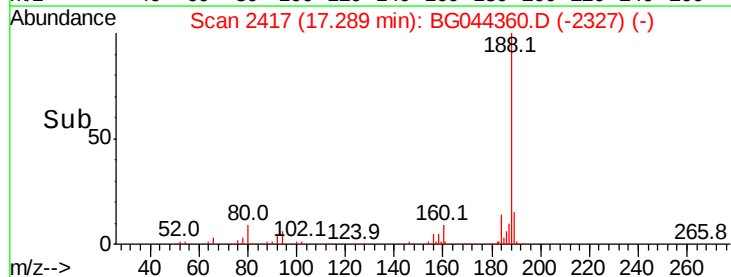
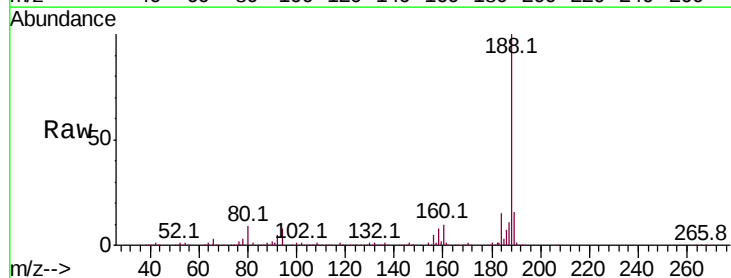
Manual Integrations
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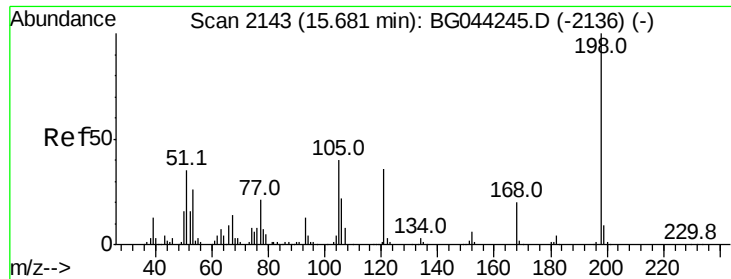
mohammad
2/12/2020 9:49:36 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	459625		
94	8.1	7.4	11.2	
80	8.9	7.7	11.5	





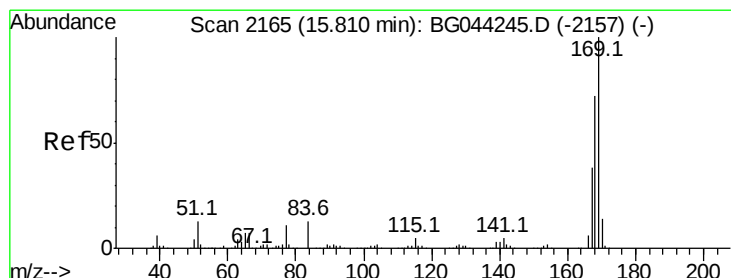
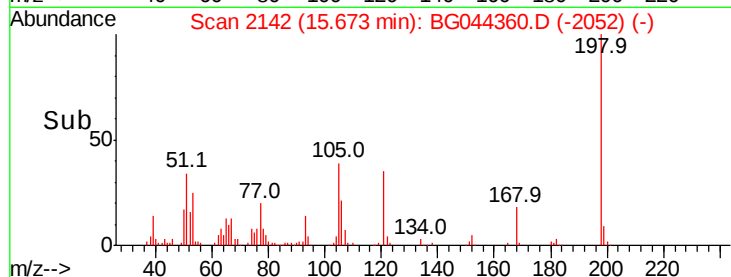
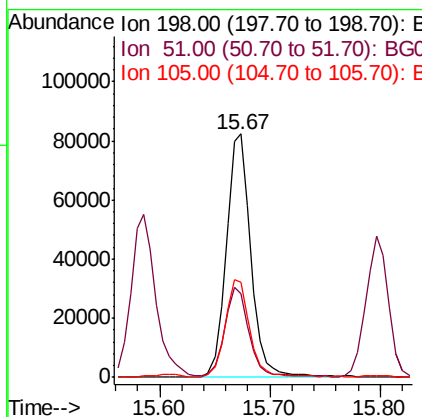
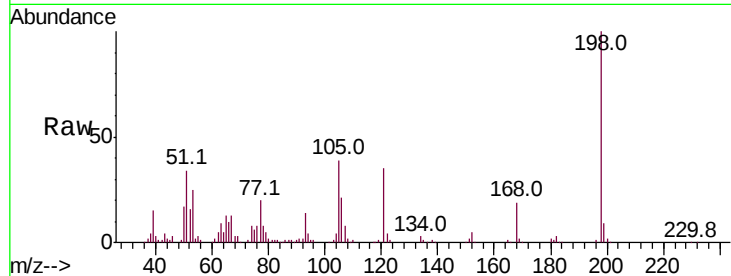
#65
4,6-Dinitro-2-methylphenol
Concen: 50.270 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.3	16.6	56.6
105	39.2	20.6	60.6

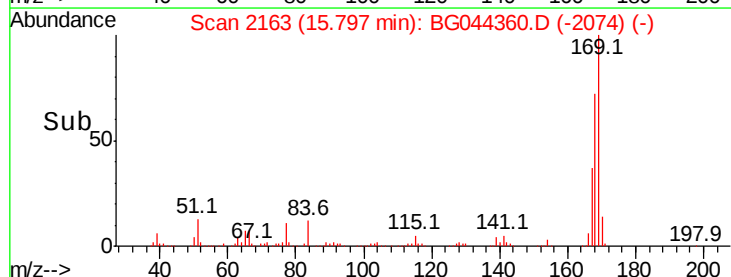
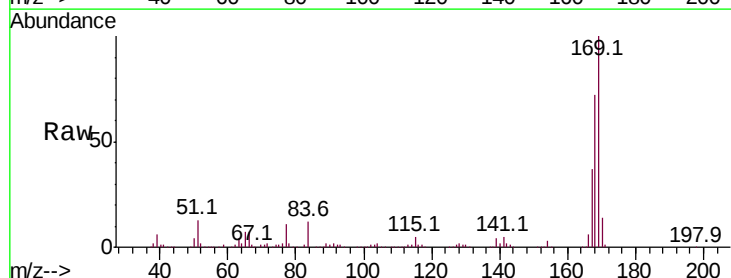
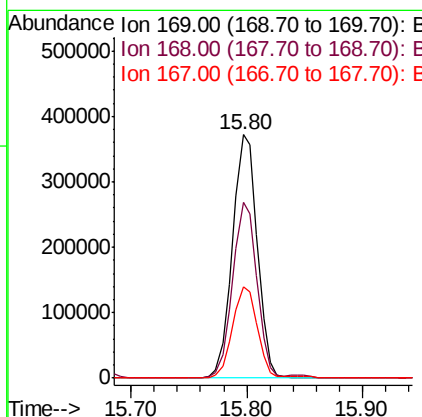
Manual Integrations
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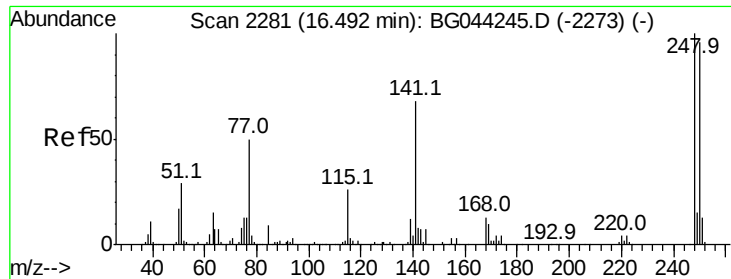
mohammad
2/12/2020 9:49:36 AM



#66
n-Nitrosodiphenylamine
Concen: 42.875 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.3	57.9	86.9
167	37.3	30.7	46.1





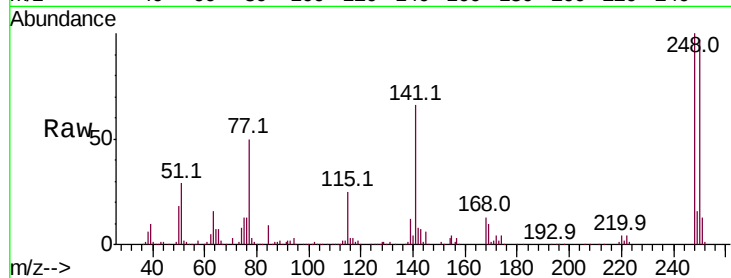
#67
 4-Bromophenyl-phenylether
 Concen: 41.339 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.6	114.8
141	66.5	54.7	82.1

Manual Integrations
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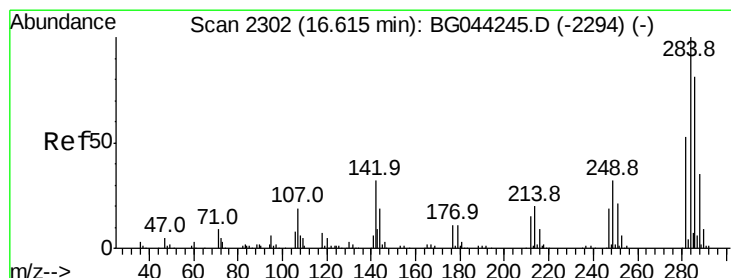
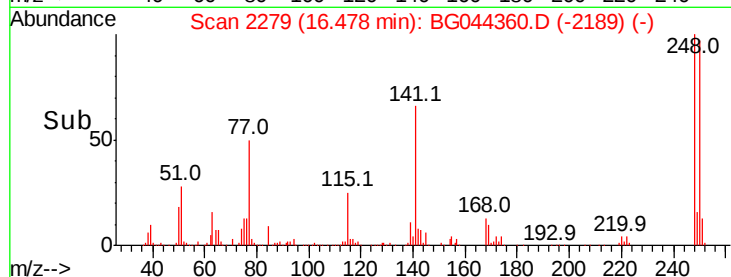
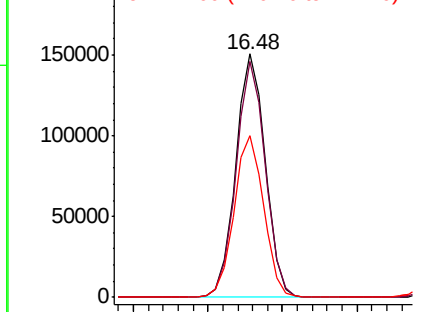


Abundance

Ion 248.00 (247.70 to 248.70): E

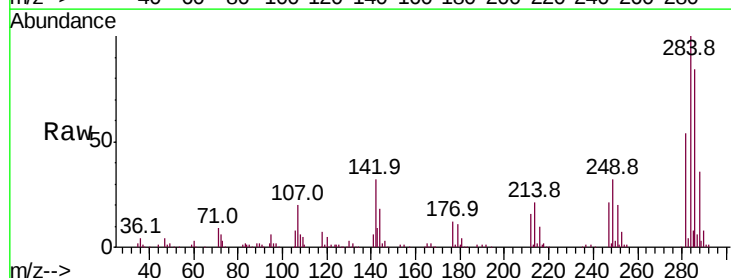
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.776 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.3	37.9
249	31.9	25.5	38.3

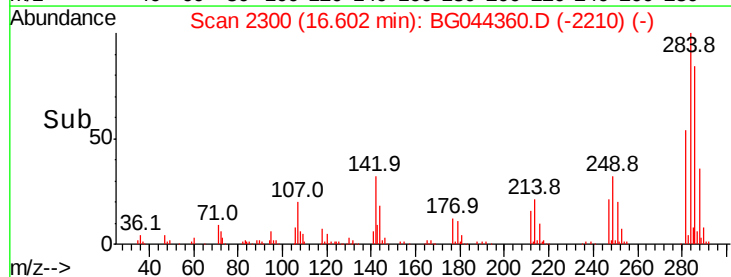
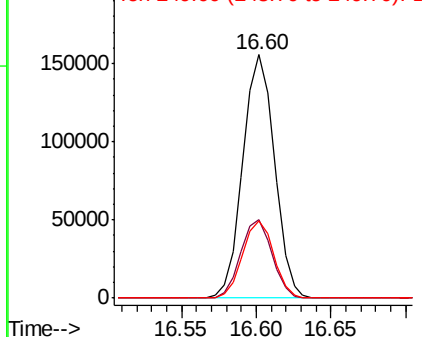


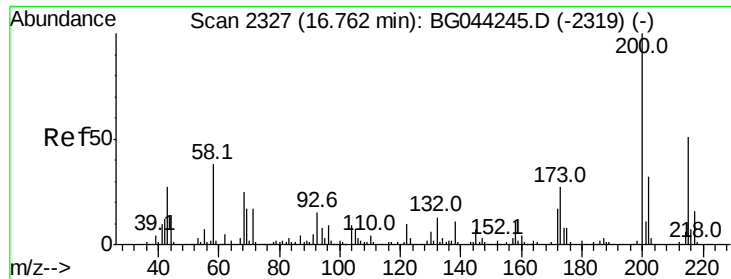
Abundance

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





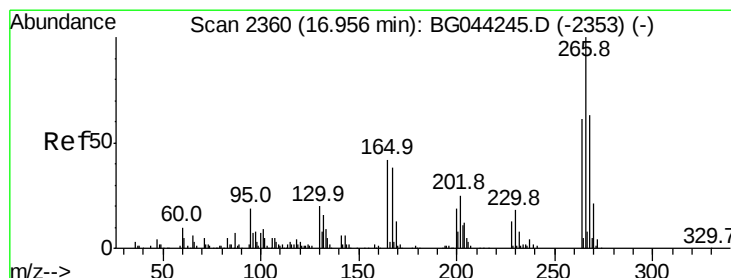
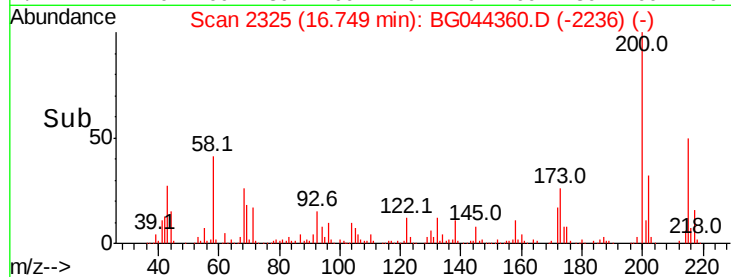
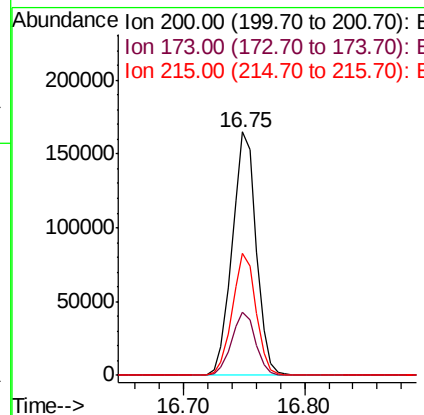
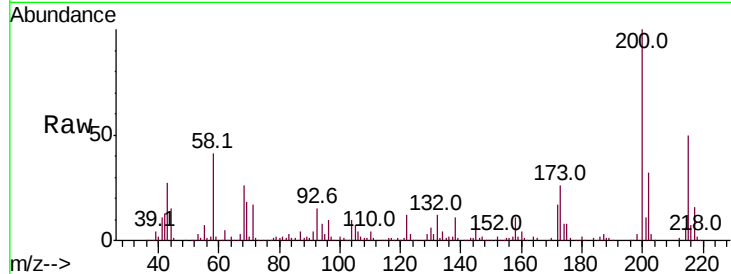
#69
 Atrazine
 Concen: 51.684 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	6.6	46.6
215	49.9	31.0	71.0

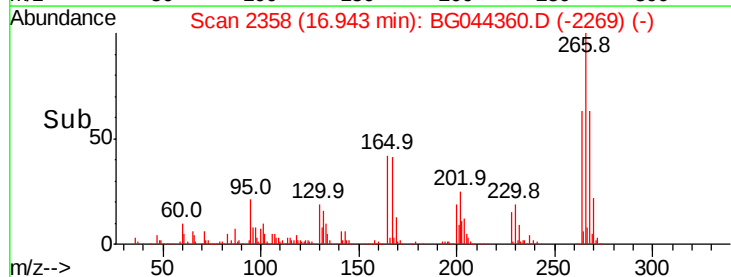
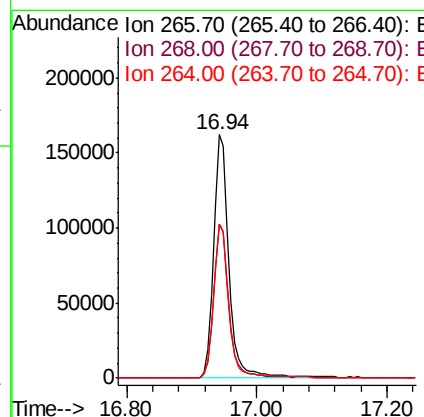
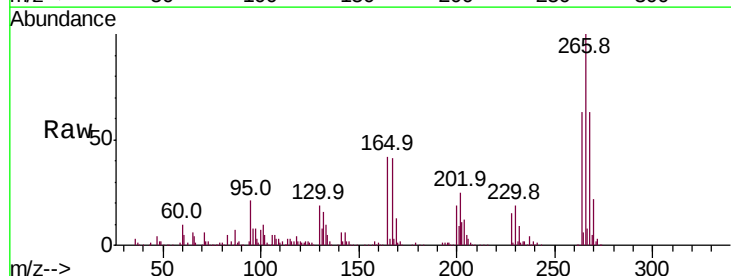
Manual Integrations
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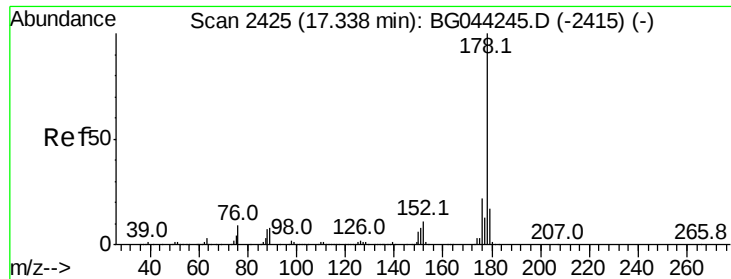
mohammad
 2/12/2020 9:49:36 AM



#70
 Pentachlorophenol
 Concen: 92.904 ng
 RT: 16.94 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.0	50.6	75.8
264	63.1	48.7	73.1





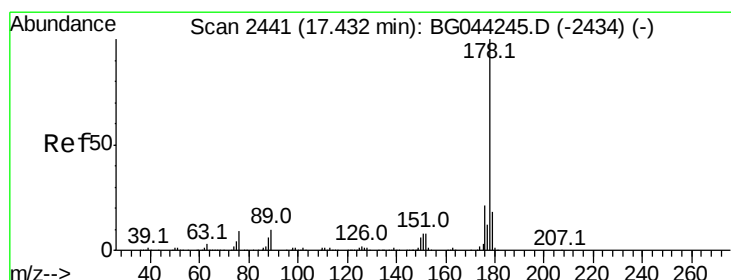
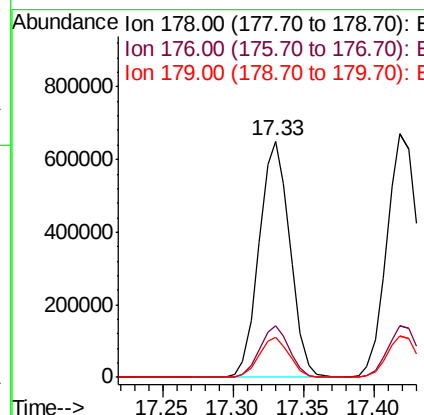
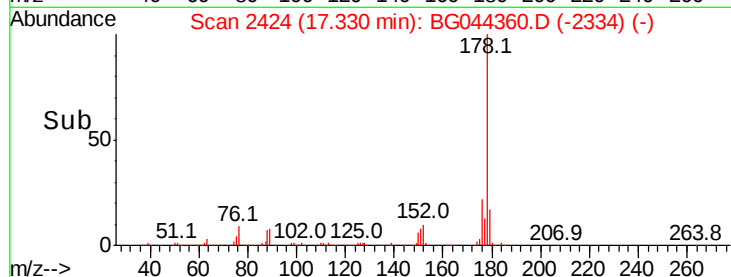
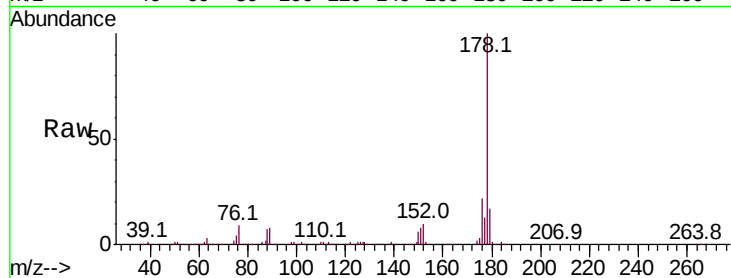
#71
Phenanthrene
Concen: 44.875 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	16.9	13.7	20.5

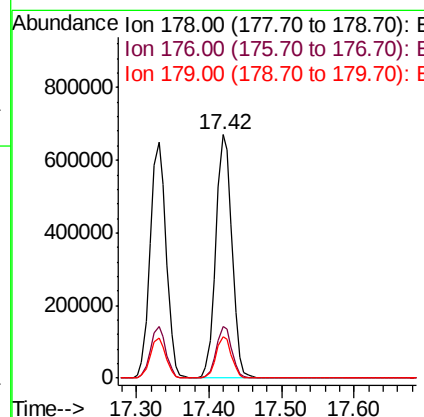
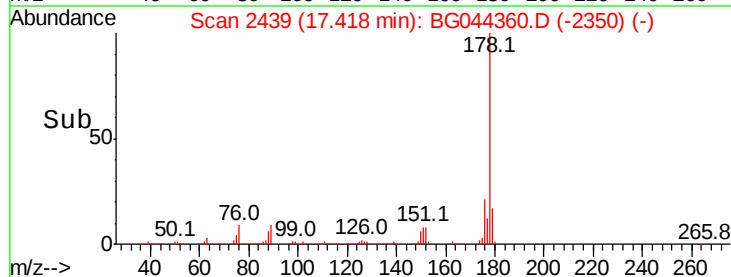
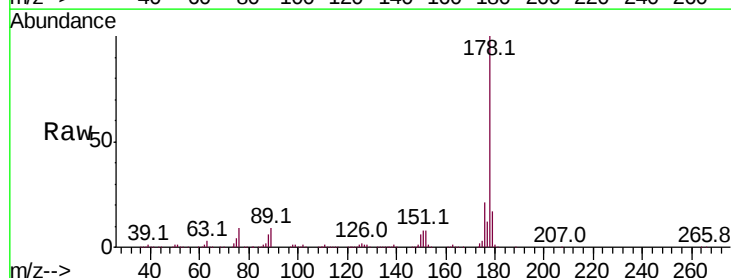
Manual Integrations
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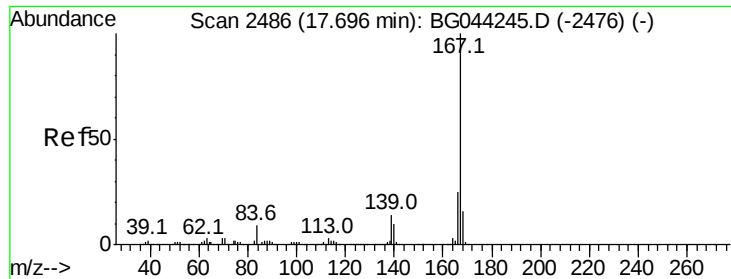
mohammad
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#72
Anthracene
Concen: 47.148 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.0	25.4
179	17.0	14.4	21.6





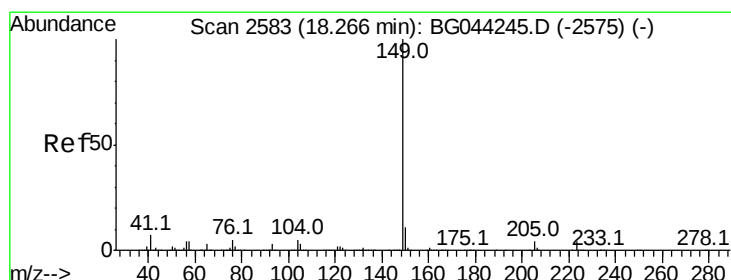
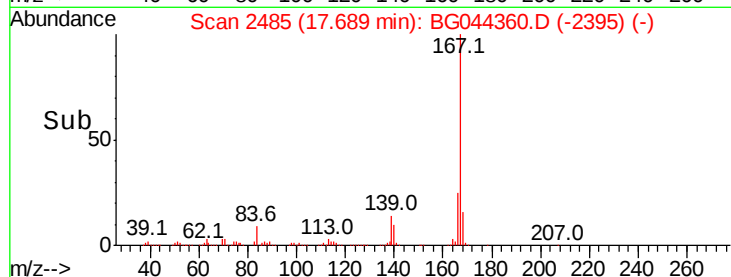
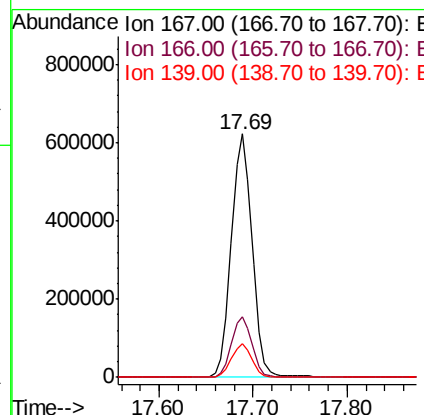
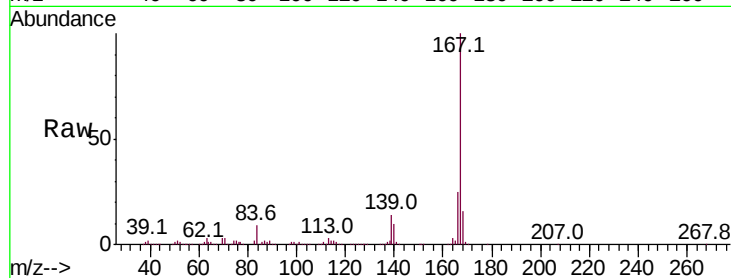
#73
 Carbazole
 Concen: 47.254 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.7	11.1	16.7

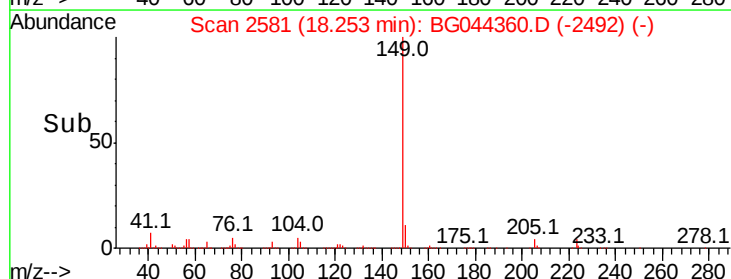
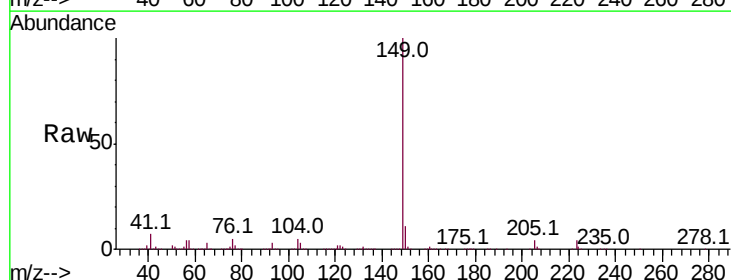
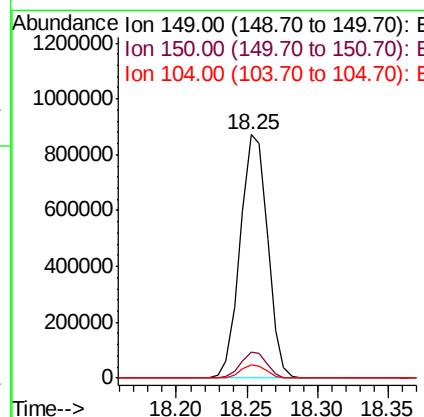
Manual Integrations
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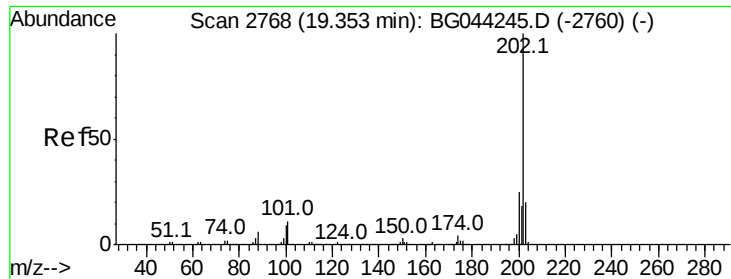
mohammad
 2/12/2020 9:49:36 AM



#74
 Di-n-butylphthalate
 Concen: 47.159 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 48.394 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

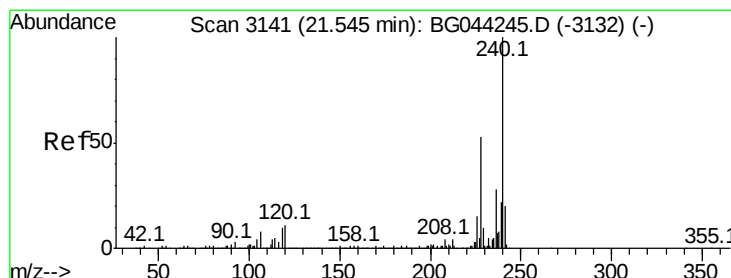
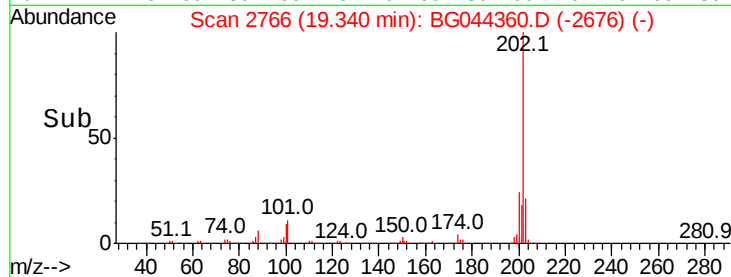
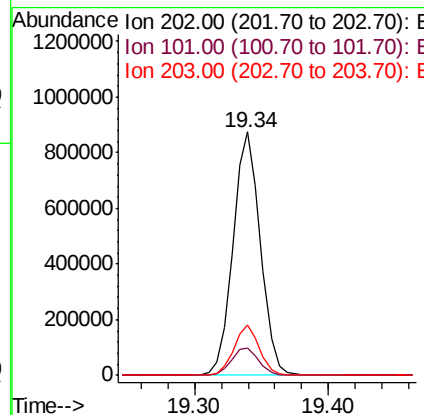
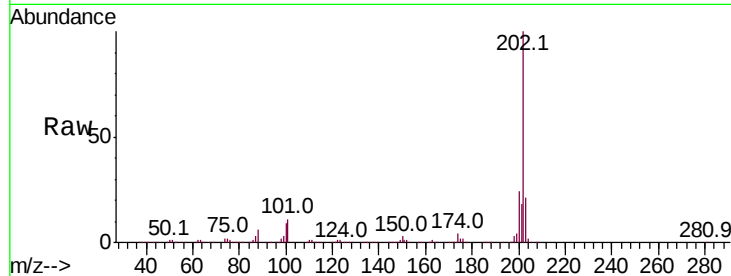
ClientSampleId :

PB126691BS

Tot Ion:	202	Resp:	1245983
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.3
203	20.7	0.0	39.9

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#76

Chrysene-d12

Concen: 20.000 ng

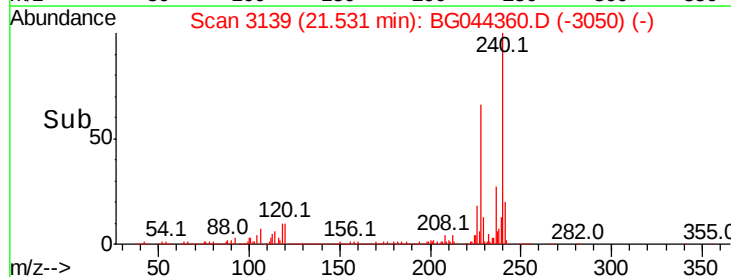
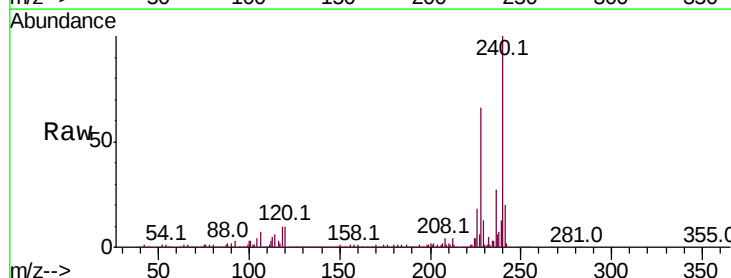
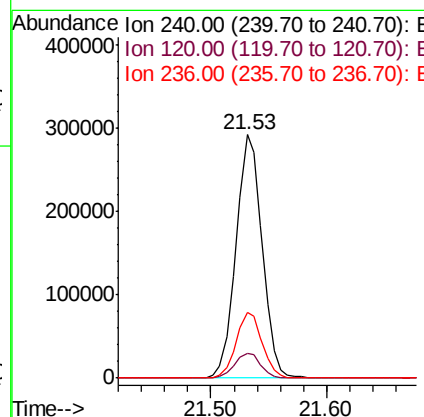
RT: 21.53 min Scan# 3139

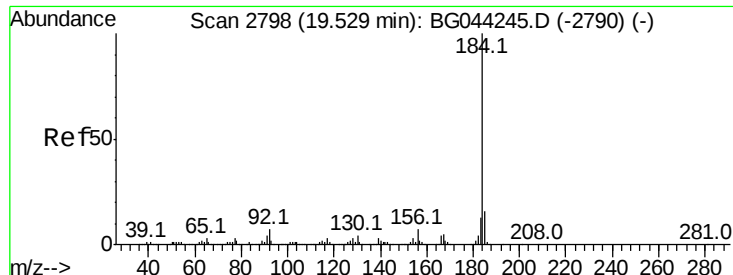
Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion:	240	Resp:	457635
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.4	12.6
236	27.2	22.1	33.1





#77

Benzidine

Concen: 46.015 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

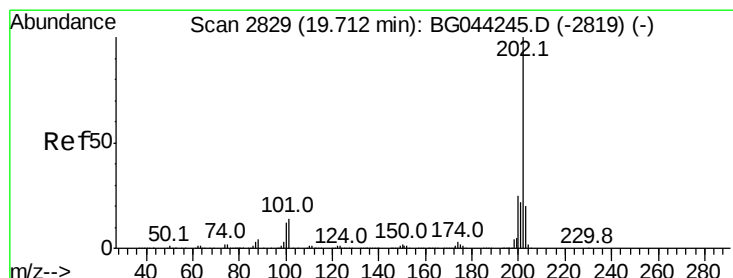
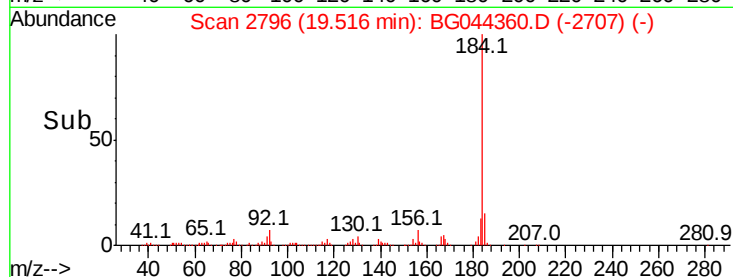
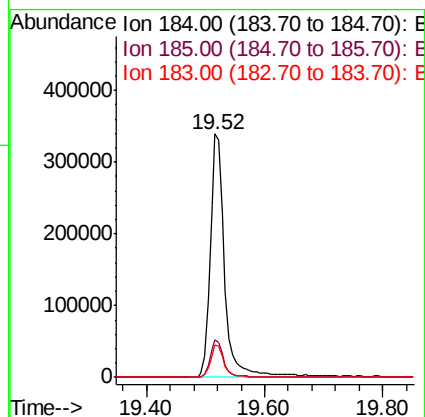
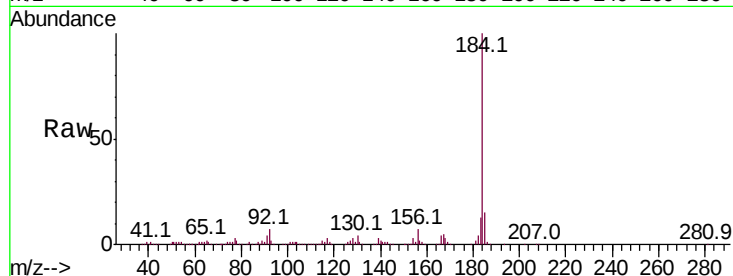
ClientSampleId :

PB126691BS

Tot Ion:	184	Resp:	584096
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.9	19.3
183	13.5	10.8	16.2

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#78

Pyrene

Concen: 42.564 ng

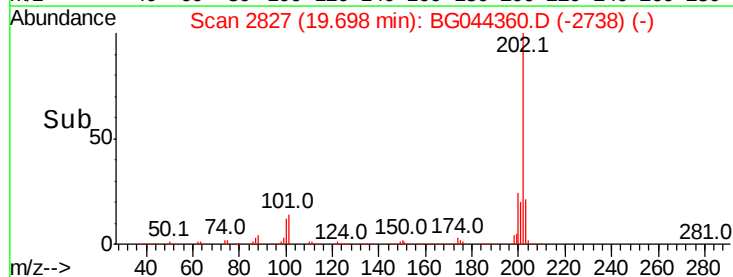
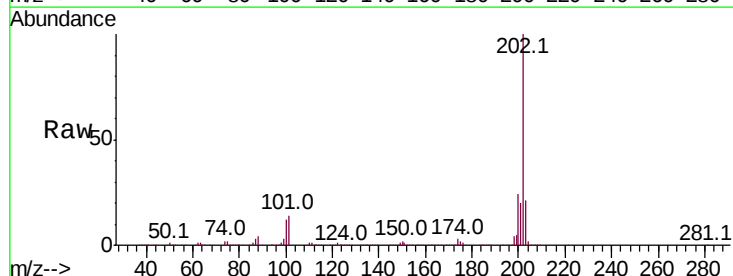
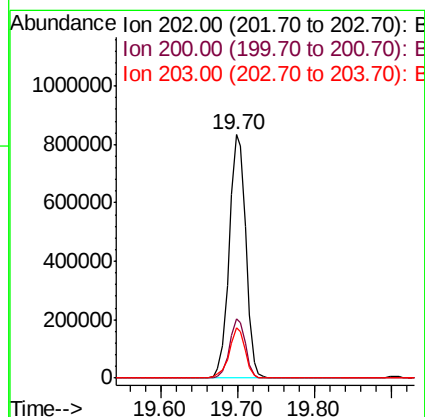
RT: 19.70 min Scan# 2827

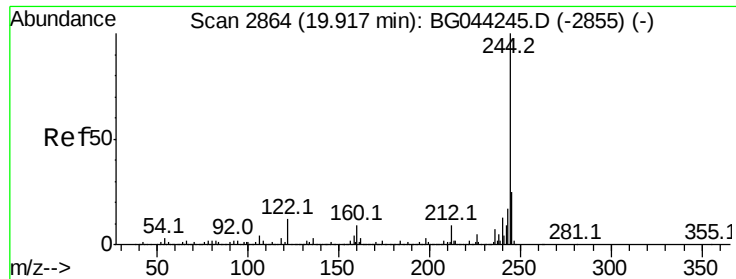
Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion:	202	Resp:	1250942
Ion Ratio	Lower	Upper	
202	100		
200	24.1	20.0	30.0
203	20.6	16.2	24.2





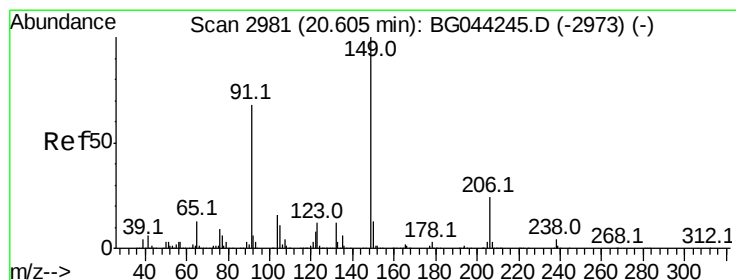
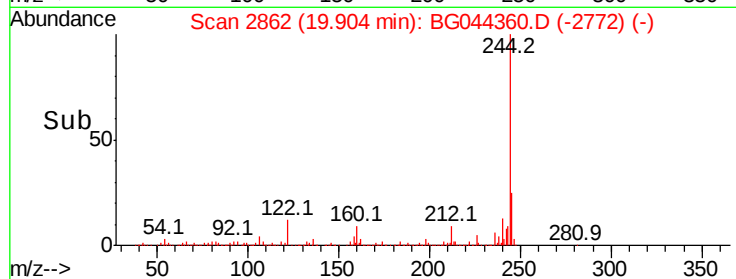
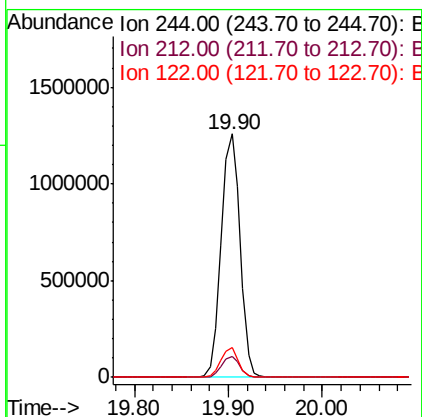
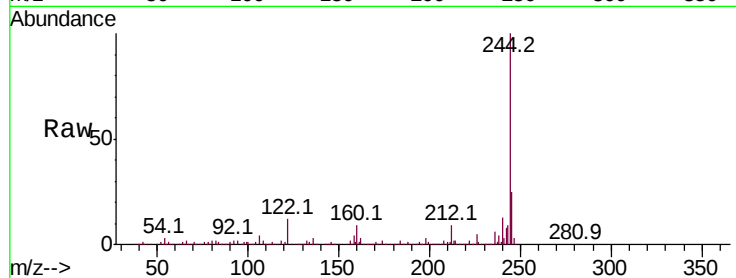
#79
 Terphenyl-d14
 Concen: 79.391 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	12.1	9.8	14.6

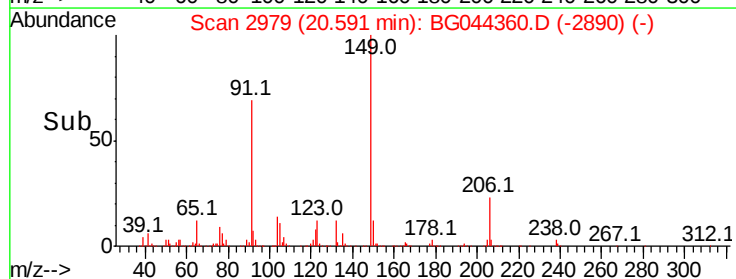
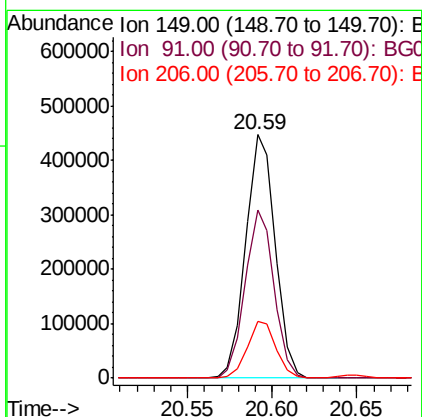
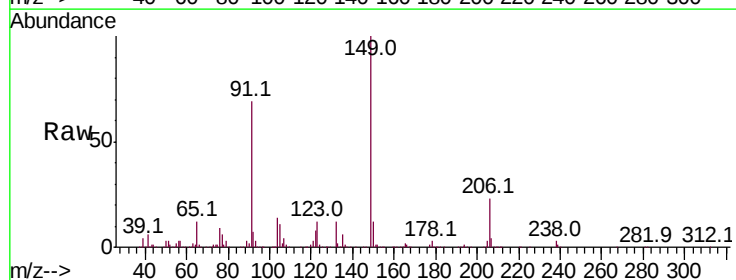
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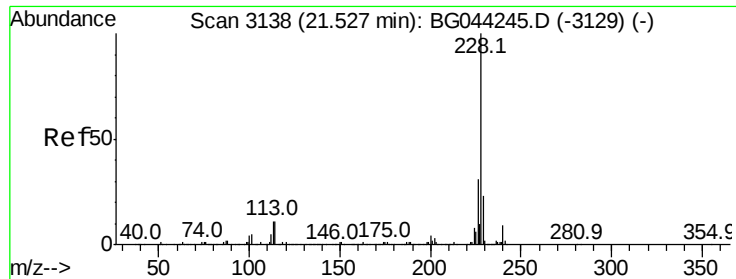
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#80
 Butylbenzylphthalate
 Concen: 40.698 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	54.5	81.7
206	23.2	19.1	28.7





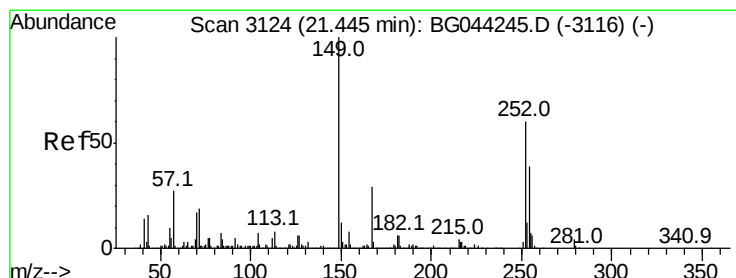
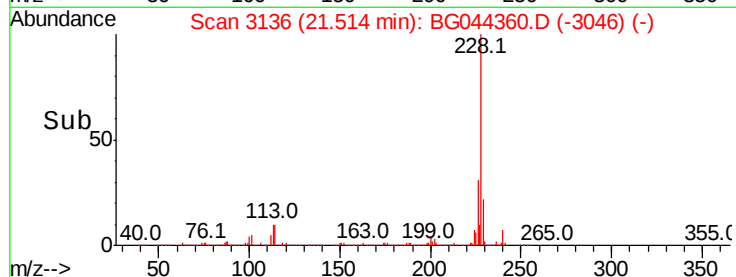
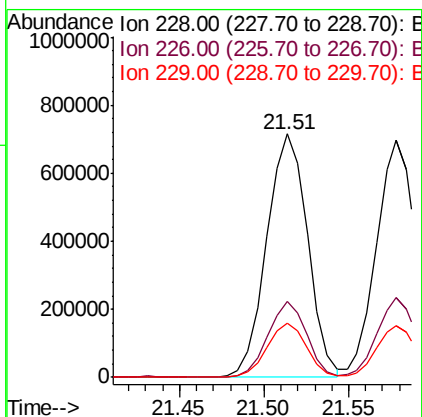
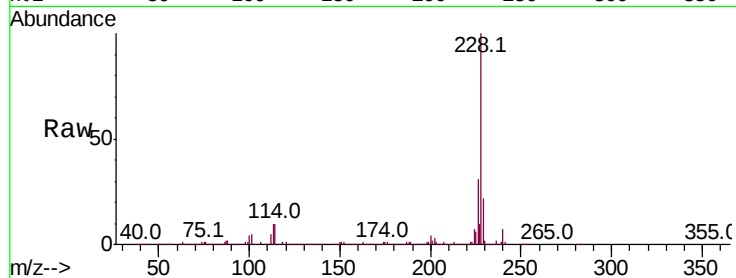
#81
Benzo(a)anthracene
Concen: 42.242 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	22.0	18.2	27.4

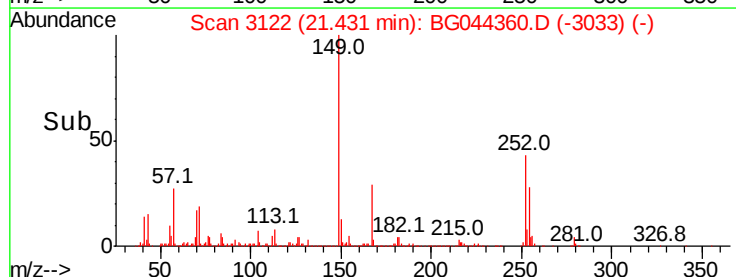
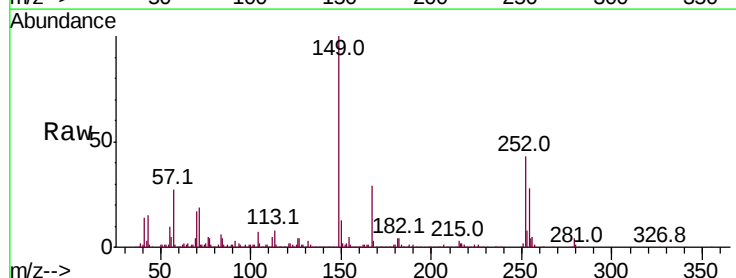
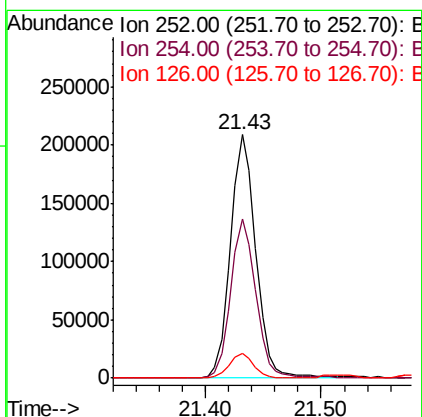
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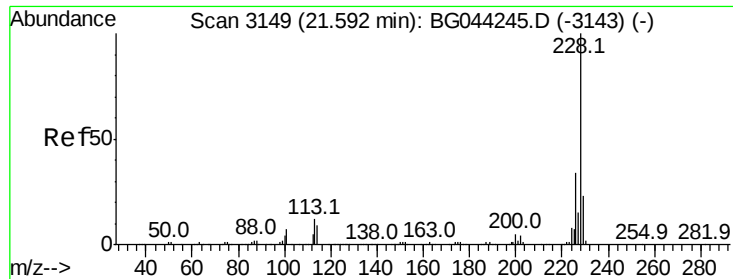
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#82
3,3'-Dichlorobenzidine
Concen: 29.067 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	10.1	8.2	12.4





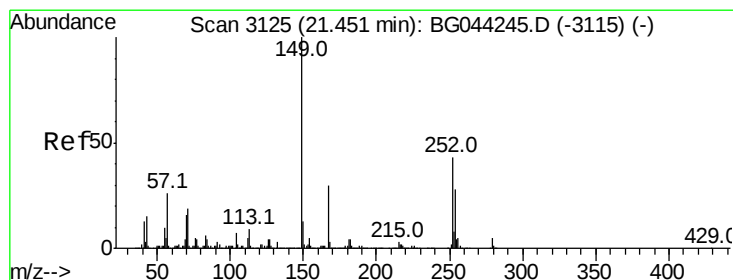
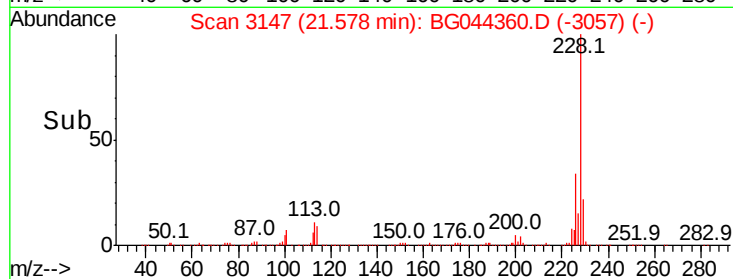
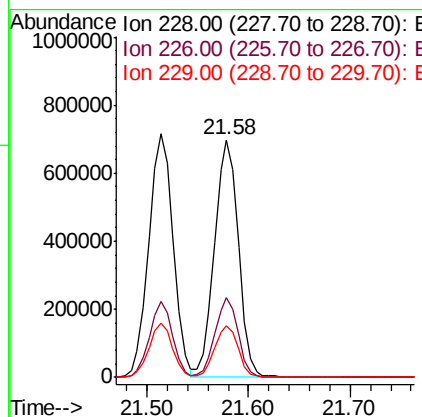
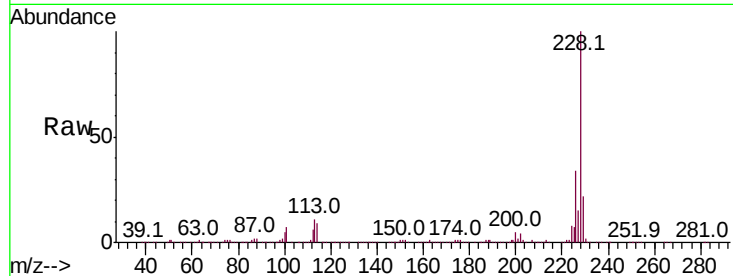
#83
 Chrvsene
 Concen: 41.730 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126691BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.1	40.7
229	22.0	17.9	26.9

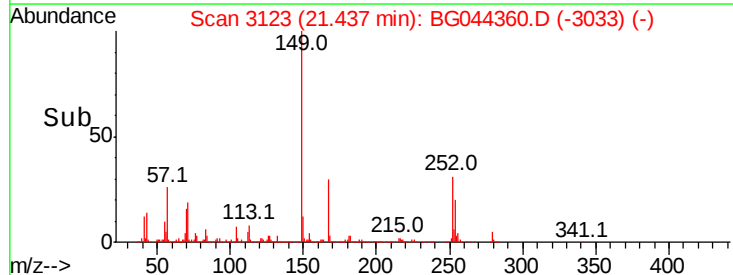
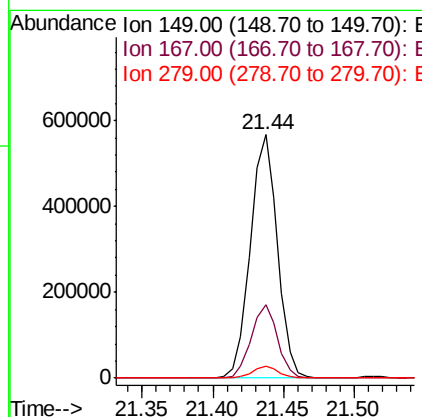
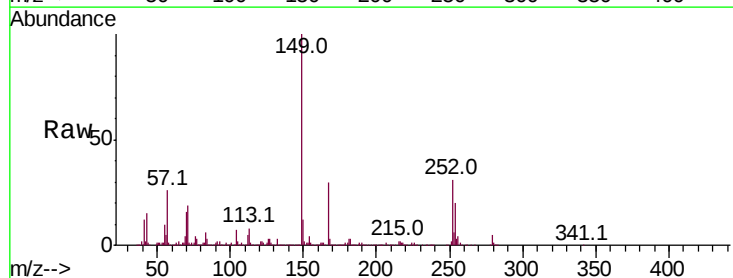
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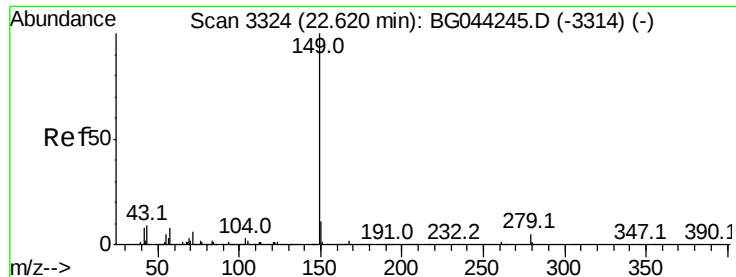
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.296 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044360.D
 Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.0	36.0
279	4.7	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 41.866 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126691BS

Tot Ion:149 Resp: 1335348

Ion Ratio Lower Upper

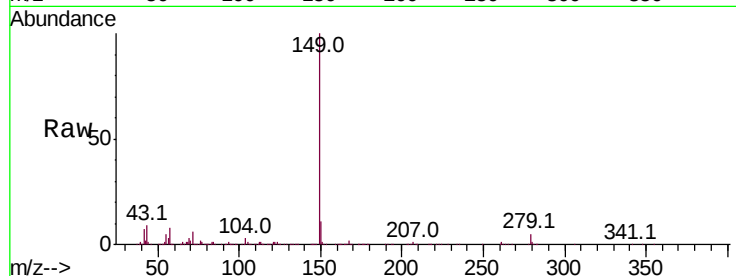
149 100

167 1.7 1.3 1.9

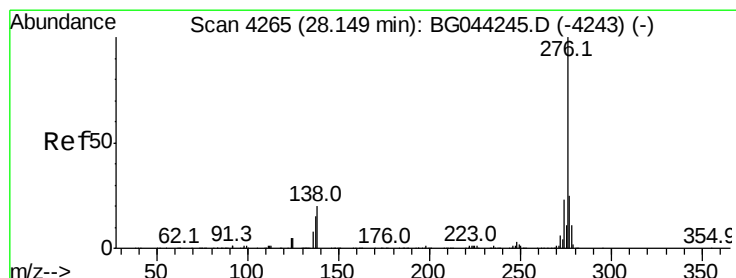
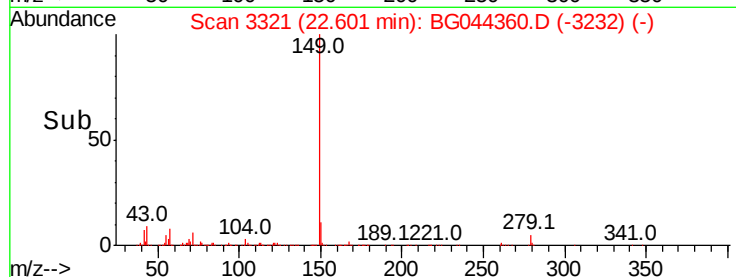
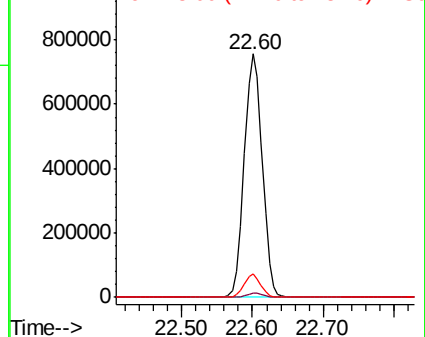
43 8.8 7.4 11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.685 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

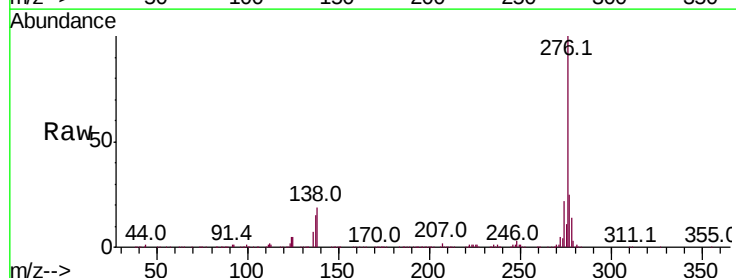
Tgt Ion:276 Resp: 1482647

Ion Ratio Lower Upper

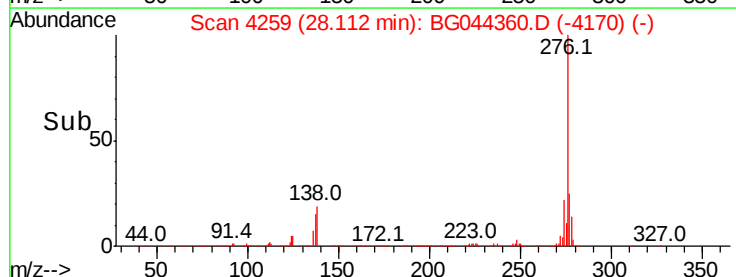
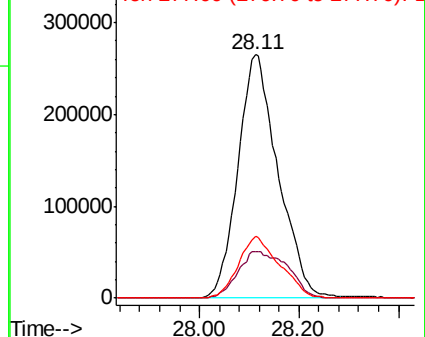
276 100

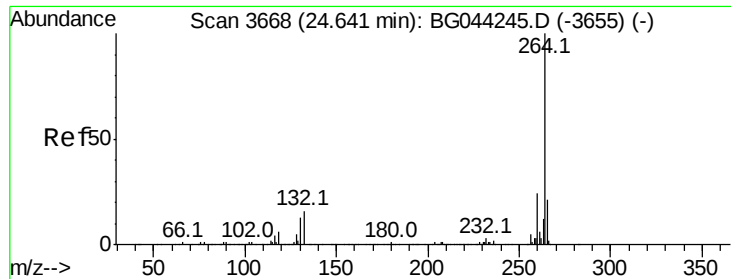
138 23.8 19.4 29.0

277 26.2 21.0 31.6



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Instrument :

BNA_G

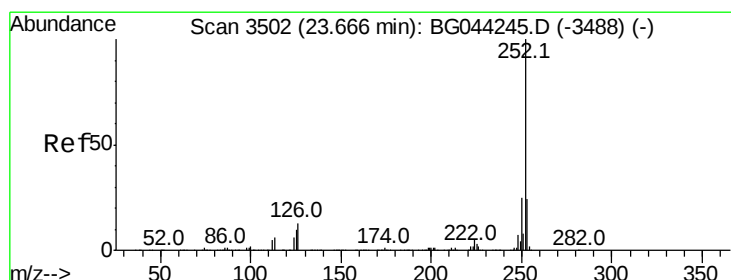
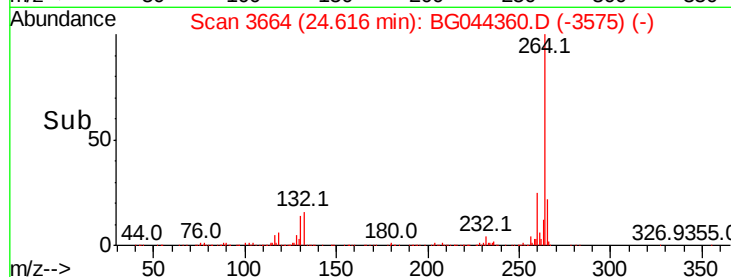
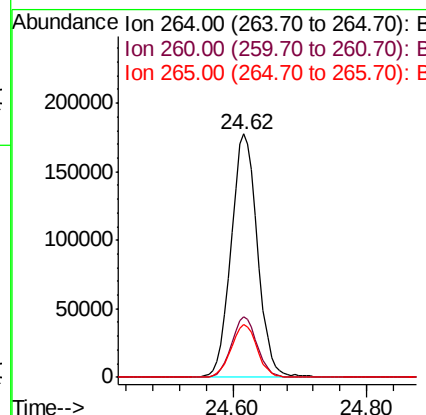
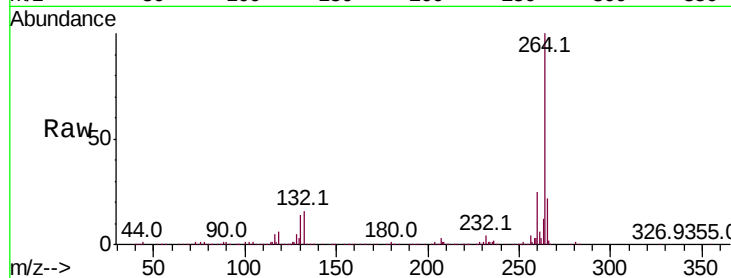
ClientSampleId :

PB126691BS

Tot Ion:	264	Resp:	491817
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	21.7	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 44.863 ng

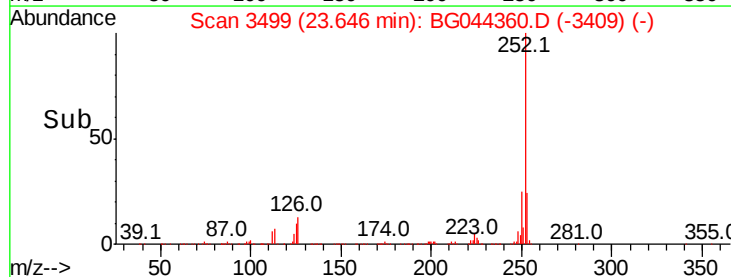
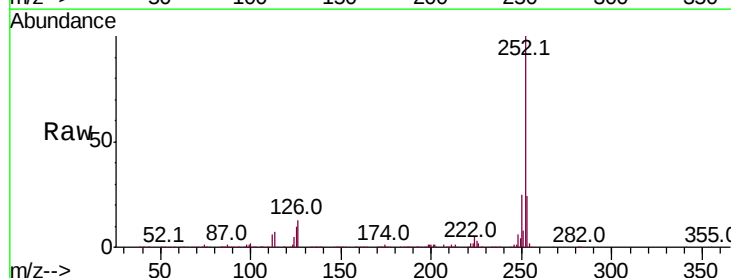
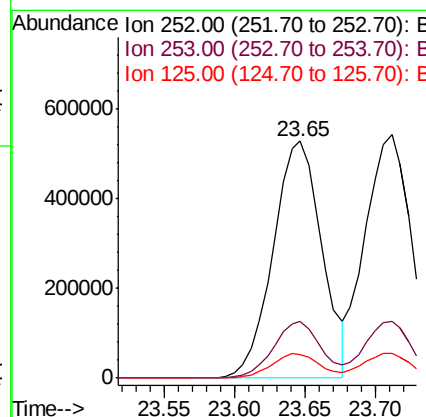
RT: 23.65 min Scan# 3499

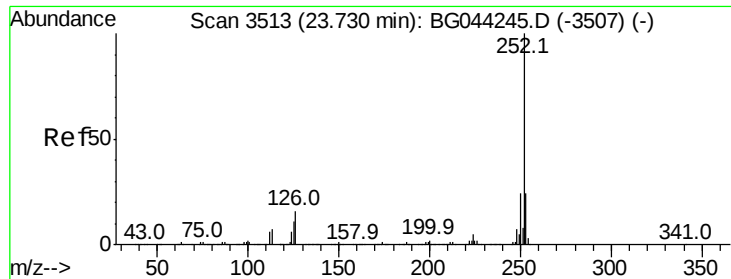
Delta R.T. 0.00 min

Lab File: BG044360.D

Acq: 10 Feb 2020 17:21

Tgt Ion:	252	Resp:	1271421
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.2	28.8
125	9.9	8.4	12.6





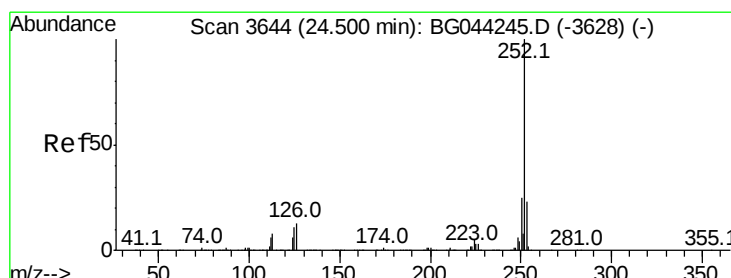
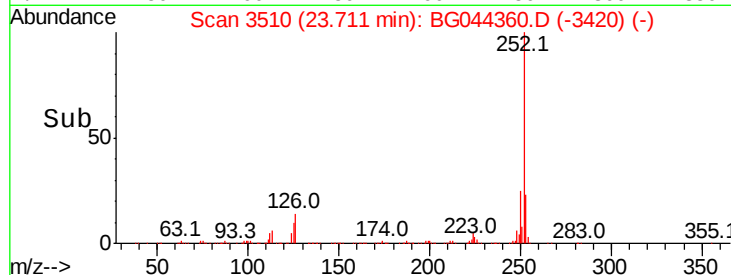
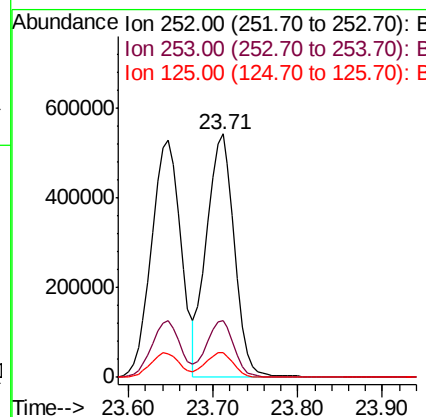
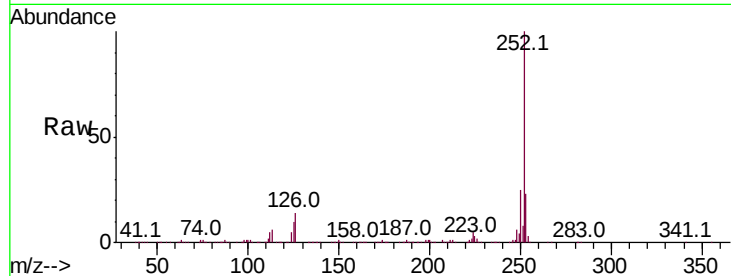
#89
Benzo(k)fluoranthene
Concen: 45.039 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.1	28.7
125	10.4	8.6	12.8

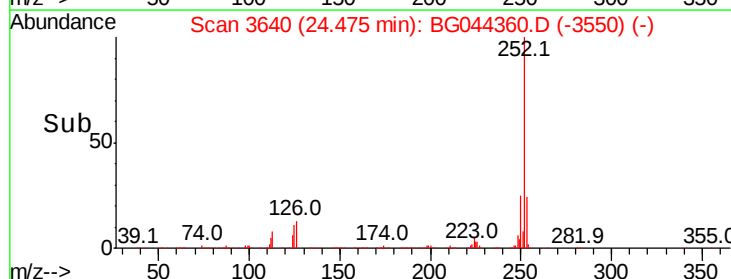
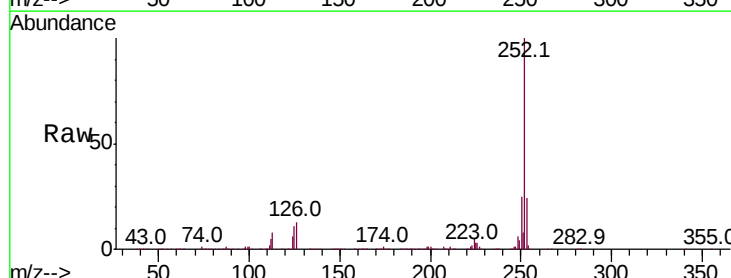
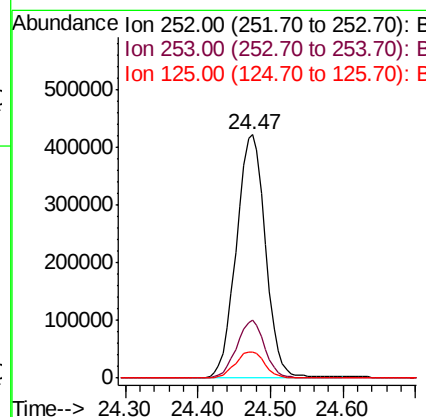
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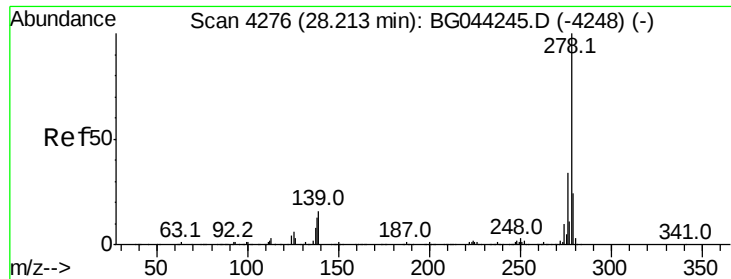
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#90
Benzo(a)pyrene
Concen: 44.041 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	10.7	8.6	13.0





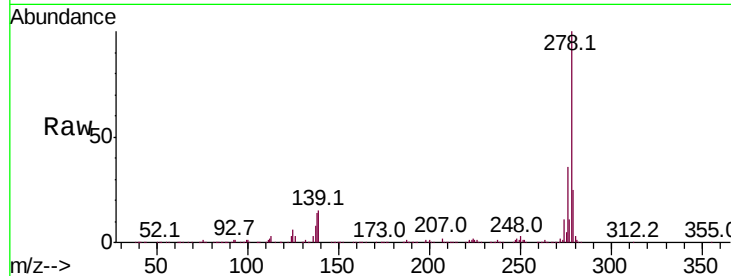
#91
Dibenzo(a,h)anthracene
Concen: 45.968 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.01 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126691BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	25.0	19.3	28.9

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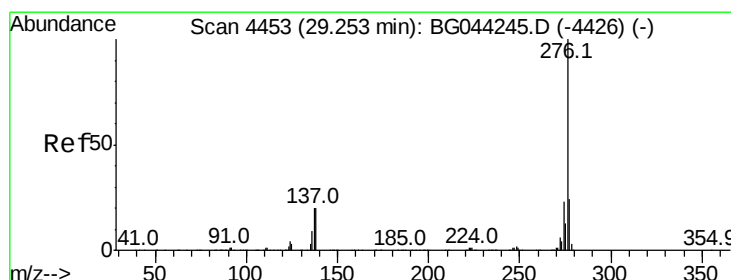
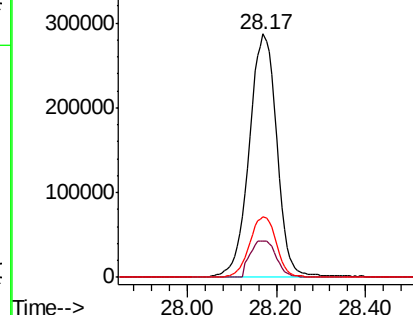
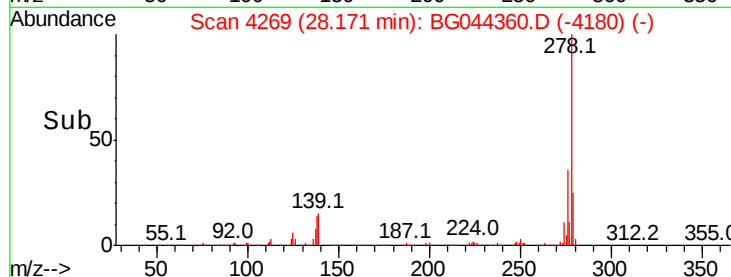


Abundance

Ion 278.00 (277.70 to 278.70): E

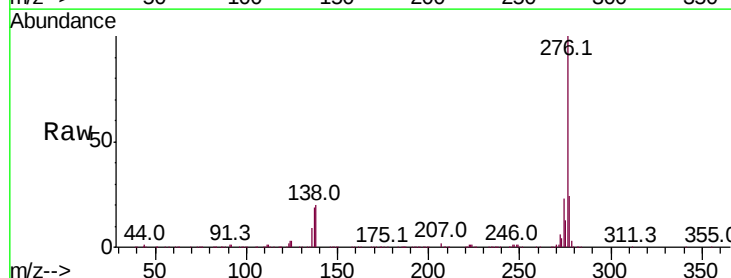
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.787 ng
RT: 29.20 min Scan# 4445
Delta R.T. 0.00 min
Lab File: BG044360.D
Acq: 10 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.9	16.2	24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

