

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044370.D
 Acq On : 11 Feb 2020 1:53
 Operator : CG/JU
 Sample : PB126703BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 03:17:58 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	7.91	152	64225	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	297605	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	214566	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	505617	20.00	ng	0.00
76) Chrysene-d12	21.54	240	465831	20.00	ng	0.00
87) Perylene-d12	24.62	264	500186	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	171266	47.06	ng	0.00
7) Phenol-d6	7.07	99	142563	29.17	ng	0.00
23) Nitrobenzene-d5	9.06	82	503532	95.52	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	263396	104.57	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1206212	94.14	ng	0.00
79) Terphenyl-d14	19.90	244	1901228	83.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	27604	16.883	ng	98
3) Pyridine	3.76	79	67033	15.388	ng	98
4) n-Nitrosodimethylamine	3.67	42	35122	19.295	ng	94
6) Aniline	7.22	93	203101	33.483	ng	99
8) 2-Chlorophenol	7.47	128	183297	45.830	ng	97
9) Benzaldehyde	7.04	77	120483	43.289	ng	98
10) Phenol	7.10	94	76455	15.808	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	215248	52.059	ng	97
12) 1,3-Dichlorobenzene	7.79	146	191366	40.074	ng	99
13) 1,4-Dichlorobenzene	7.93	146	198096	41.884	ng	98
14) 1,2-Dichlorobenzene	8.26	146	190435	42.599	ng	99
15) Benzyl Alcohol	8.14	79	121742	35.188	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	279903	50.016	ng	99
17) 2-Methylphenol	8.35	107	128749	37.312	ng	96
18) Hexachloroethane	8.99	117	66013	37.195	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	180357	55.378	ng	96
20) 3+4-Methylphenols	8.68	107	159423	33.524	ng	98
22) Acetophenone	8.72	105	342897	47.363	ng	99
24) Nitrobenzene	9.10	77	251736	48.917	ng	97
25) Isophorone	9.63	82	513004	52.213	ng	100
26) 2-Nitrophenol	9.81	139	131819	49.365	ng	99
27) 2,4-Dimethylphenol	9.88	122	198719	52.719	ng	97
28) bis(2-Chloroethoxy)methane	10.11	93	319794	48.791	ng	99
29) 2,4-Dichlorophenol	10.36	162	224401	49.234	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	210672	40.310	ng	100
31) Naphthalene	10.75	128	668080	46.269	ng	100
32) Benzoic acid	10.02	122	3949m	15.292	ng	
33) 4-Chloroaniline	10.86	127	213139	32.457	ng	99
34) Hexachlorobutadiene	11.05	225	113062	35.158	ng	97
35) Caprolactam	11.64	113	14476m	8.670	ng	
36) 4-Chloro-3-methylphenol	11.99	107	233140	48.787	ng	99
37) 2-Methylnaphthalene	12.36	142	532472	49.668	ng	99
38) 1-Methylnaphthalene	12.58	142	510974	50.556	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	266041	41.450	ng	99

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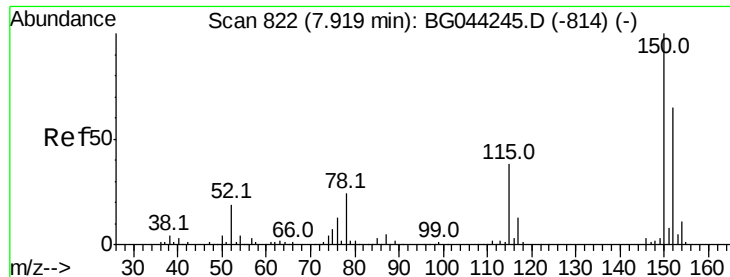
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	248512	80.693	nq	98
43) 2,4,6-Trichlorophenol	12.98	196	198477	47.841	nq	100
44) 2,4,5-Trichlorophenol	13.05	196	215694	50.902	nq	98
46) 1,1'-Biphenyl	13.38	154	711954	46.001	nq	99
47) 2-Chloronaphthalene	13.42	162	555847	45.133	nq	100
48) 2-Nitroaniline	13.62	65	177640	48.875	nq	97
49) Acenaphthylene	14.26	152	914540	50.628	nq	100
50) Dimethylphthalate	14.00	163	780624	50.612	nq	99
51) 2,6-Dinitrotoluene	14.12	165	178871	52.013	nq	100
52) Acenaphthene	14.61	154	565769	48.321	nq	98
53) 3-Nitroaniline	14.44	138	133131	34.991	nq	97
54) 2,4-Dinitrophenol	14.66	184	179184	87.177	nq	97
55) Dibenzofuran	14.94	168	903473	50.965	nq	99
56) 4-Nitrophenol	14.76	139	97283	34.907	nq	98
57) 2,4-Dinitrotoluene	14.90	165	257015	53.323	nq	99
58) Fluorene	15.59	166	723568	51.822	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	202293	52.852	nq	99
60) Diethylphthalate	15.37	149	793489	51.631	nq	99
61) 4-Chlorophenyl-phenylether	15.58	204	383704	50.684	nq	98
62) 4-Nitroaniline	15.61	138	178178	46.867	nq	100
63) Azobenzene	15.88	77	708073	52.569	nq	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	147488	52.844	nq	96
66) n-Nitrosodiphenylamine	15.80	169	691346	48.791	nq	98
67) 4-Bromophenyl-phenylether	16.48	248	261388	47.451	nq	98
68) Hexachlorobenzene	16.60	284	288629	46.768	nq	98
69) Atrazine	16.75	200	276265	56.884	nq	99
70) Pentachlorophenol	16.95	266	301764	96.037	nq	96
71) Phenanthrene	17.33	178	1193196	48.734	nq	99
72) Anthracene	17.42	178	1235502	51.041	nq	99
73) Carbazole	17.69	167	1125031	50.415	nq	98
74) Di-n-butylphthalate	18.26	149	1362066	49.393	nq	100
75) Fluoranthene	19.34	202	1413769	49.916	nq	98
77) Benzidine	19.52	184	688419	53.279	nq	100
78) Pyrene	19.70	202	1406376	47.011	nq	100
80) Butylbenzylphthalate	20.59	149	616415	45.215	nq	96
81) Benzo(a)anthracene	21.51	228	1348628	46.975	nq	100
82) 3,3'-Dichlorobenzidine	21.43	252	424373	38.086	nq	100
83) Chrysene	21.58	228	1289191	46.456	nq	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	857091	45.676	nq	99
85) Di-n-octyl phthalate	22.60	149	1510957	46.538	nq	100
86) Indeno(1,2,3-cd)pyrene	28.11	276	1681620	46.448	nq	# 92
88) Benzo(b)fluoranthene	23.65	252	1424644	49.428	nq	100
89) Benzo(k)fluoranthene	23.71	252	1414558	50.356	nq	100
90) Benzo(a)pyrene	24.47	252	1325706	48.648	nq	99
91) Dibenzo(a,h)anthracene	28.18	278	1394520	51.707	nq	99
92) Benzo(g,h,i)perylene	29.20	276	1405566	52.061	nq	98

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



#1

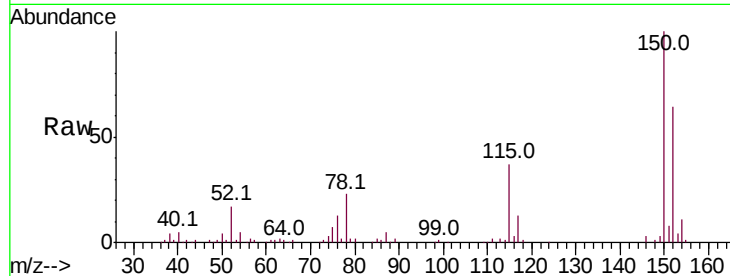
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.6	183.8
115	56.8	46.0	69.0

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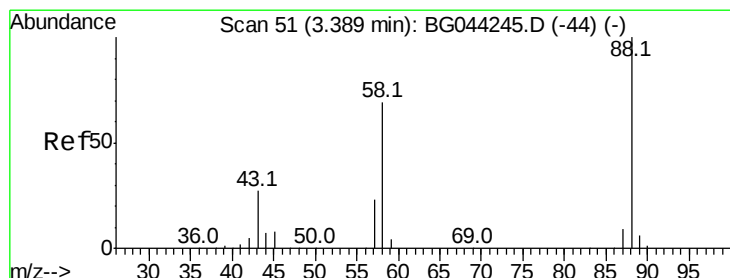
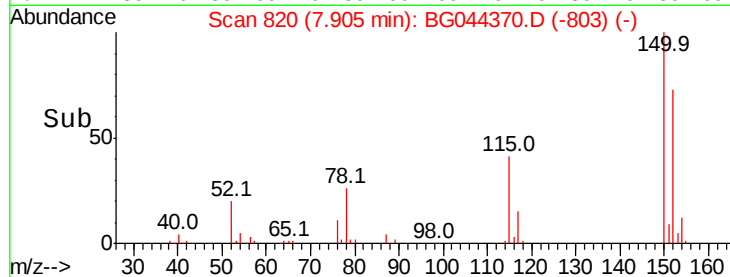
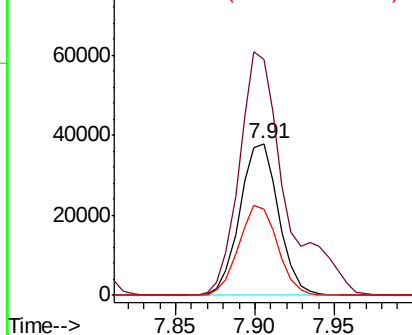


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

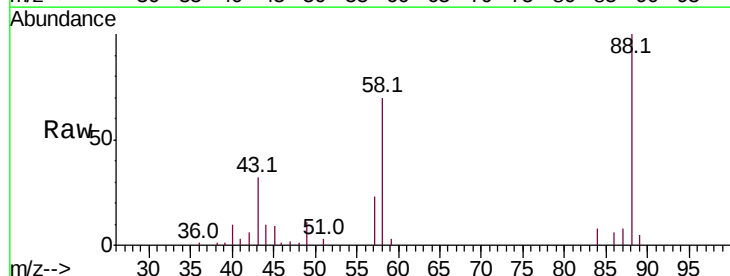
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.883 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	55.8	83.6
43	27.7	21.6	32.4

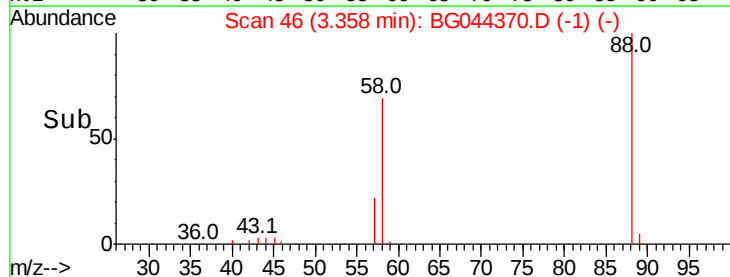
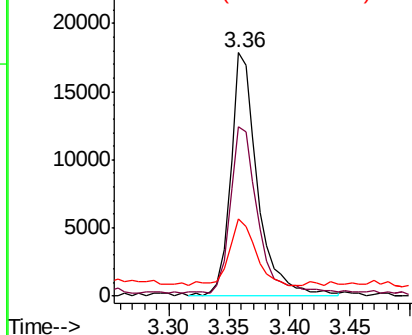


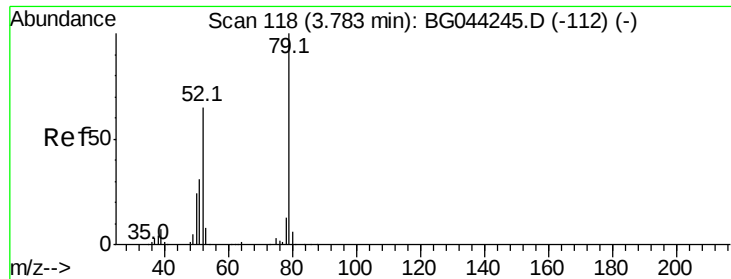
Abundance

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: 15.388 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

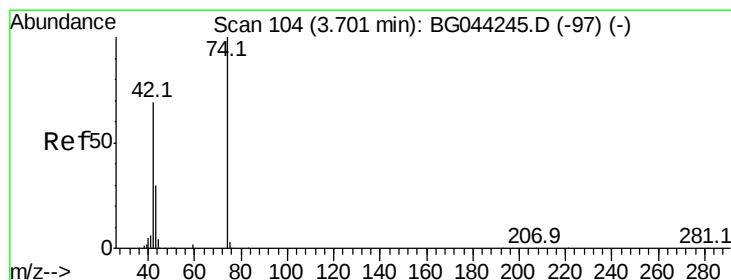
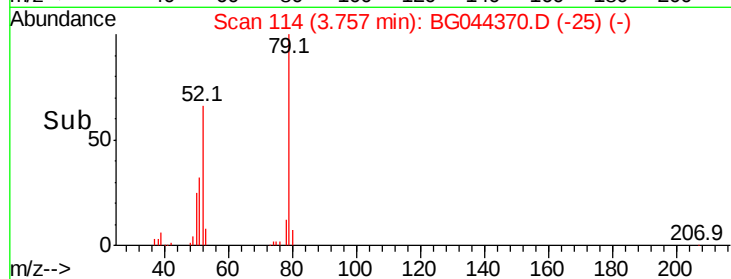
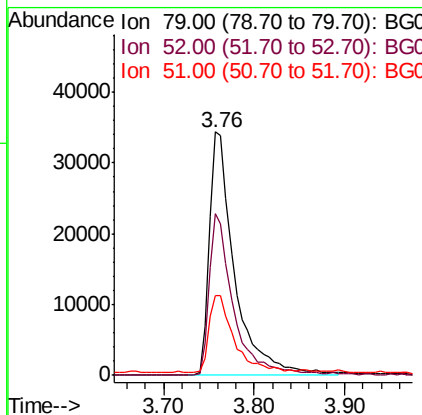
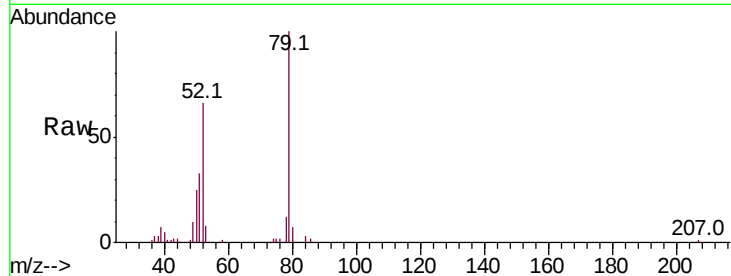
ClientSampleId :

PB126703BS

Tot Ion:	79	Resp:	67033
Ion Ratio	Lower	Upper	
79	100		
52	66.2	51.9	77.9
51	33.0	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 19.295 ng

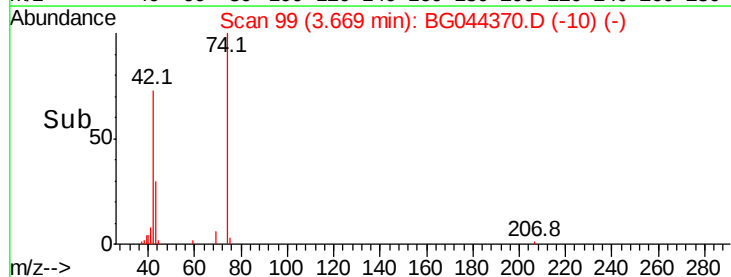
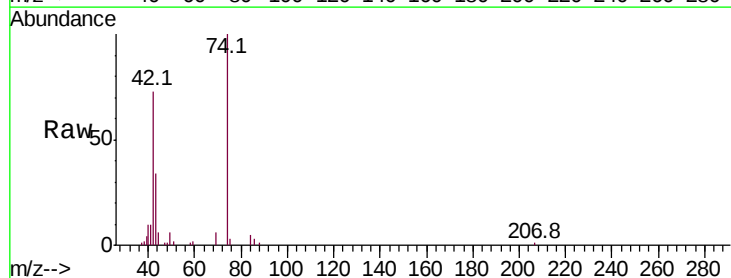
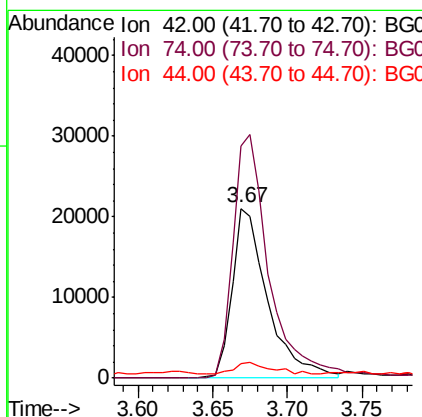
RT: 3.67 min Scan# 99

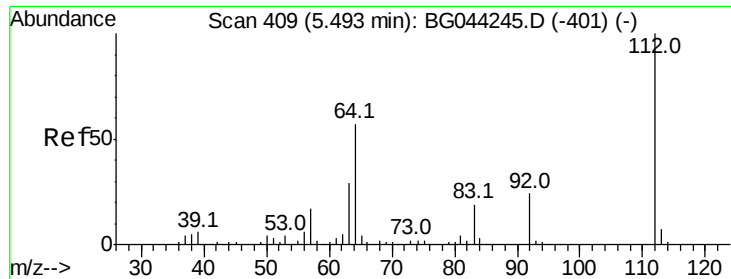
Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:	42	Resp:	35122
Ion Ratio	Lower	Upper	
42	100		
74	136.2	115.1	172.7
44	8.2	5.6	8.4





#5

2-Fluorophenol

Concen: 47.062 ng

RT: 5.48 min Scan# 407

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

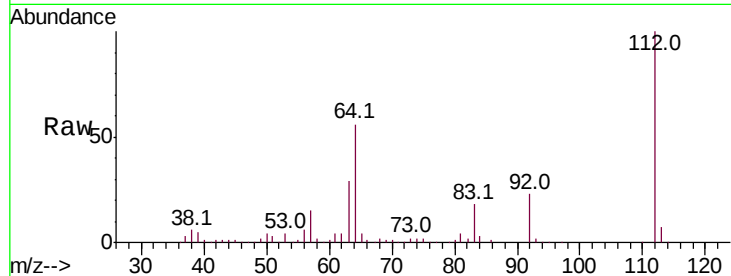
ClientSampleId :

PB126703BS

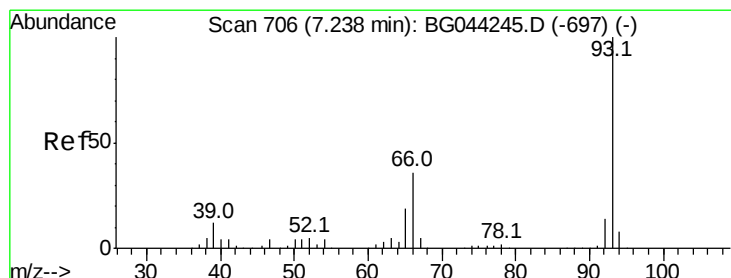
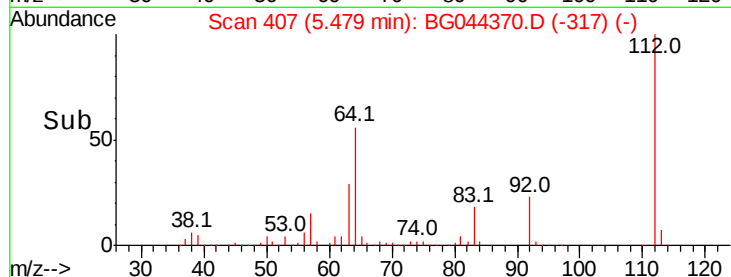
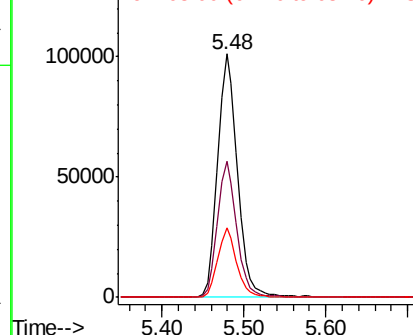
Tot Ion:	112	Resp:	171266
Ion Ratio	Lower	Upper	
112	100		
64	55.7	45.4	68.2
63	28.6	22.9	34.3

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.483 ng

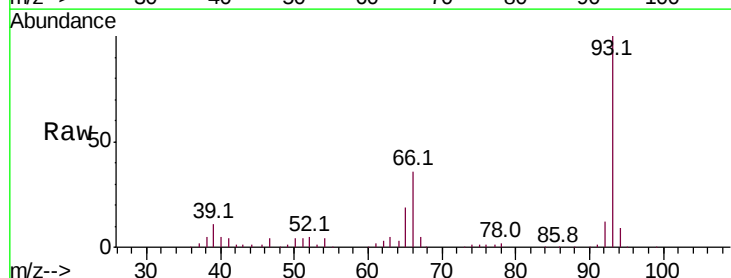
RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

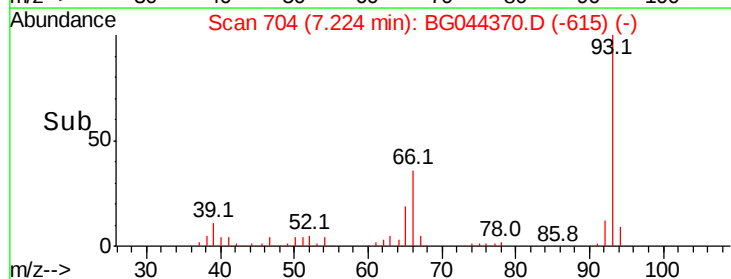
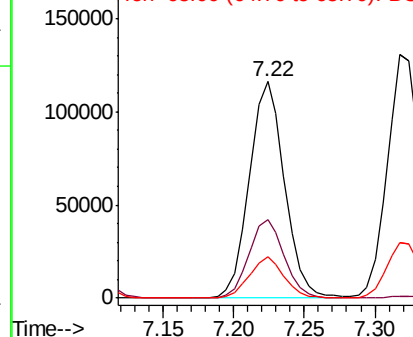
Lab File: BG044370.D

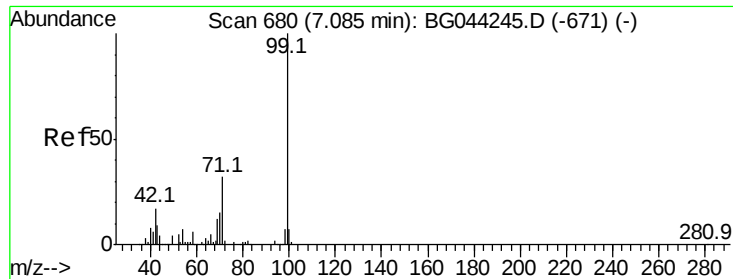
Acq: 11 Feb 2020 1:53

Tgt Ion:	93	Resp:	203101
Ion Ratio	Lower	Upper	
93	100		
66	36.5	28.7	43.1
65	19.4	15.4	23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 29.173 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

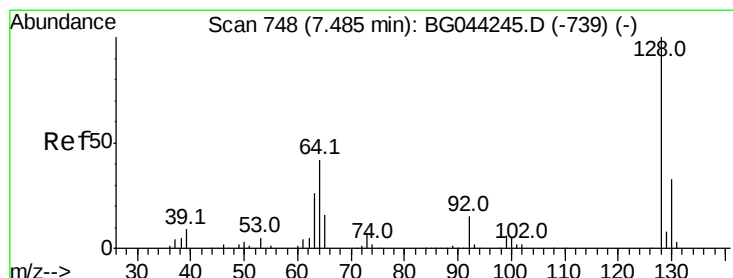
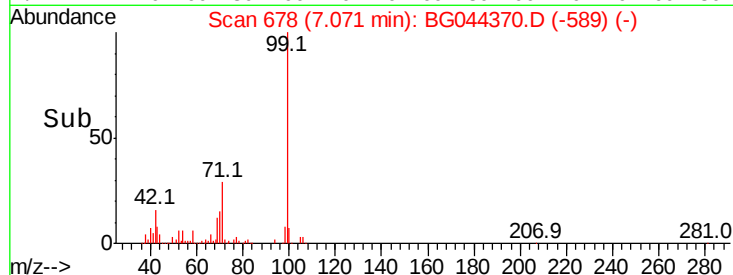
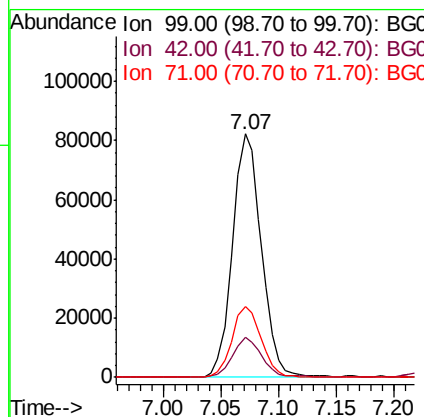
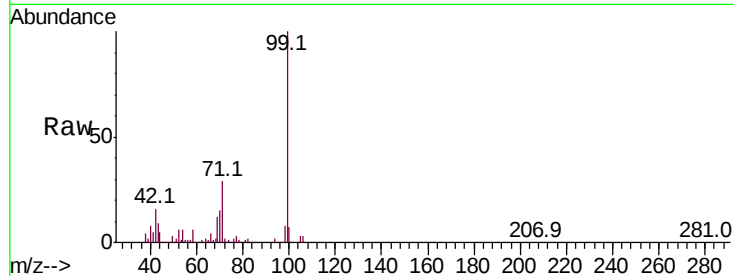
ClientSampled :

PB126703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		142563		
42	16.4	13.8	20.6		
71	29.1	25.5	38.3		

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#8

2-Chlorophenol

Concen: 45.830 ng

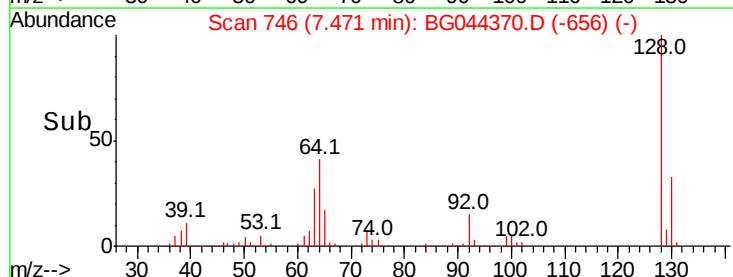
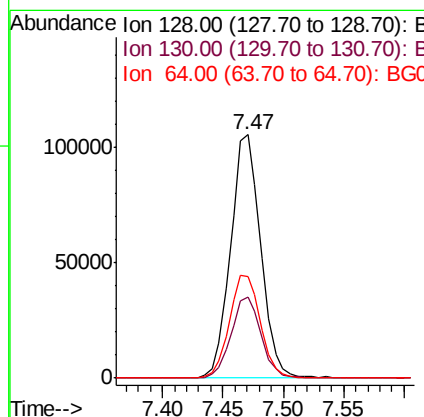
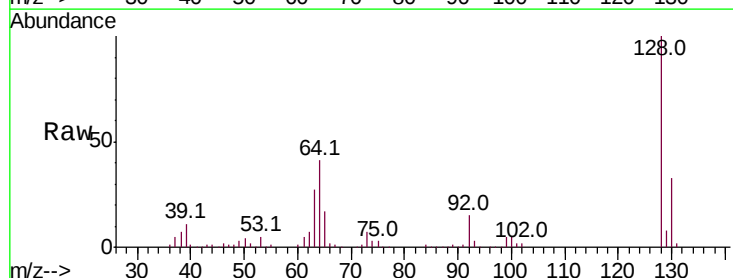
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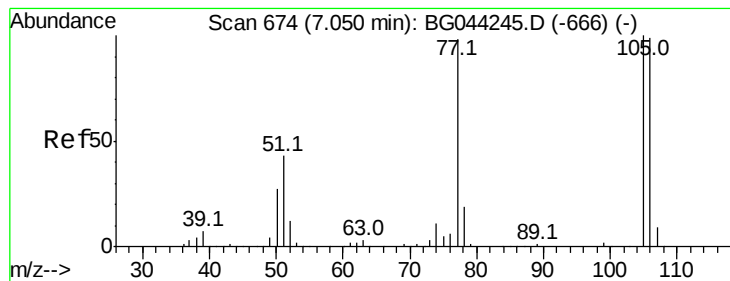
Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		183297		
130	33.3	12.5	52.5		
64	41.5	24.2	64.2		





#9

Benzaldehyde

Concen: 43.289 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

PB126703BS

Tot Ion: 77 Resp: 120483

Ion Ratio Lower Upper

77 100

105 102.8 82.0 122.0

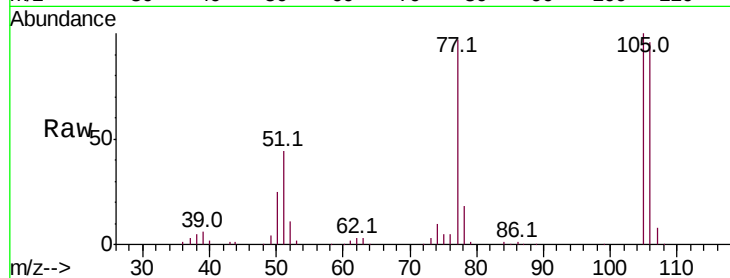
106 98.4 80.7 120.7

Manual Integrations

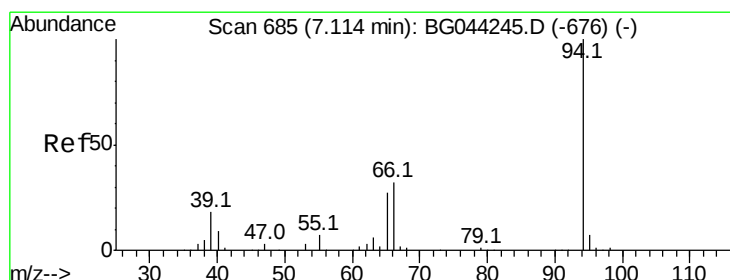
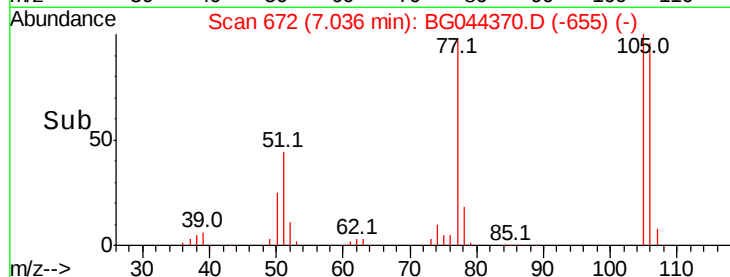
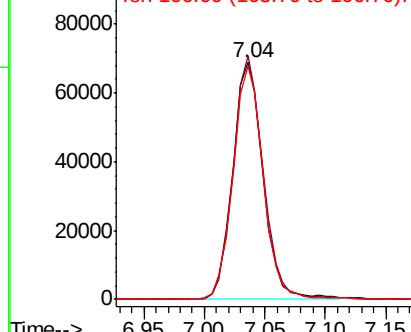
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 15.808 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

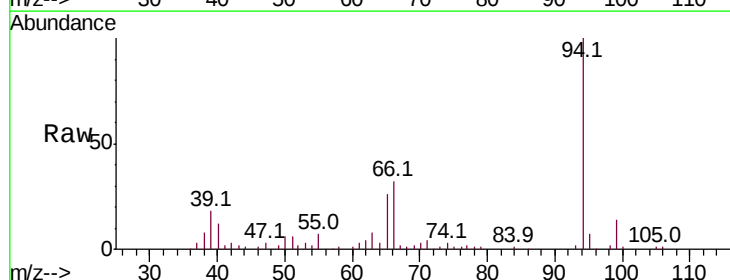
Tgt Ion: 94 Resp: 76455

Ion Ratio Lower Upper

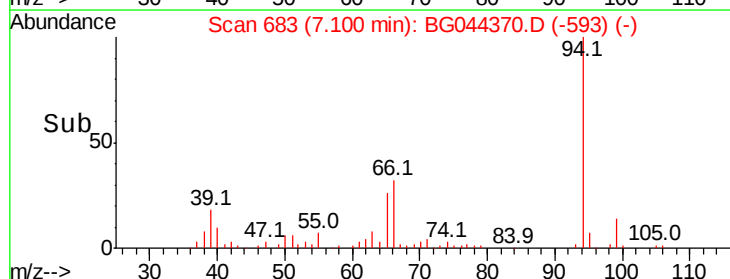
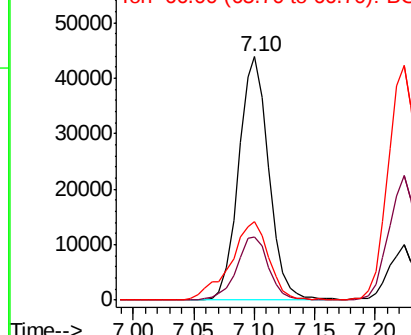
94 100

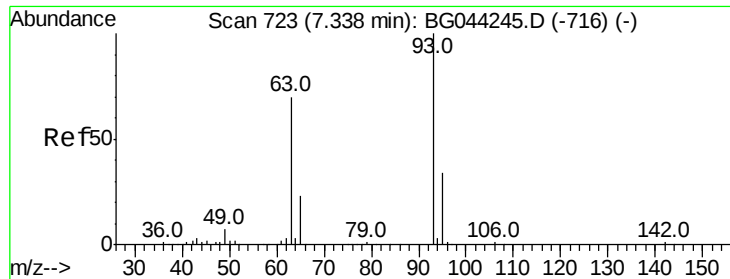
65 25.9 7.0 47.0

66 32.4 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





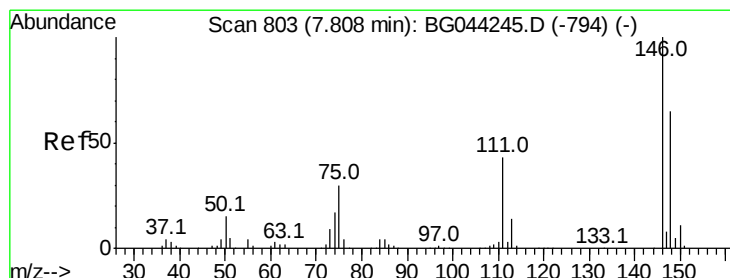
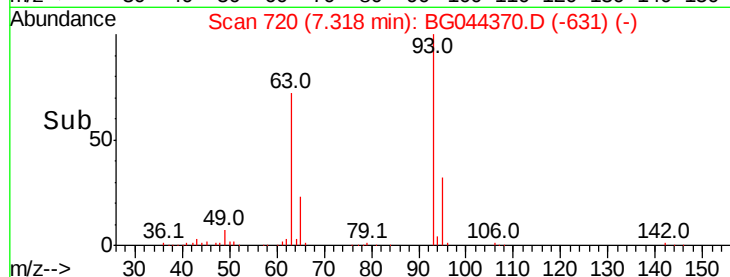
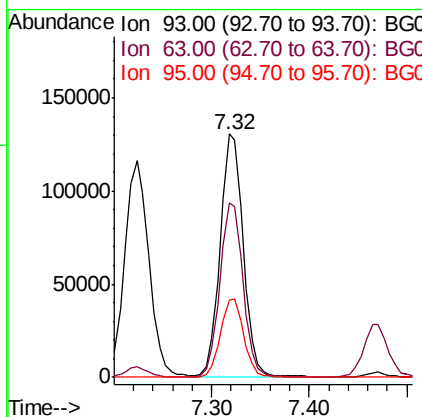
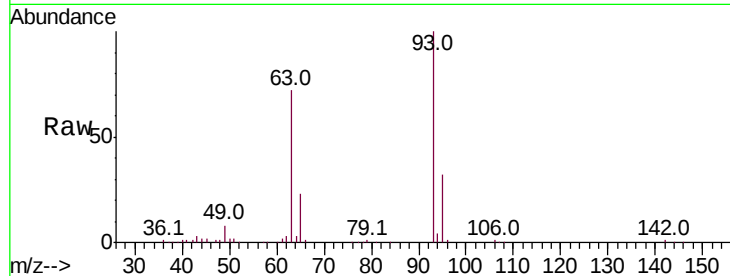
#11
bis(2-Chloroethyl)ether
Concen: 52.059 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	49.2	89.2
95	31.8	13.6	53.6

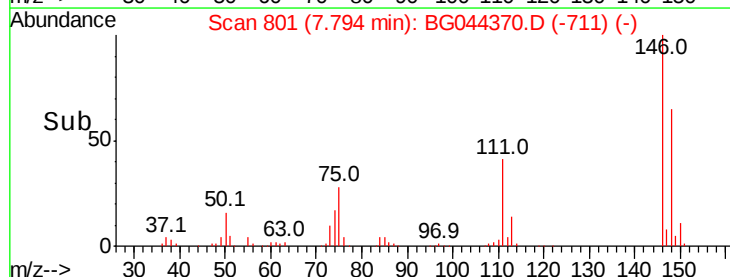
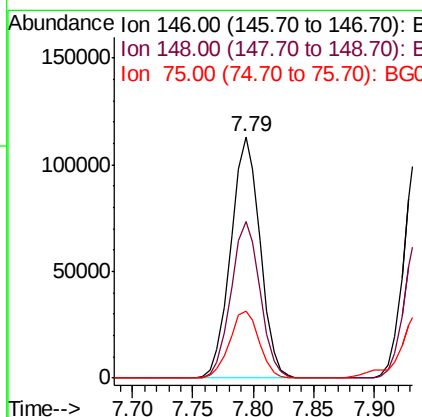
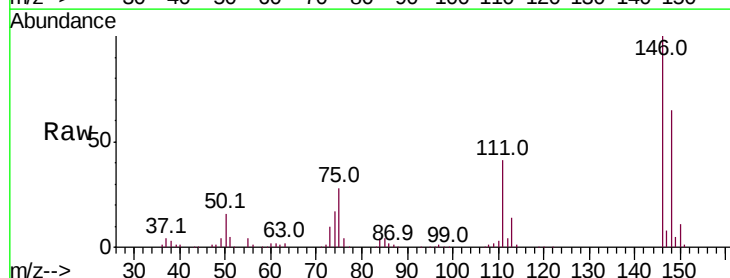
Manual Integrations
APPROVED

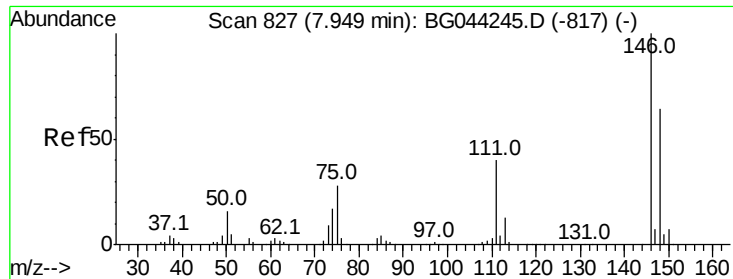
mohammad
2/12/2020 9:49:49 AM



#12
1,3-Dichlorobenzene
Concen: 40.074 ng
RT: 7.79 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	27.9	23.7	35.5





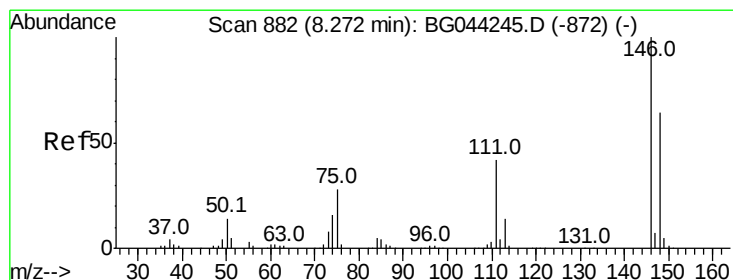
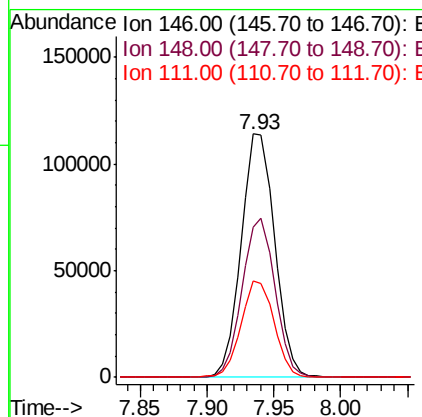
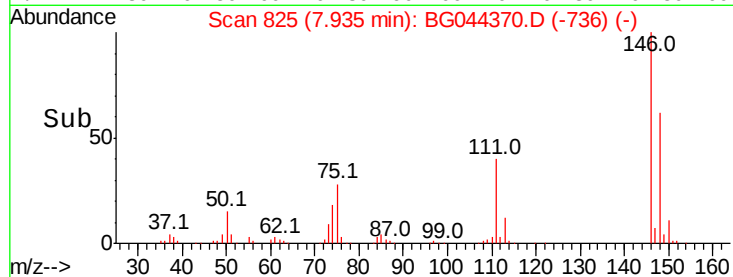
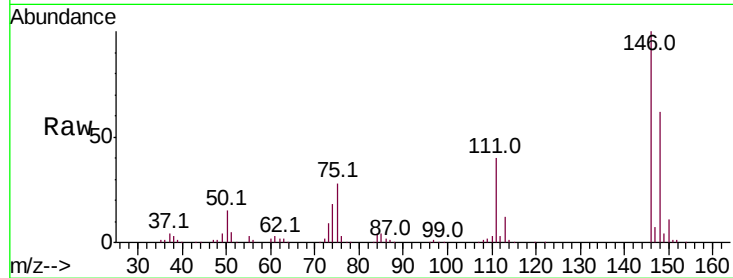
#13
 1,4-Dichlorobenzene
 Concen: 41.884 ng
 RT: 7.93 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.0
111	39.7	31.8	47.8

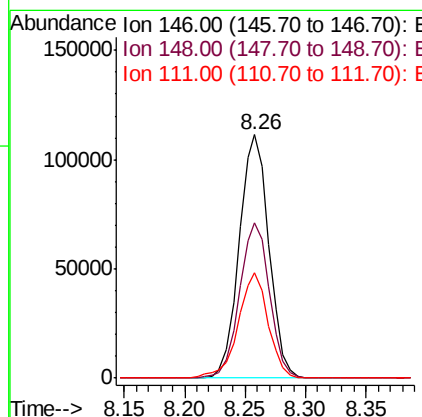
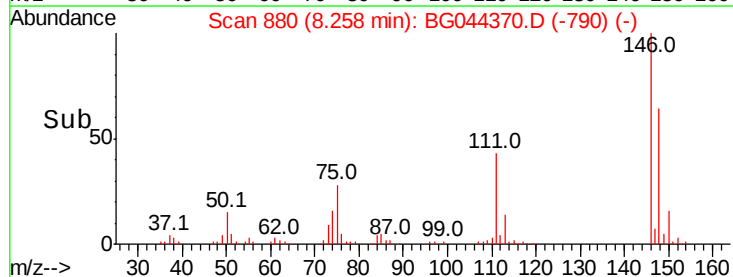
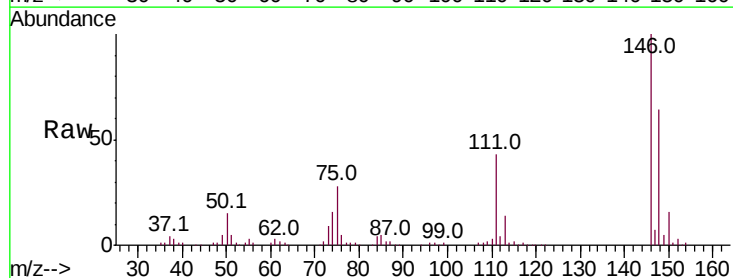
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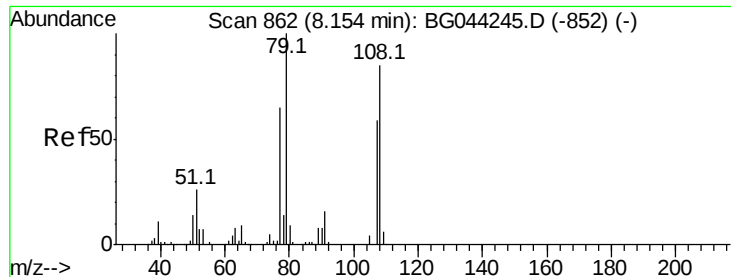
mohammad
 2/12/2020 9:49:49 AM



#14
 1,2-Dichlorobenzene
 Concen: 42.599 ng
 RT: 8.26 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	43.3	34.0	51.0





#15

Benzyl Alcohol

Concen: 35.188 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

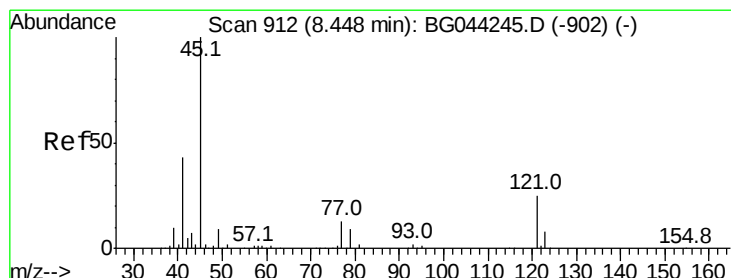
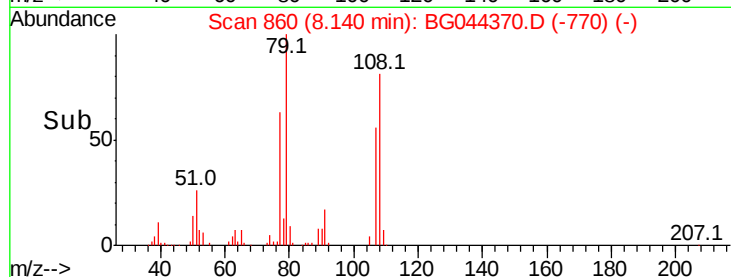
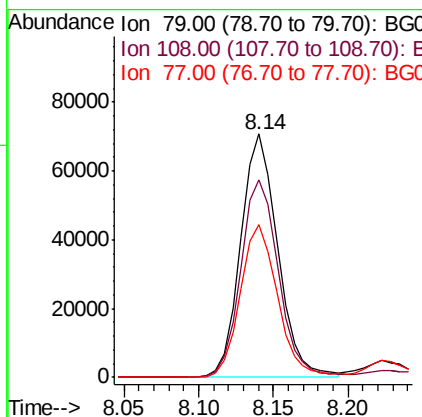
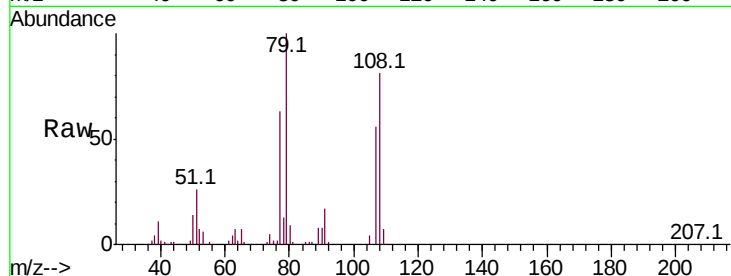
ClientSampleId :

PB126703BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.4	68.3	102.5
77	62.8	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.016 ng

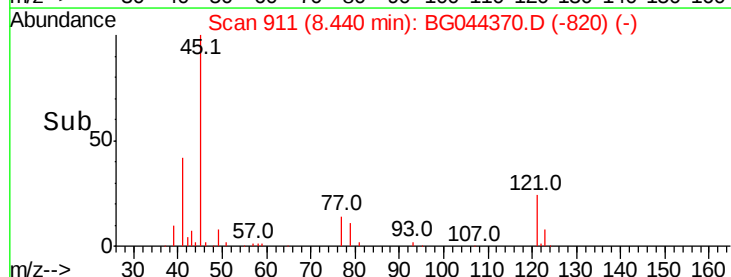
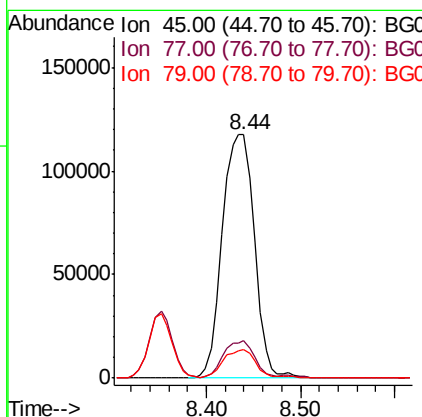
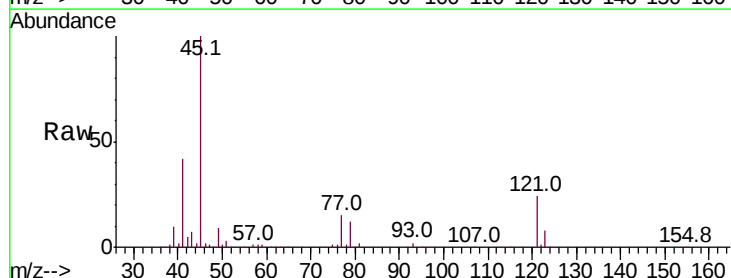
RT: 8.44 min Scan# 911

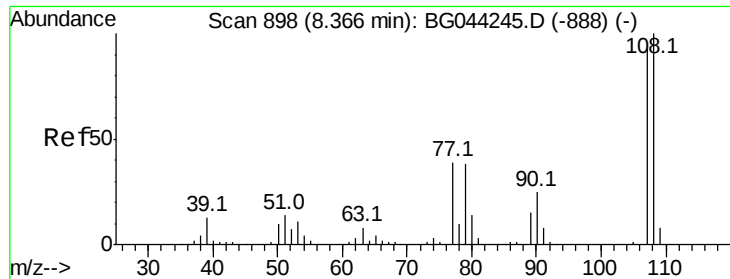
Delta R.T. 0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.2
79	11.7	0.0	31.1





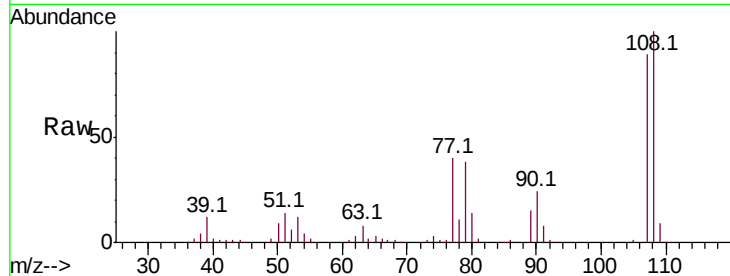
#17
2-Methylphenol
Concen: 37.312 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	86.4	129.6	
77	44.7	34.0	51.0	
79	42.7	32.9	49.3	

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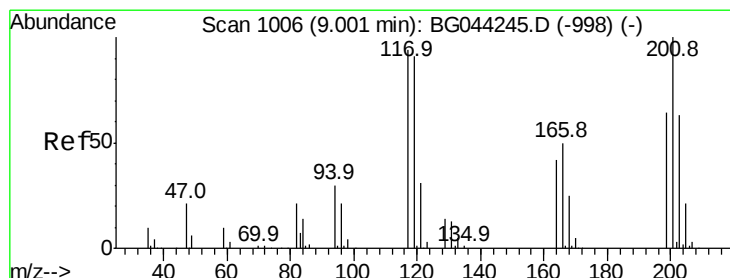
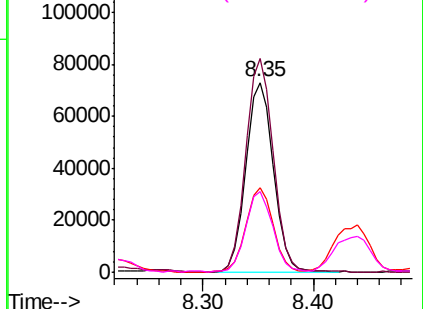
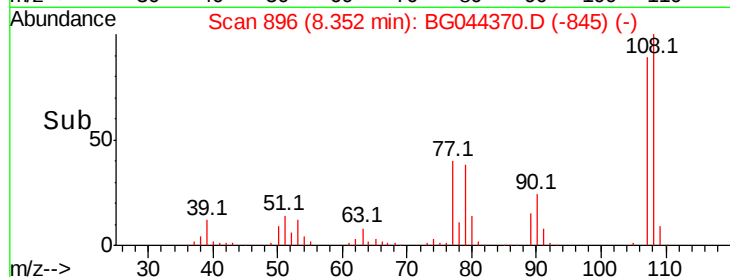
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

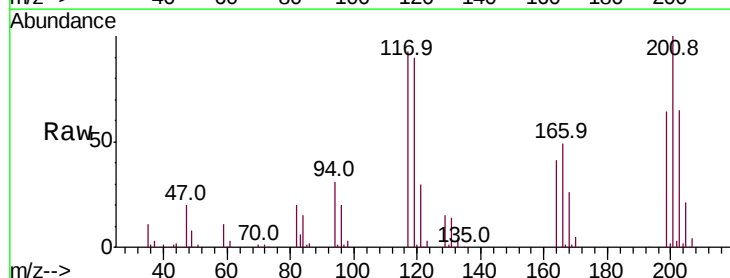
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.195 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.5	116.3	
201	107.7	84.9	127.3	

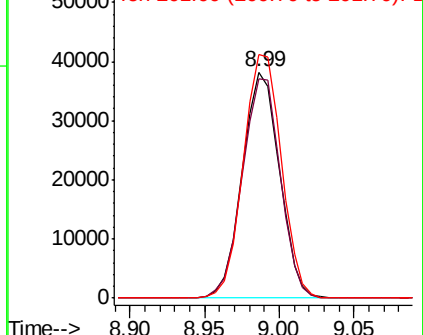
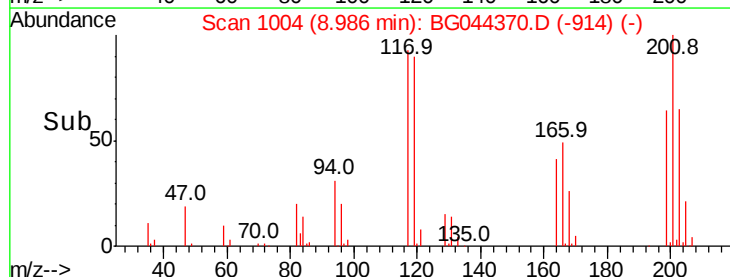


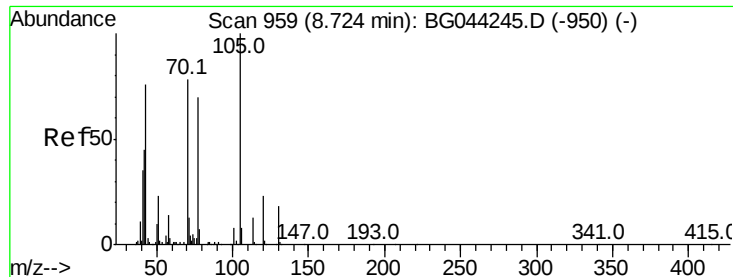
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





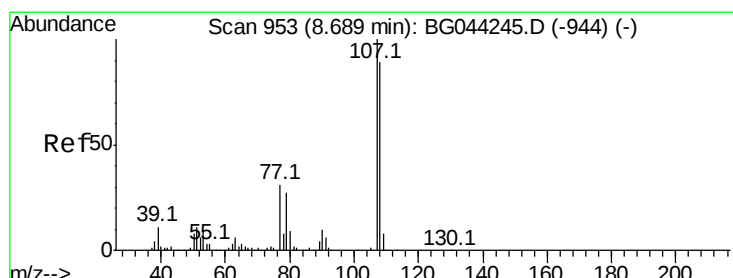
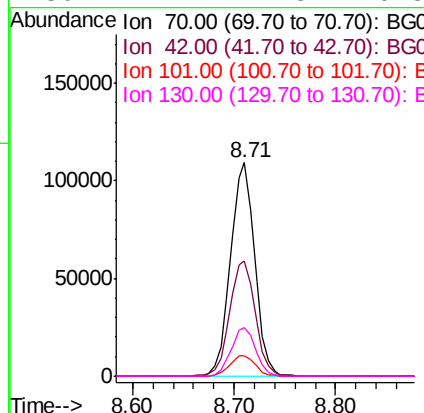
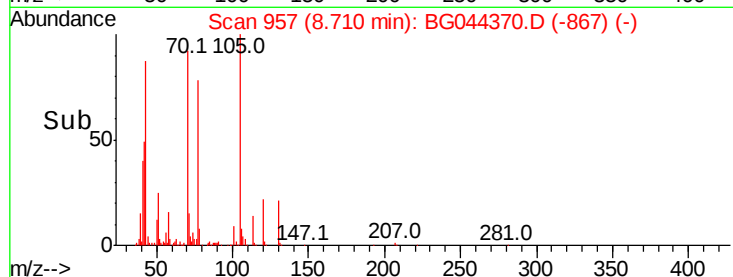
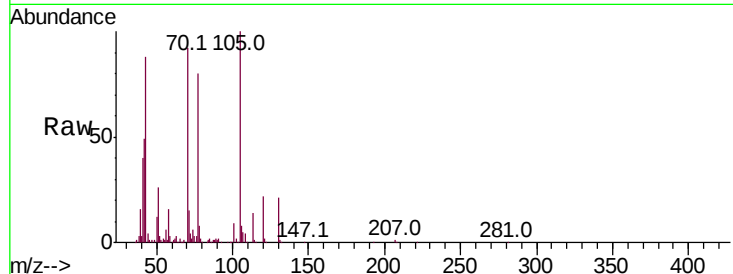
#19
n-Nitroso-di-n-propylamine
Concen: 55.378 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.0	46.2	69.2		
101	9.3	8.4	12.6		
130	22.7	17.8	26.8		

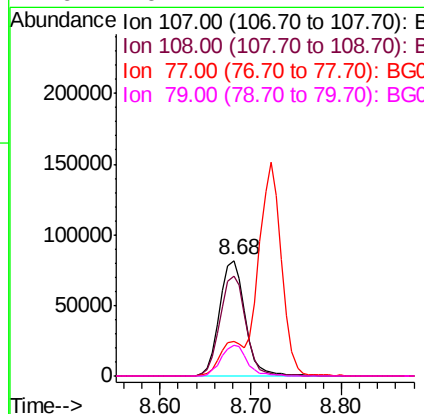
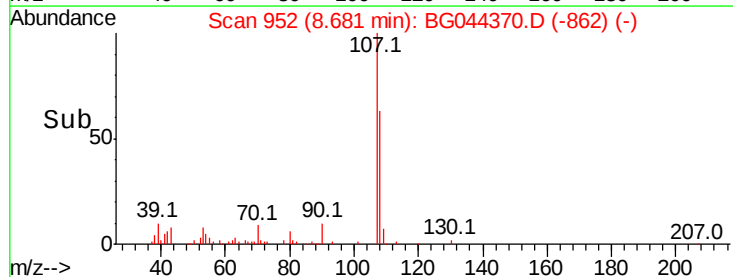
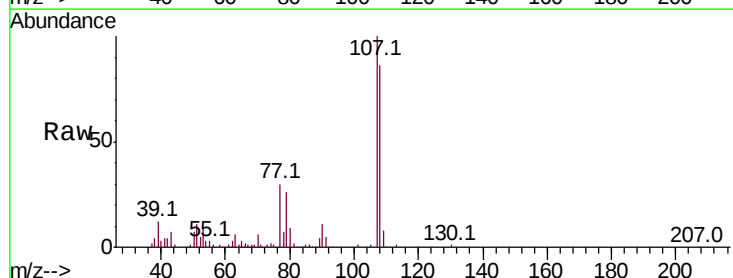
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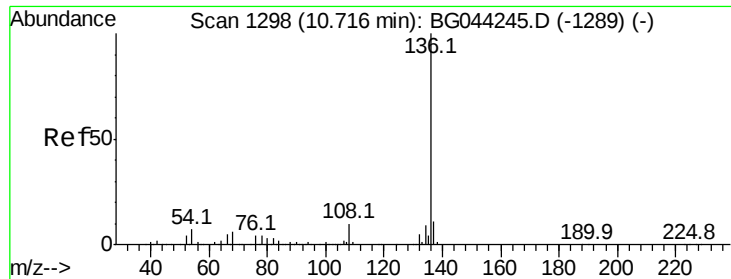
mohammad
2/12/2020 9:49:49 AM



#20
3+4-Methylphenols
Concen: 33.524 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.2	68.5	108.5		
77	30.0	10.9	50.9		
79	26.2	7.1	47.1		





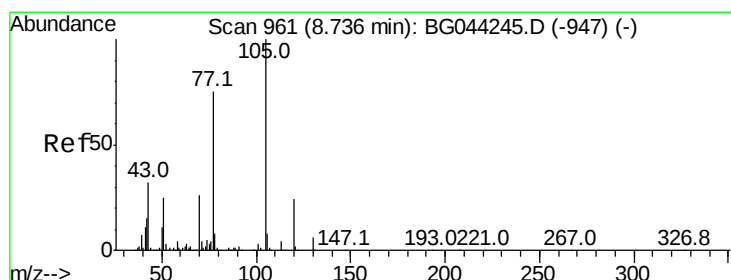
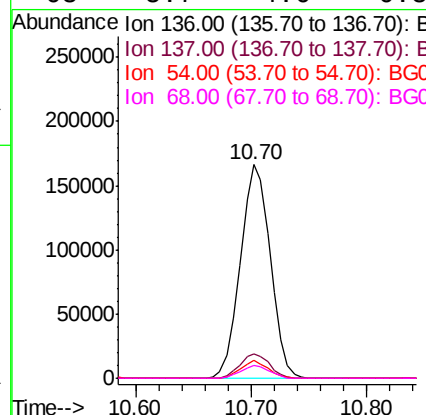
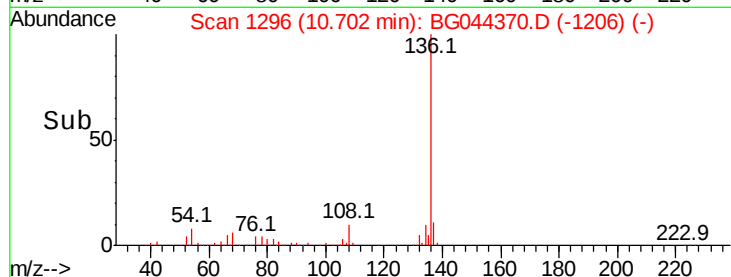
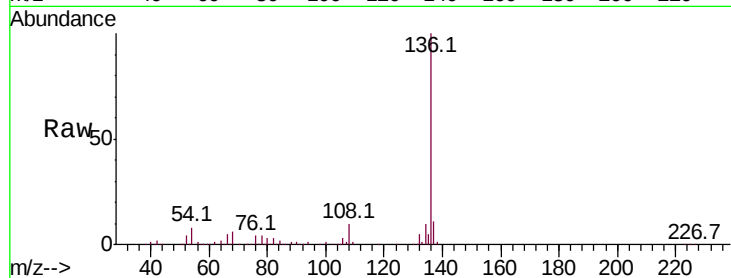
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	297605		
137	11.3	8.8	13.2	
54	8.4	5.8	8.8	
68	5.7	4.6	6.8	

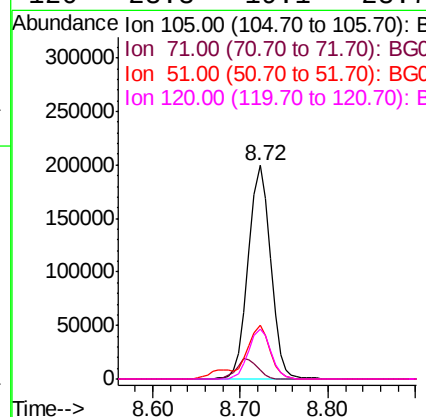
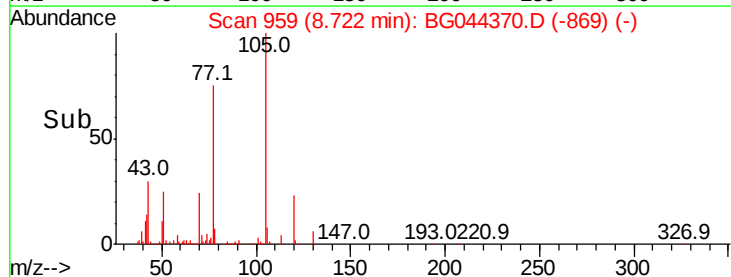
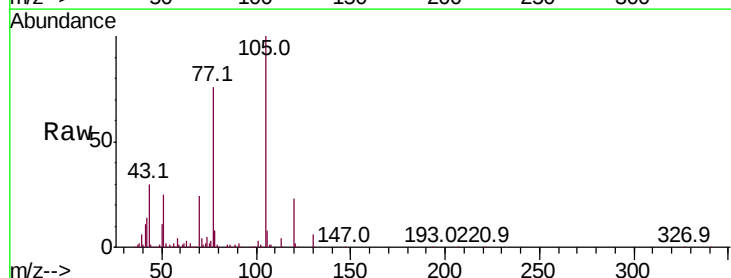
Manual Integrations
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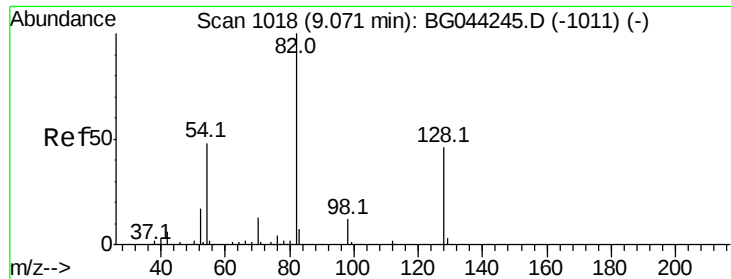
mohammad
2/12/2020 9:49:49 AM



#22
Acetophenone
Concen: 47.363 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342897		
71	4.0	3.4	5.0	
51	25.0	20.2	30.4	
120	23.3	19.1	28.7	





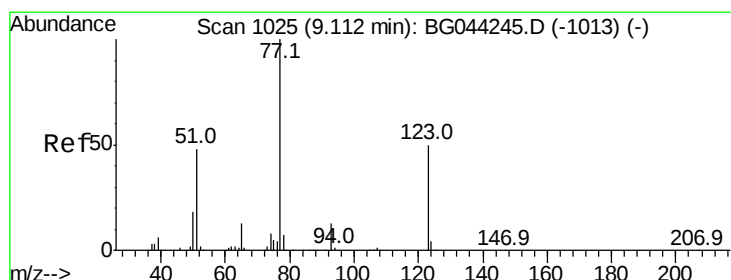
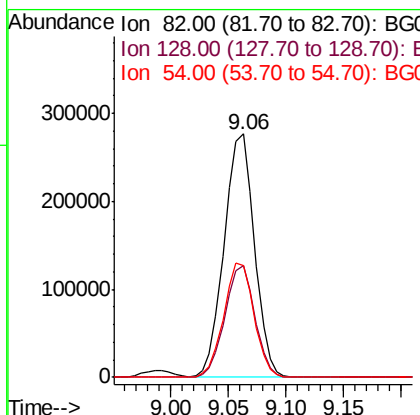
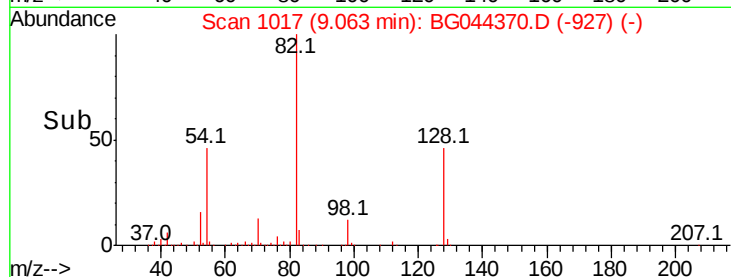
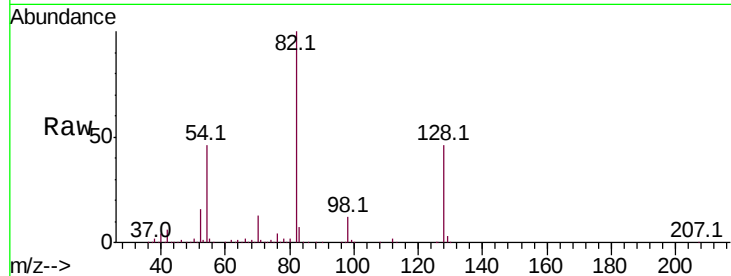
#23
Nitrobenzene-d5
Concen: 95.521 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	36.5	54.7	
54	46.1	38.6	58.0	

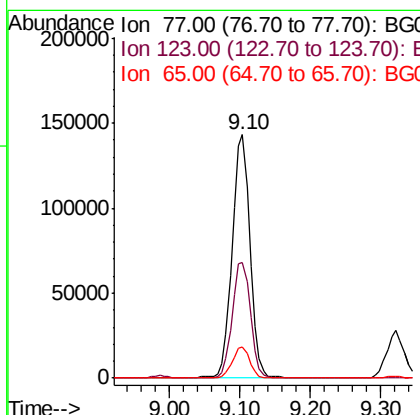
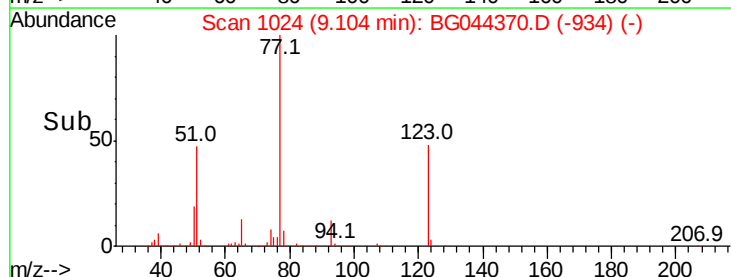
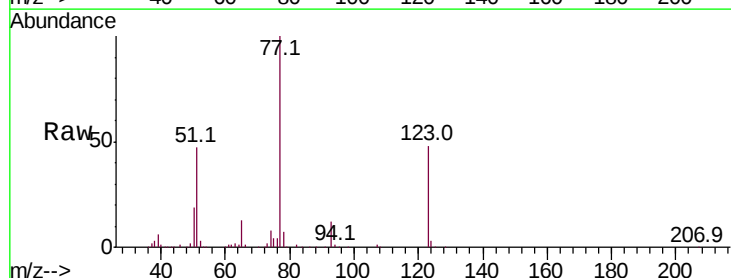
Manual Integrations
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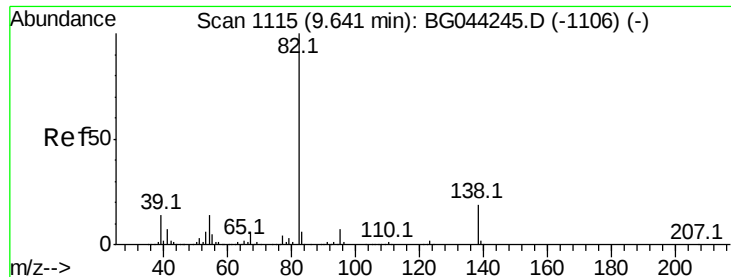
mohammad
2/12/2020 9:49:49 AM



#24
Nitrobenzene
Concen: 48.917 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.6	39.9	59.9	
65	12.7	10.4	15.6	





#25

Isophorone

Concen: 52.213 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

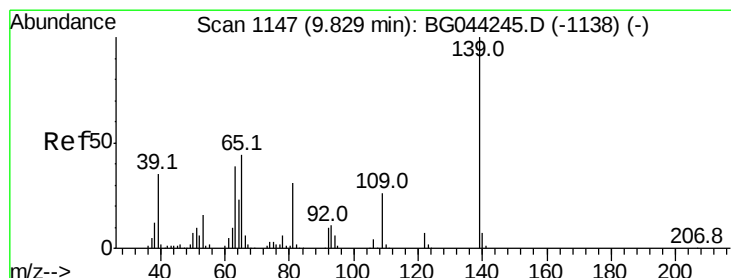
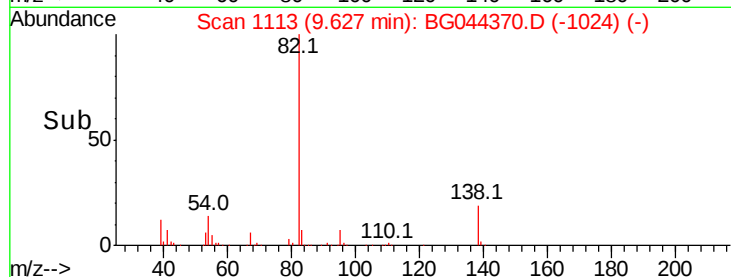
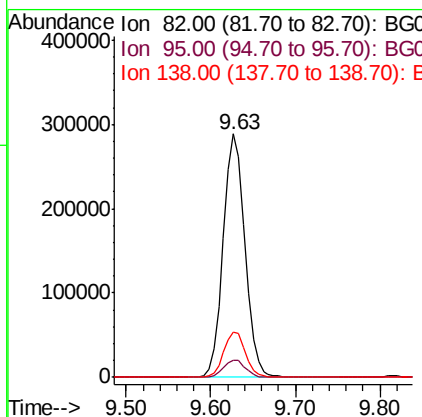
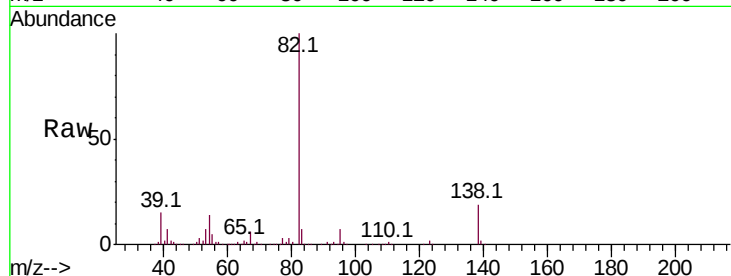
ClientSampleId :

PB126703BS

Tot Ion:	82	Resp:	513004
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	18.7	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.365 ng

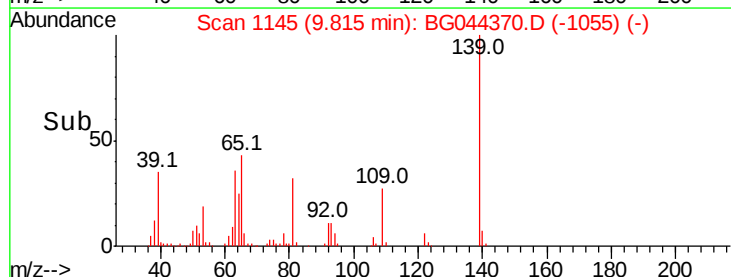
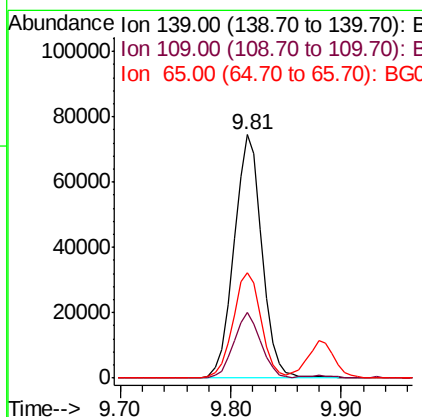
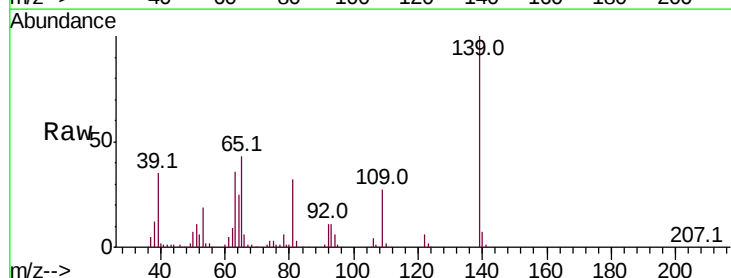
RT: 9.81 min Scan# 1145

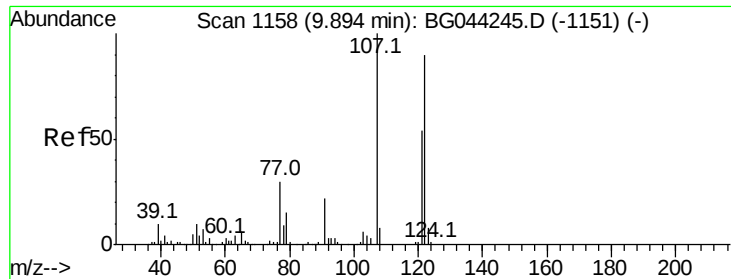
Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:	139	Resp:	131819
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.0	31.4
65	43.1	35.0	52.4





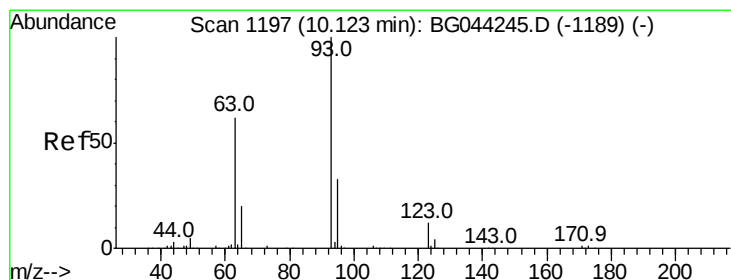
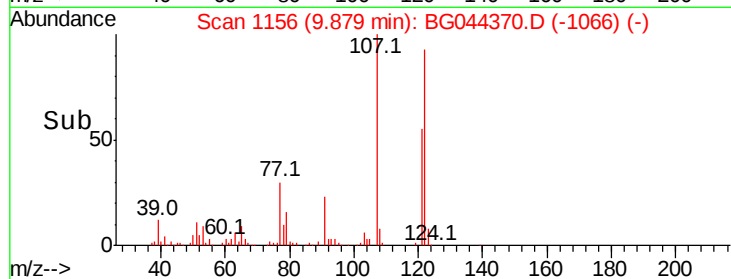
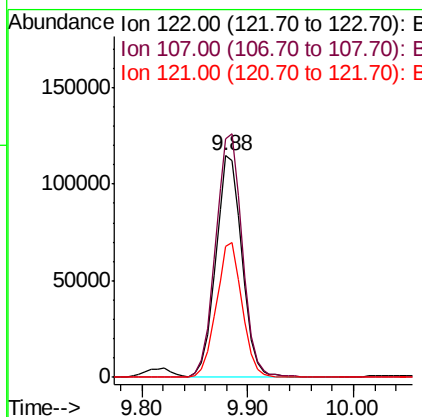
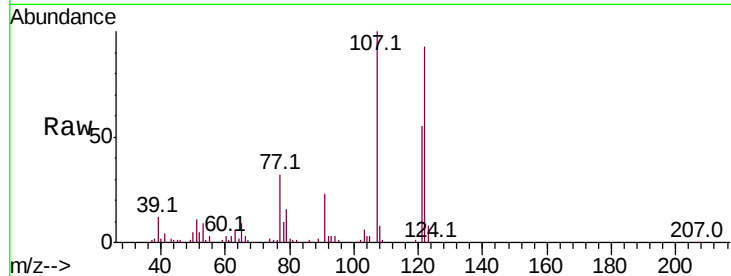
#27
2,4-Dimethylphenol
Concen: 52.719 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	198719		
107	107.6	88.8	133.2	
121	59.1	48.3	72.5	

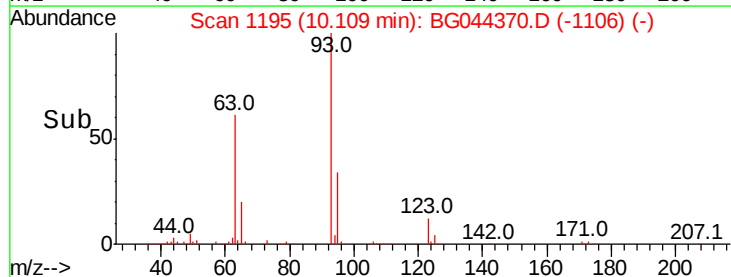
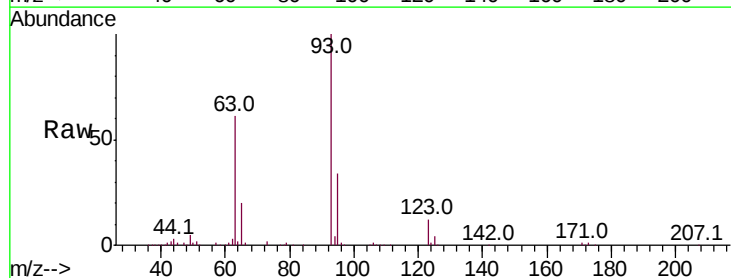
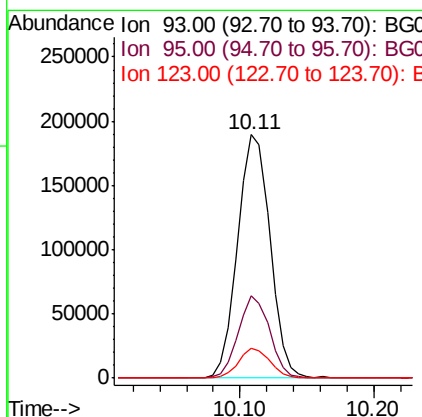
Manual Integrations
APPROVED

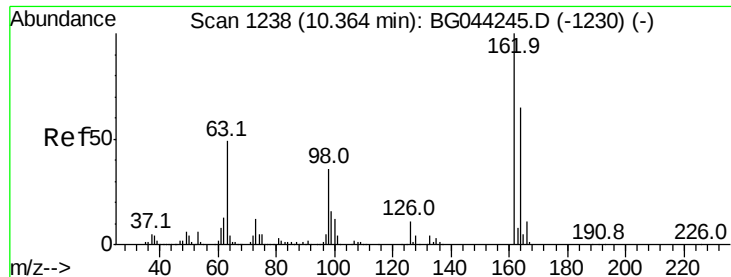
mohammad
2/12/2020 9:49:49 AM



#28
bis(2-Chloroethoxy)methane
Concen: 48.791 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	319794		
95	33.7	26.6	40.0	
123	12.4	10.0	15.0	





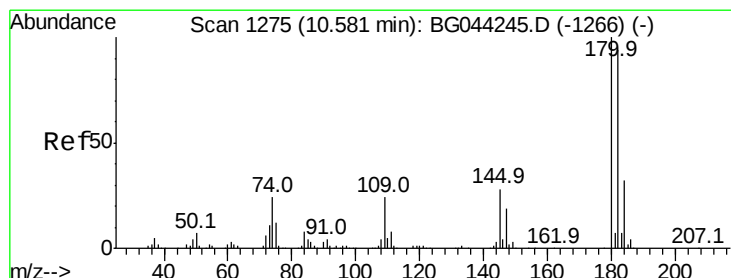
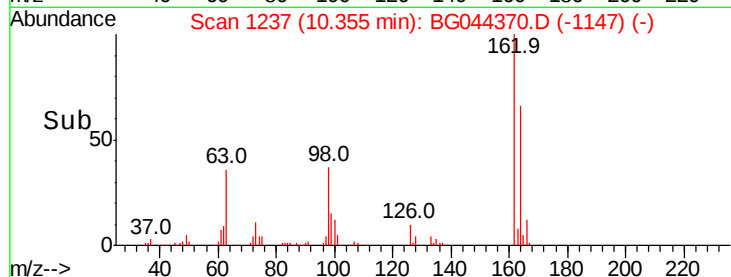
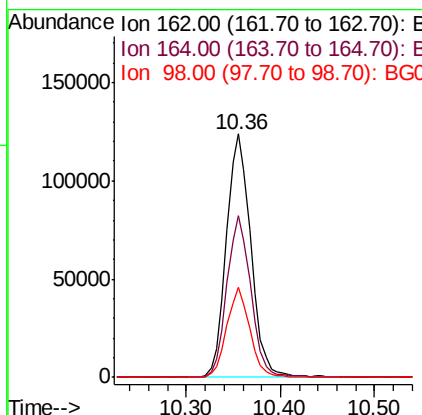
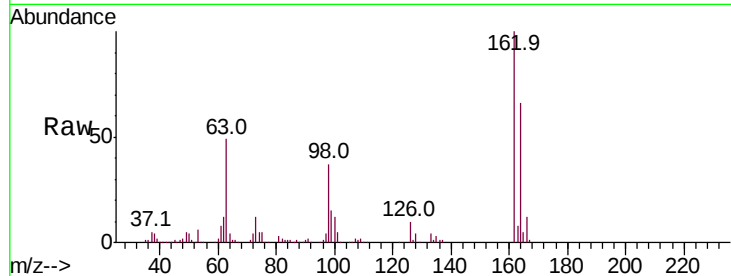
#29
2,4-Dichlorophenol
Concen: 49.234 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.5	44.7	84.7
98	36.9	15.8	55.8

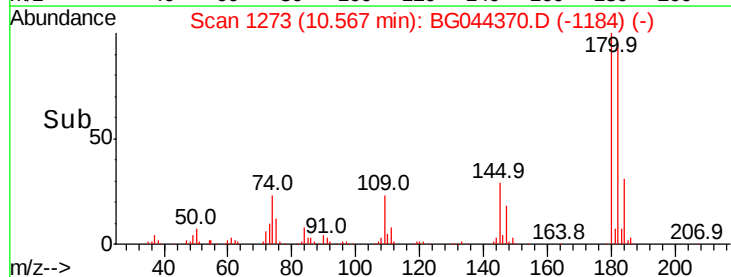
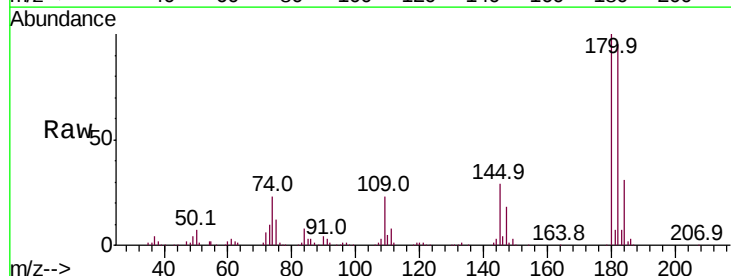
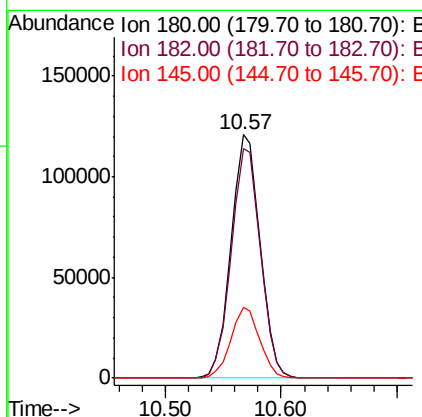
Manual Integrations
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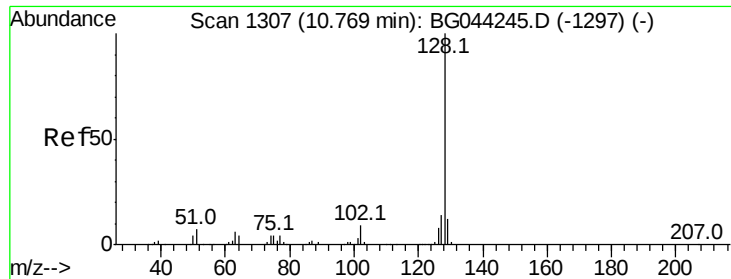
mohammad
2/12/2020 9:49:49 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.310 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	75.5	113.3
145	29.1	22.6	34.0





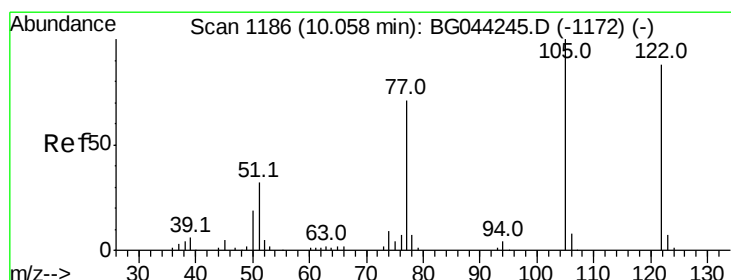
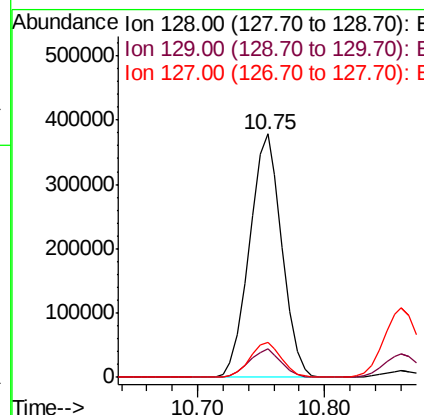
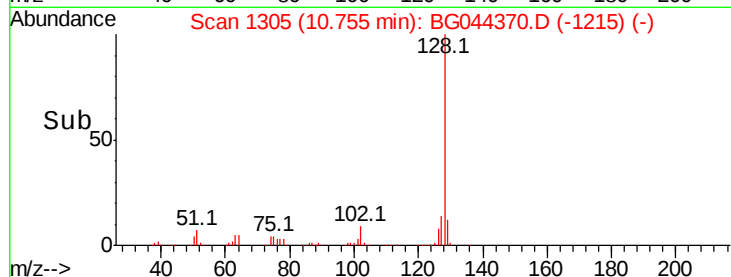
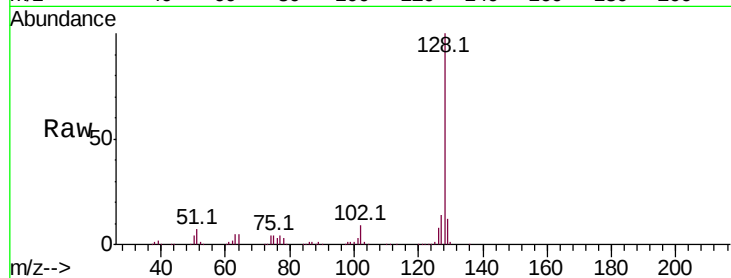
#31
Naphthalene
Concen: 46.269 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.3	11.6	17.4

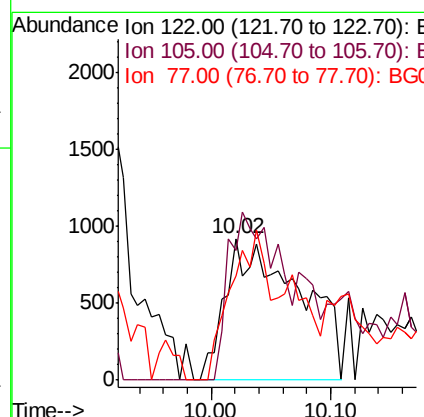
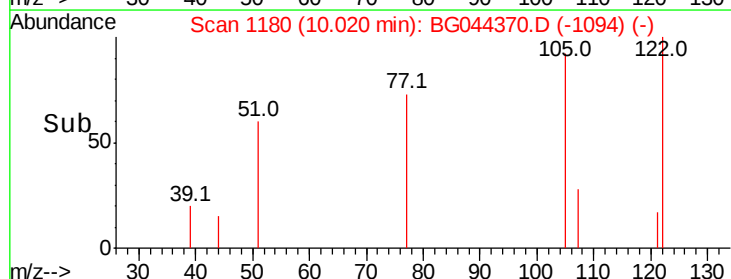
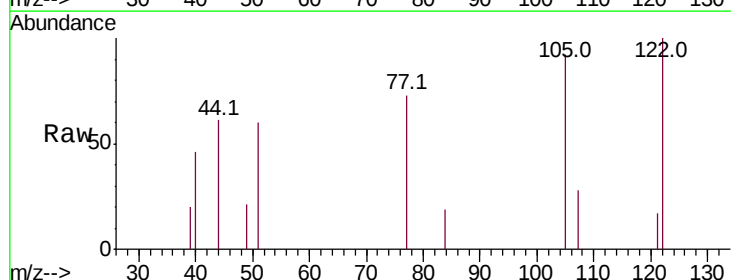
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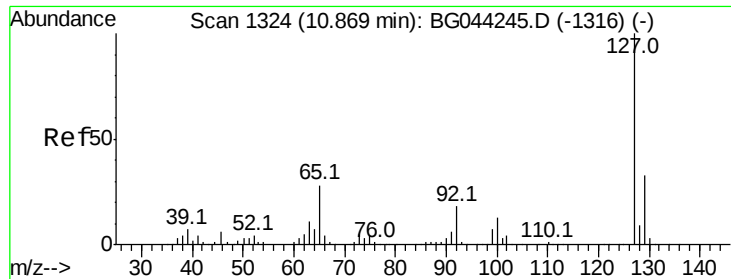
mohammad
2/12/2020 9:49:49 AM



#32
Benzoic acid
Concen: 15.292 ng m
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	91.5	93.5	133.5#
77	73.4	61.0	101.0





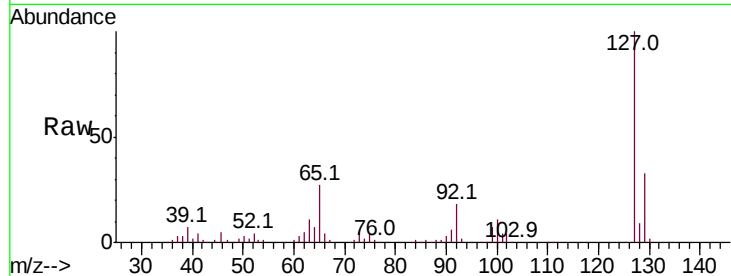
#33
4-Chloroaniline
Concen: 32.457 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.6	40.0		
65	26.8	22.5	33.7		
92	18.1	14.1	21.1		

Manual Integrations
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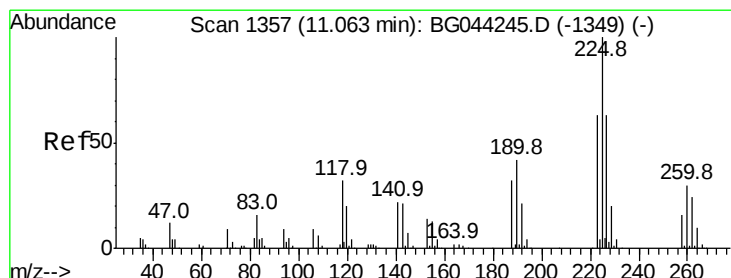
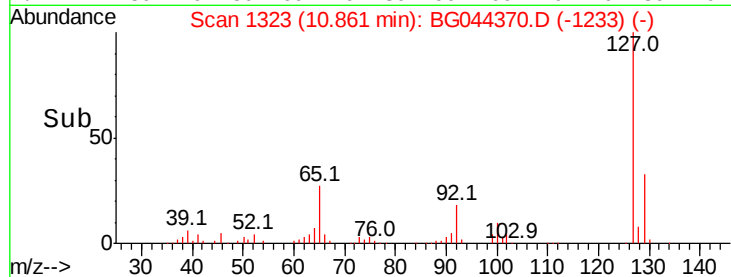
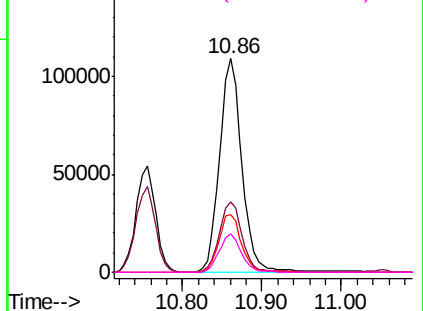
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.158 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

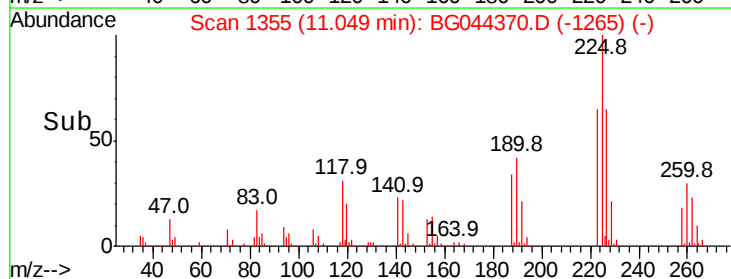
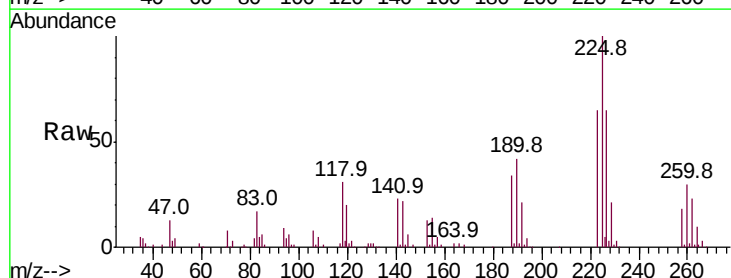
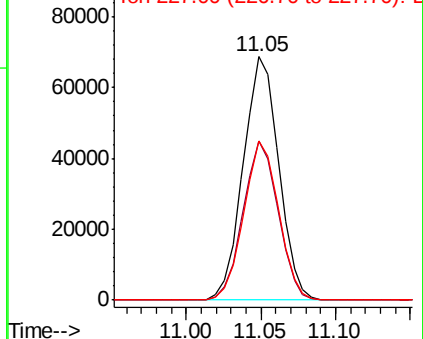
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	50.2	75.4		
227	65.5	50.8	76.2		

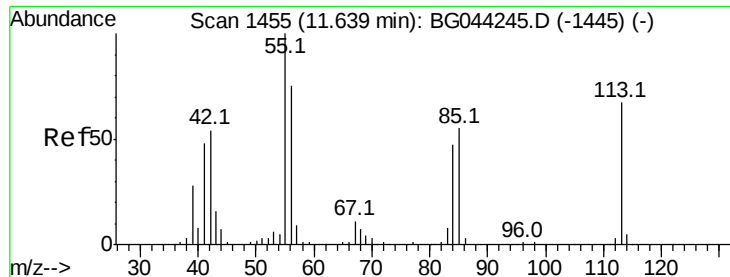
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





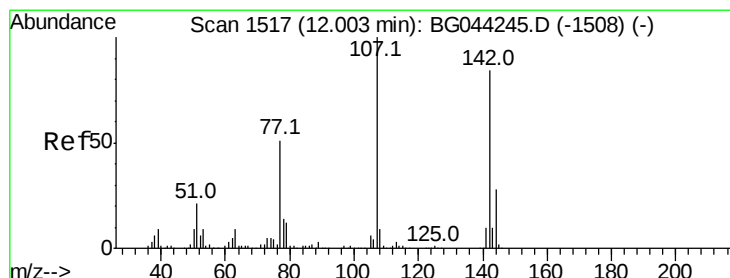
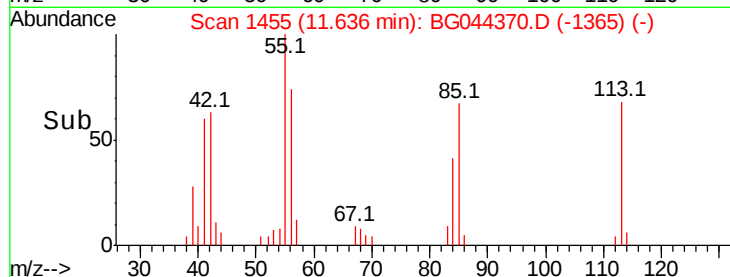
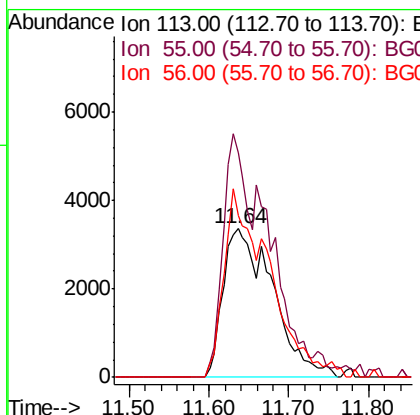
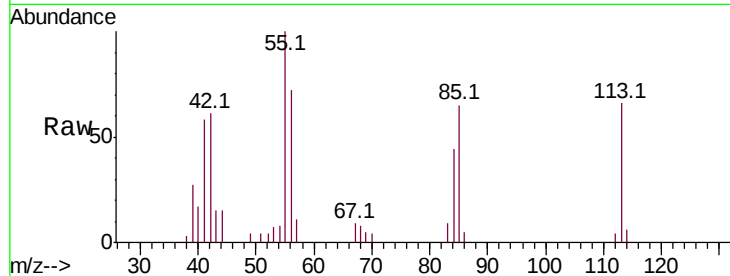
#35
 Caprolactam
 Concen: 8.670 ng/ml
 RT: 11.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleID :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.9	129.9	169.9
56	108.7	92.5	132.5

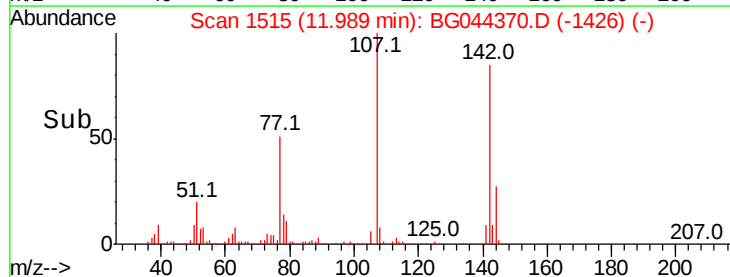
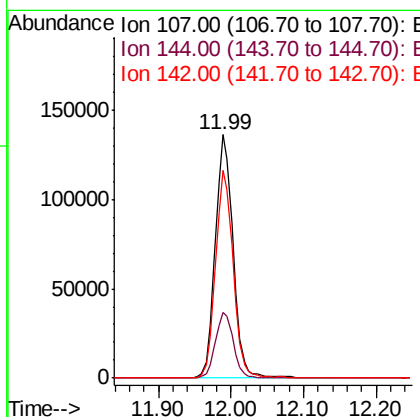
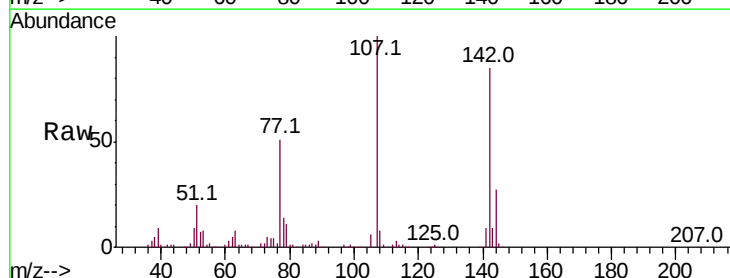
Manual Integrations
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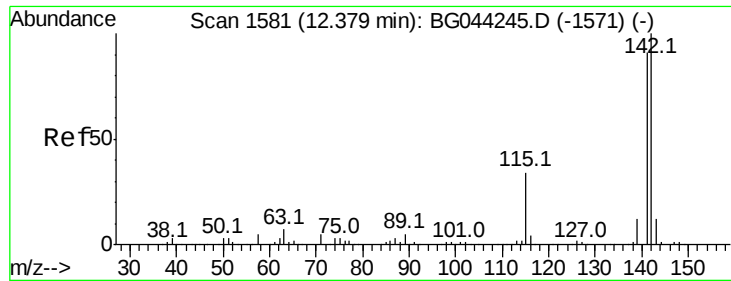
mohammad
 2/12/2020 9:49:49 AM



#36
 4-Chloro-3-methylphenol
 Concen: 48.787 ng/ml
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	22.2	33.4
142	85.4	67.4	101.0





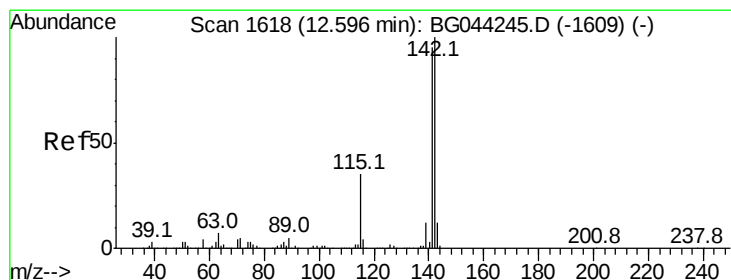
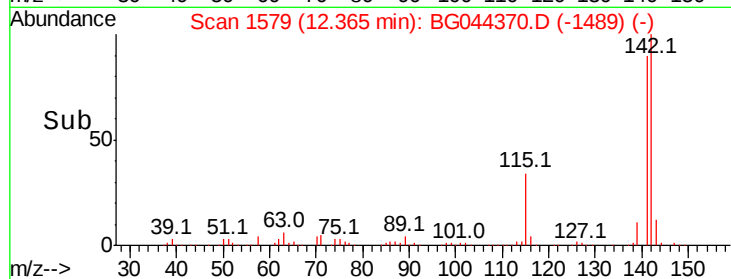
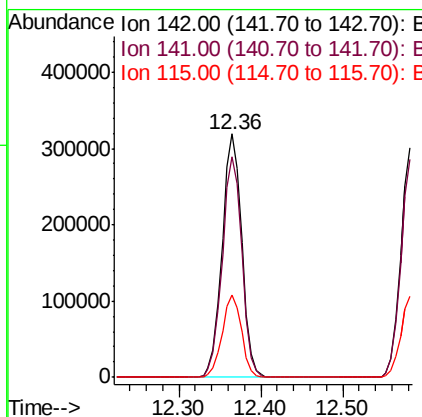
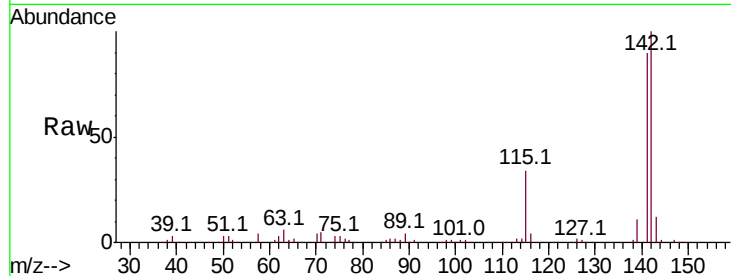
#37
 2-Methylnaphthalene
 Concen: 49.668 ng
 RT: 12.36 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
115	34.0	27.1	40.7

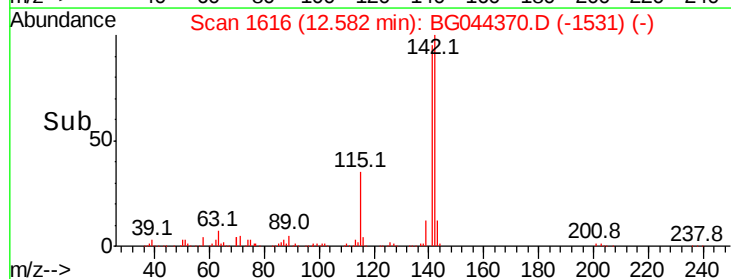
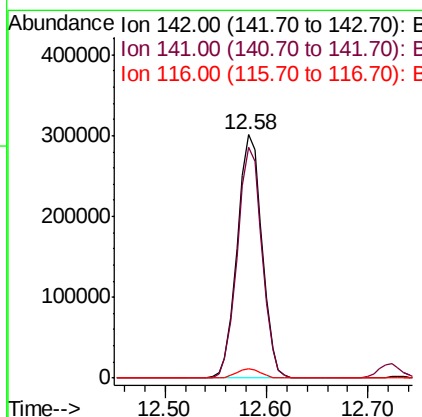
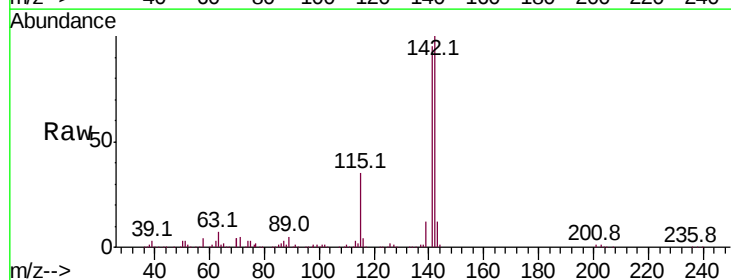
Manual Integrations
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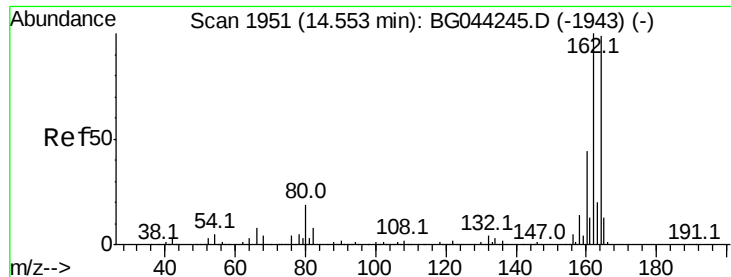
mohammad
 2/12/2020 9:49:49 AM



#38
 1-Methylnaphthalene
 Concen: 50.556 ng
 RT: 12.58 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.8	113.6
116	3.8	3.1	4.7





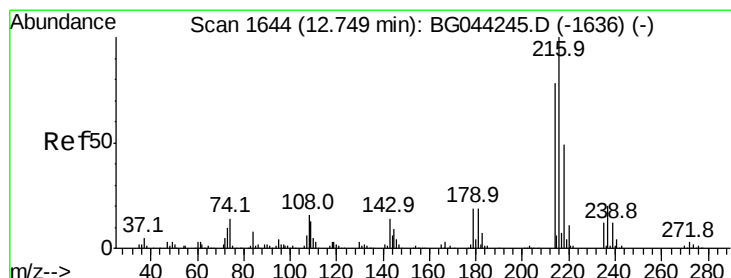
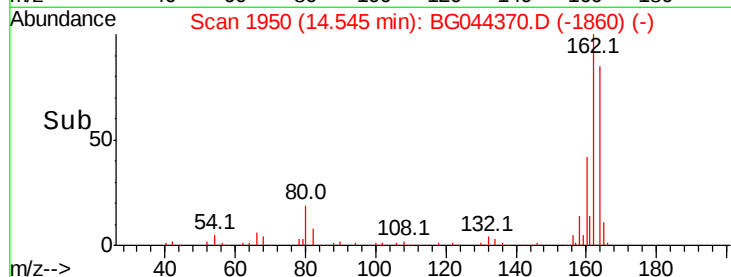
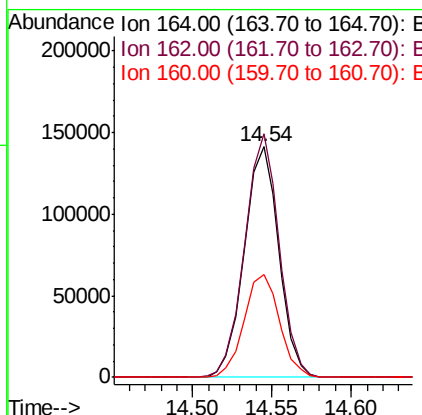
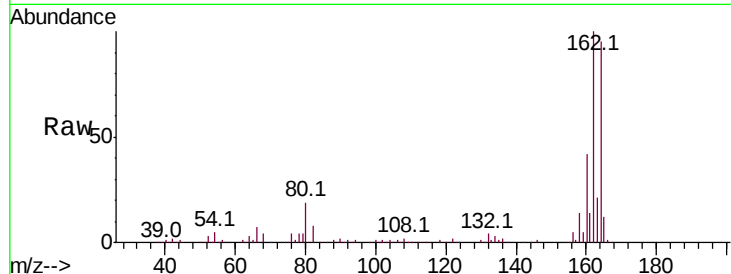
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	80.7	121.1
160	44.6	35.3	52.9

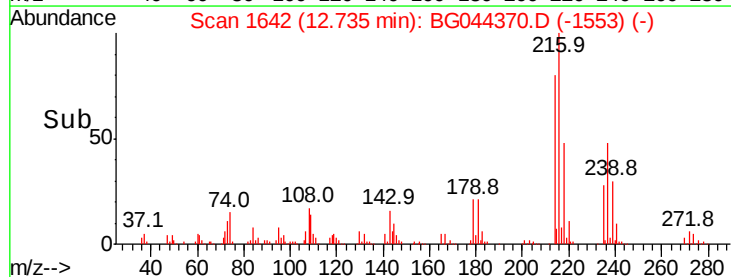
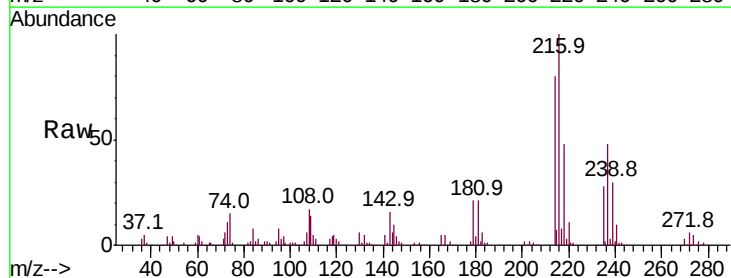
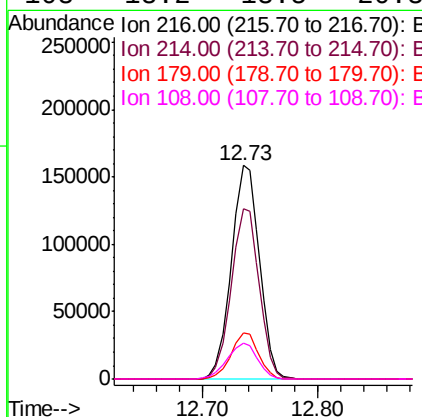
Manual Integrations
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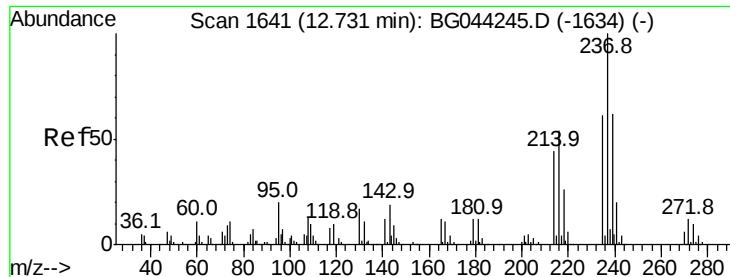
mohammad
2/12/2020 9:49:49 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.450 ng
RT: 12.73 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.6
179	20.8	16.2	24.4
108	18.2	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 80.693 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

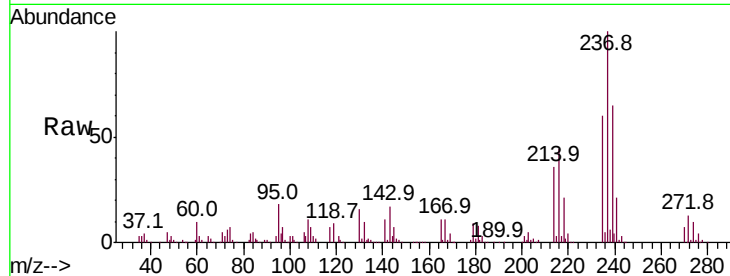
ClientSampleId :

PB126703BS

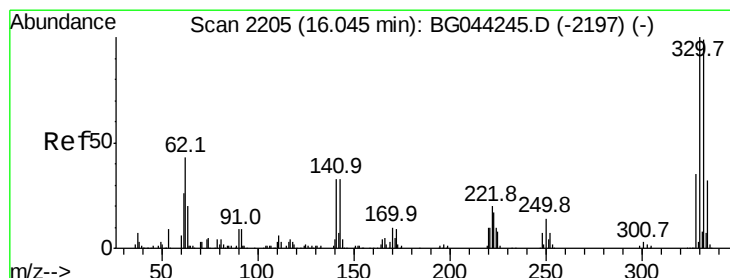
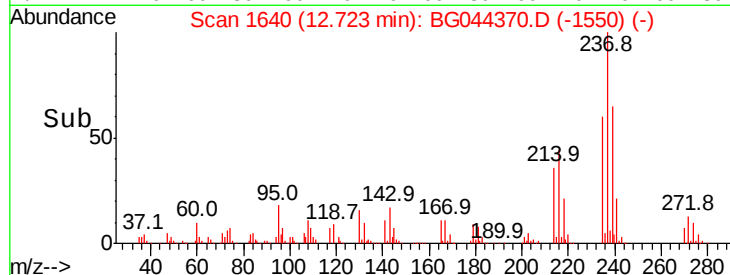
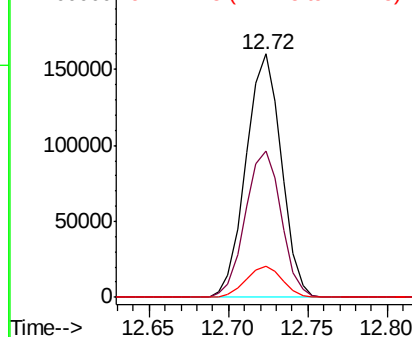
Tot Ion:	237	Resp:	248512
Ion Ratio	Lower	Upper	
237	100		
235	59.9	41.2	81.2
272	12.7	0.0	32.4

Manual Integrations
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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: 104.569 ng

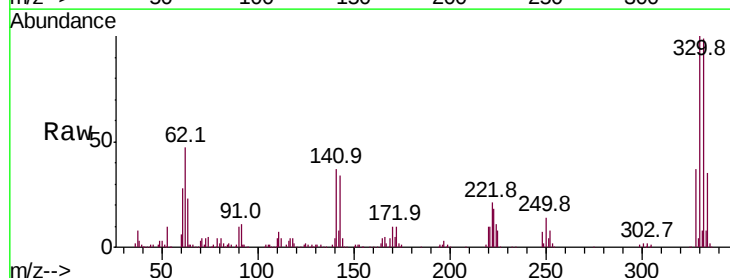
RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

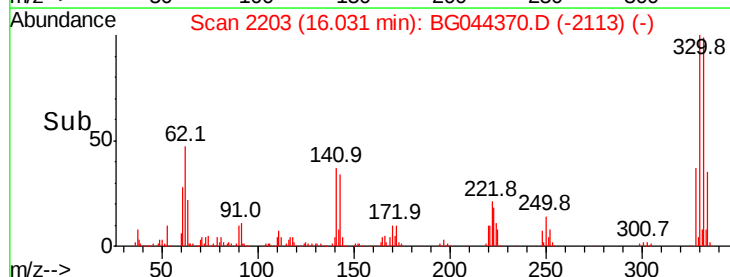
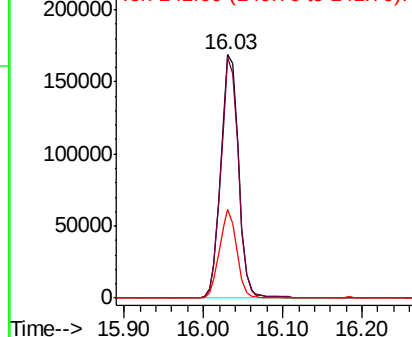
Lab File: BG044370.D

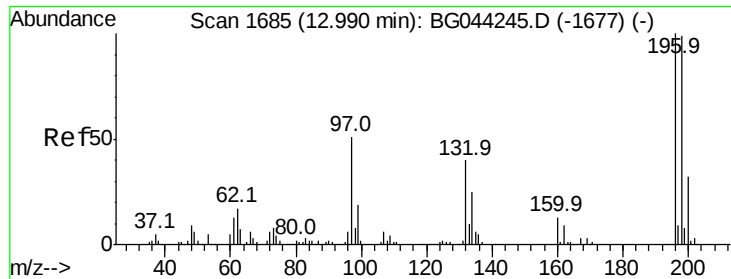
Acq: 11 Feb 2020 1:53

Tgt Ion:	330	Resp:	263396
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.2	115.8
141	35.1	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





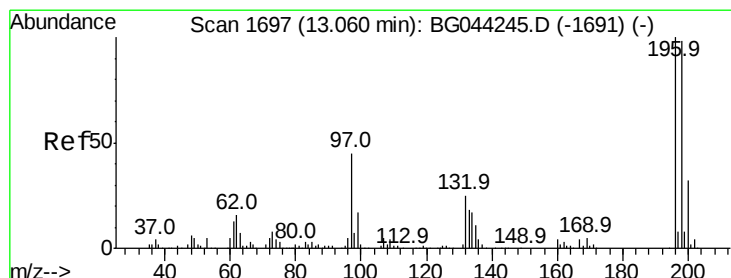
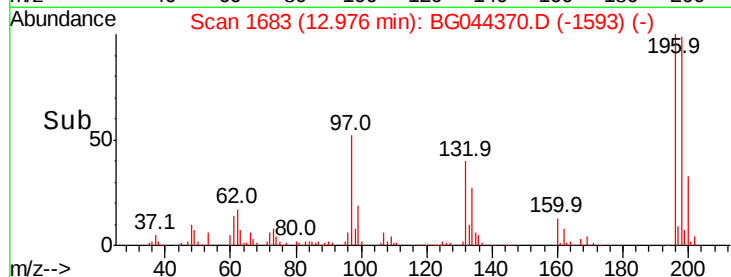
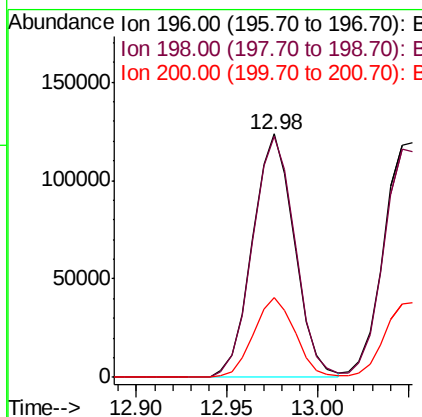
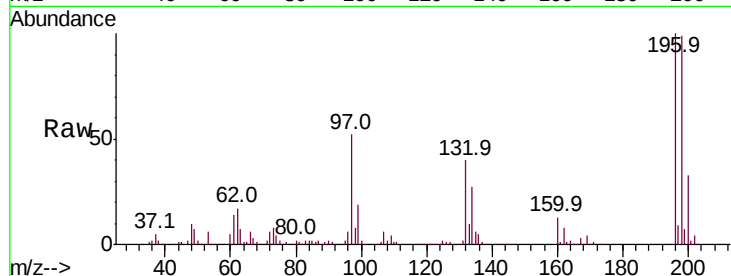
#43
 2,4,6-Trichlorophenol
 Concen: 47.841 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198477		
198	98.9	79.3	118.9	
200	32.7	25.7	38.5	

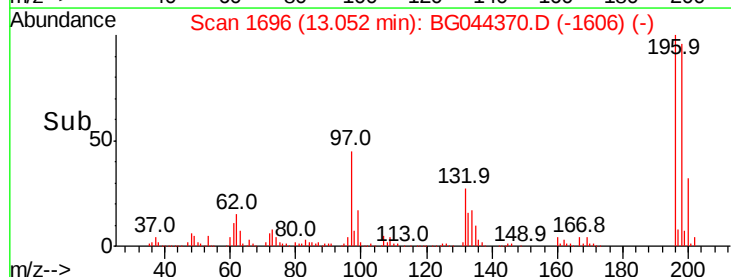
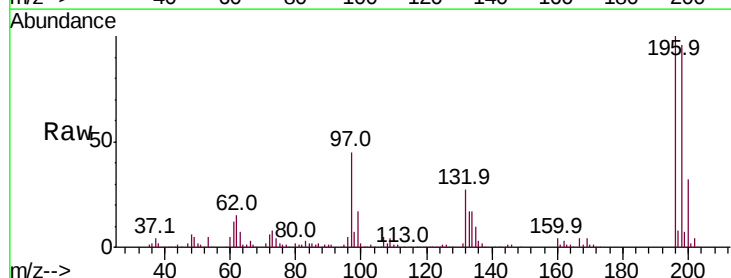
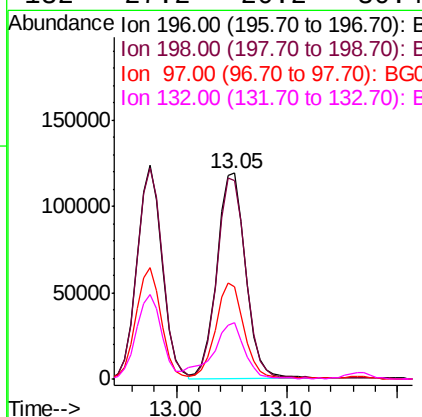
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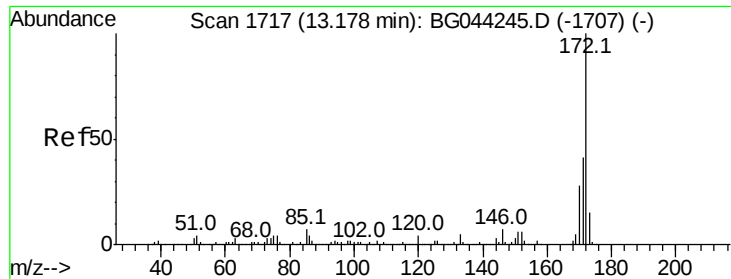
mohammad
 2/12/2020 9:49:49 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.902 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215694		
198	96.3	78.2	117.2	
97	44.5	36.2	54.4	
132	27.2	20.2	30.4	





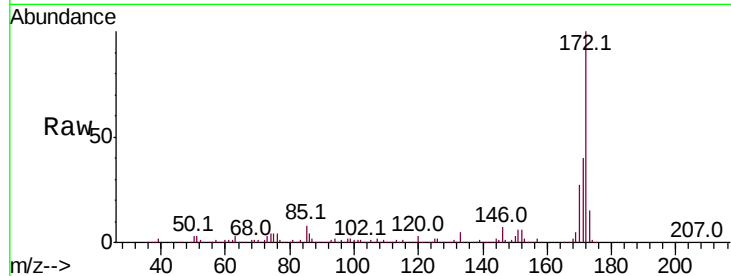
#45
2-Fluorobiphenyl
Concen: 94.137 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.9	49.3
170	27.3	22.0	33.0

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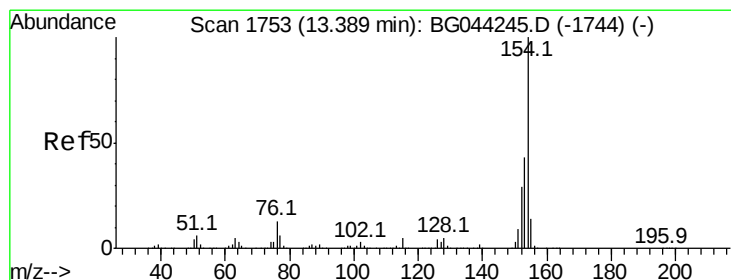
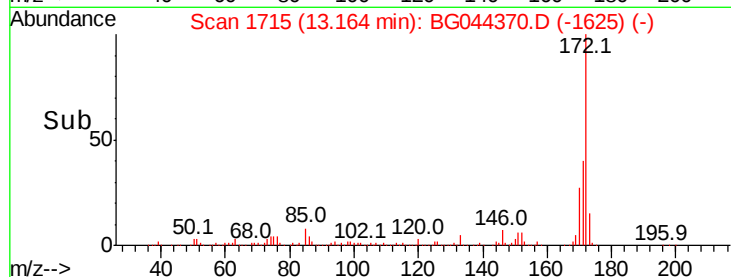
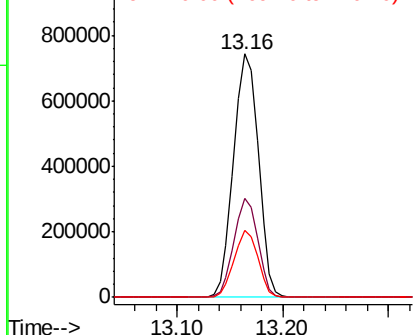


Abundance

Ion 172.00 (171.70 to 172.70): E

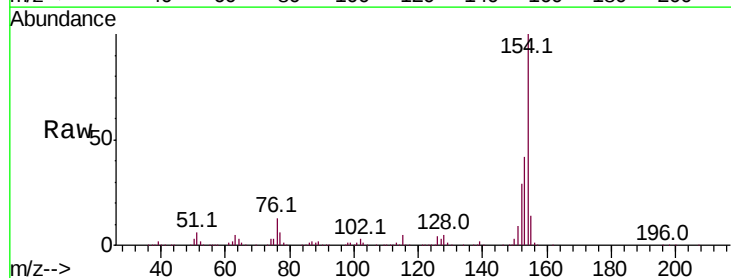
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 46.001 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	12.6	0.0	32.9

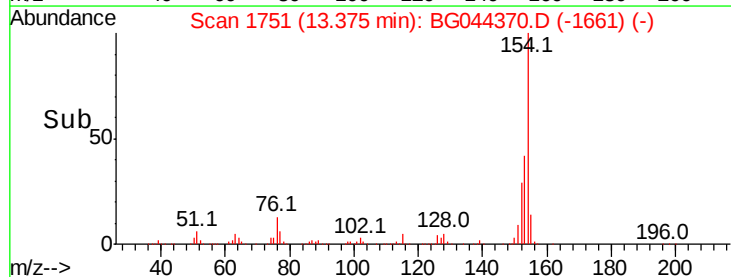
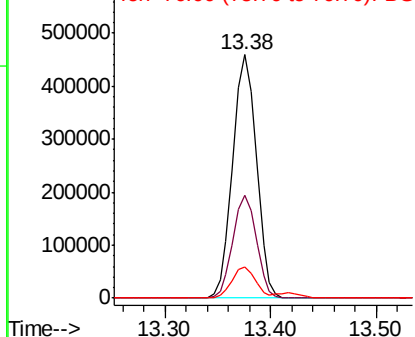


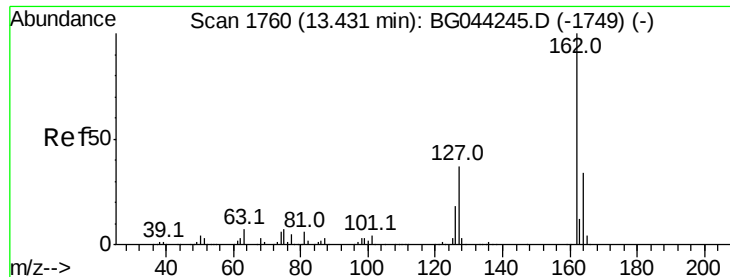
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 45.133 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

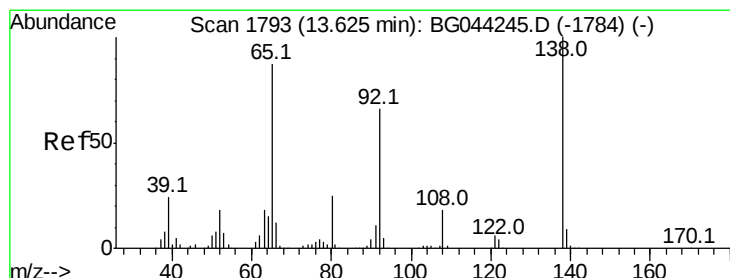
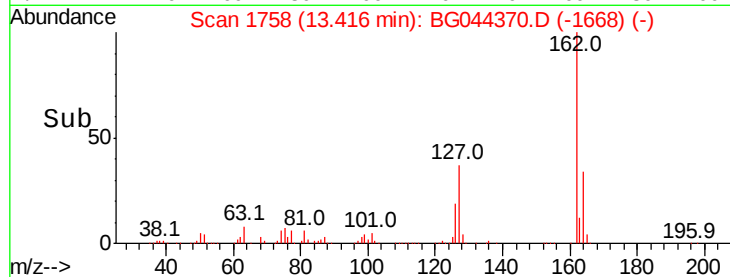
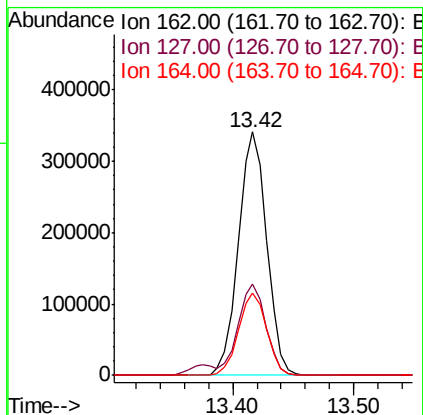
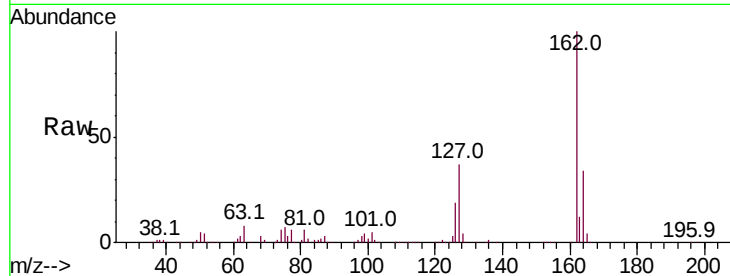
ClientSampleId :

PB126703BS

Tot Ion:	162	Resp:	555847
Ion Ratio	Lower	Upper	
162	100		
127	37.3	30.0	45.0
164	34.1	27.2	40.8

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#48

2-Nitroaniline

Concen: 48.875 ng

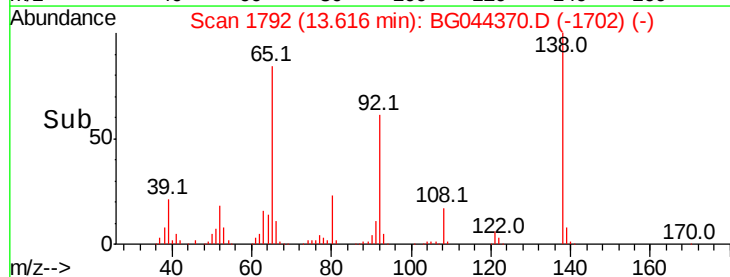
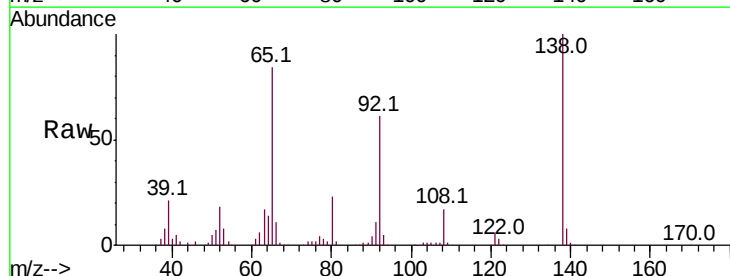
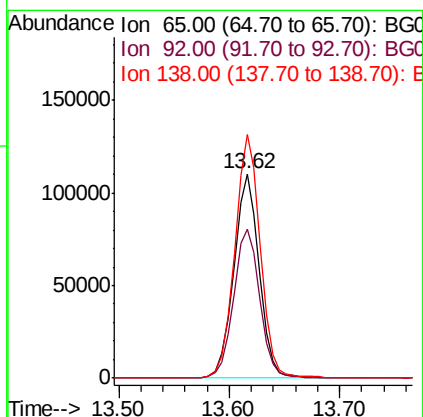
RT: 13.62 min Scan# 1792

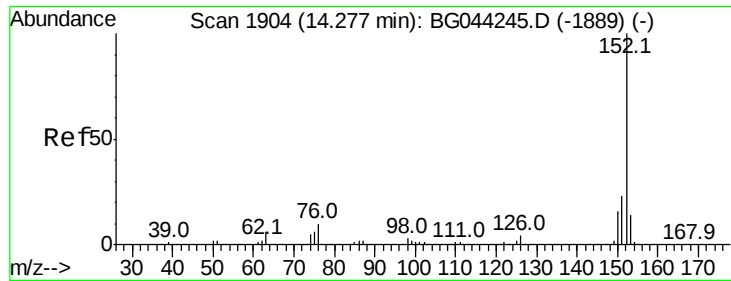
Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:	65	Resp:	177640
Ion Ratio	Lower	Upper	
65	100		
92	73.2	60.3	90.5
138	119.3	91.9	137.9





#49

Acenaphthylene

Concen: 50.628 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

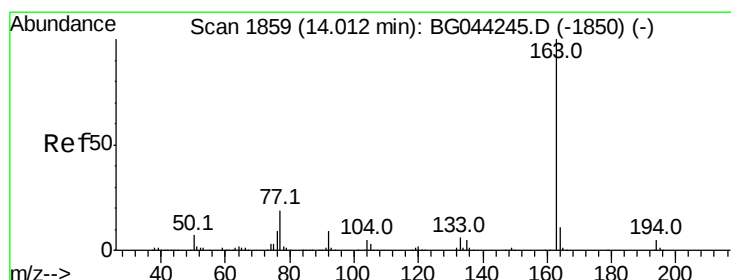
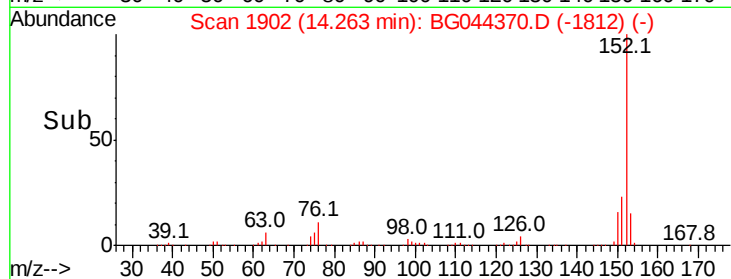
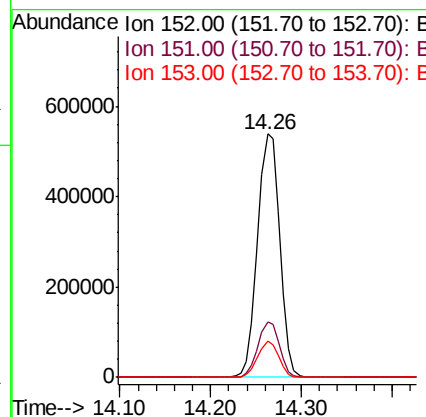
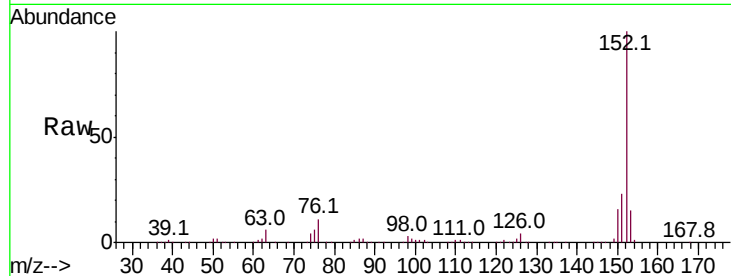
ClientSampleId :

PB126703BS

Tot Ion:	152	Resp:	914540
Ion Ratio	Lower	Upper	
152	100		
151	22.5	18.1	27.1
153	14.8	11.5	17.3

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#50

Dimethylphthalate

Concen: 50.612 ng

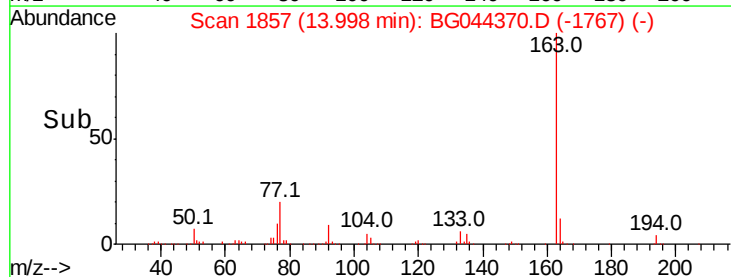
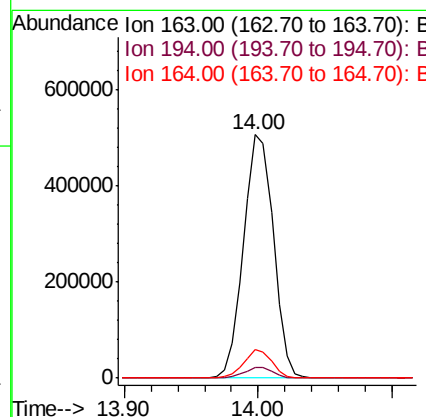
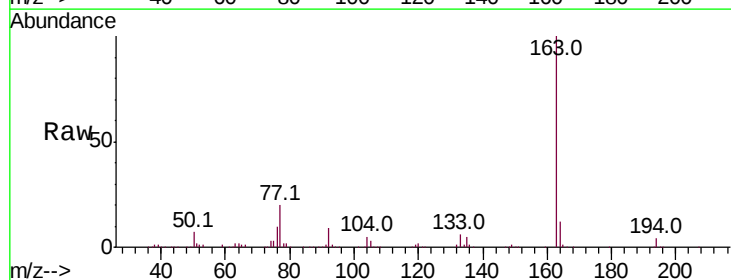
RT: 14.00 min Scan# 1857

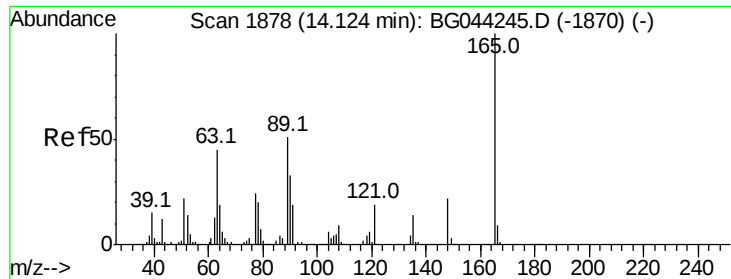
Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:	163	Resp:	780624
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	11.6	8.7	13.1





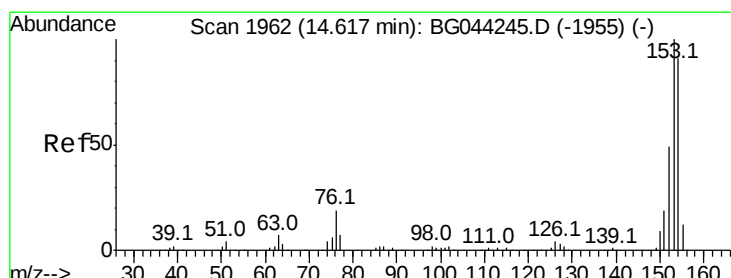
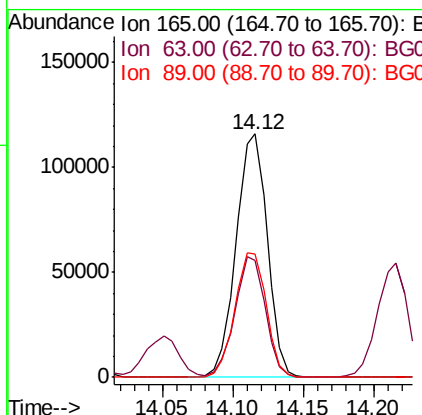
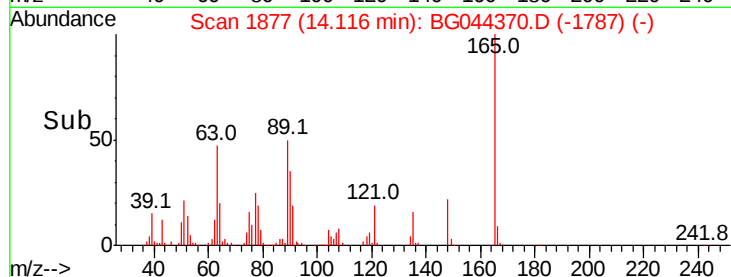
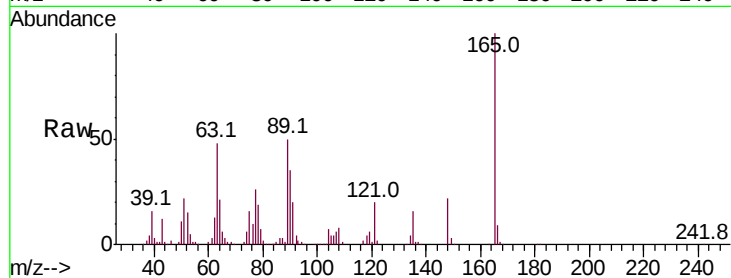
#51
2,6-Dinitrotoluene
Concen: 52.013 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178871		
63	47.8	38.7	58.1	
89	50.5	40.4	60.6	

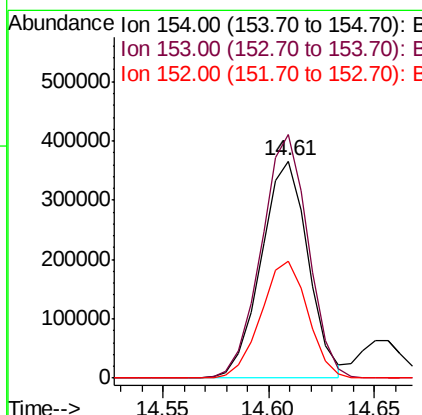
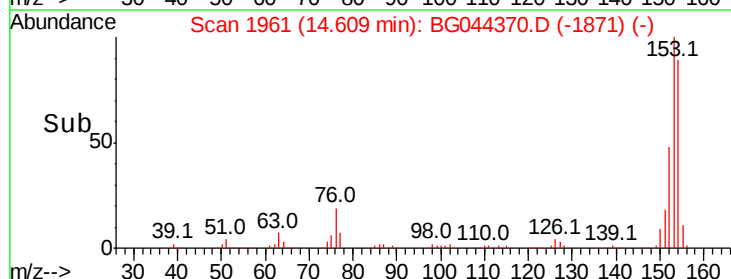
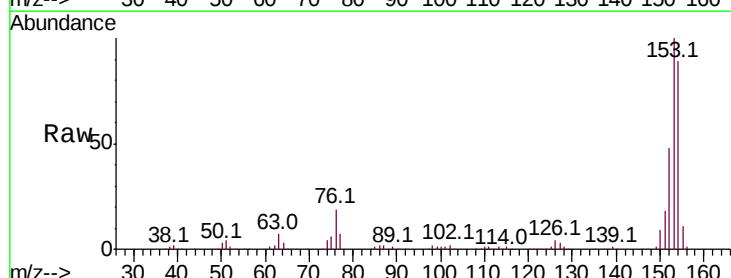
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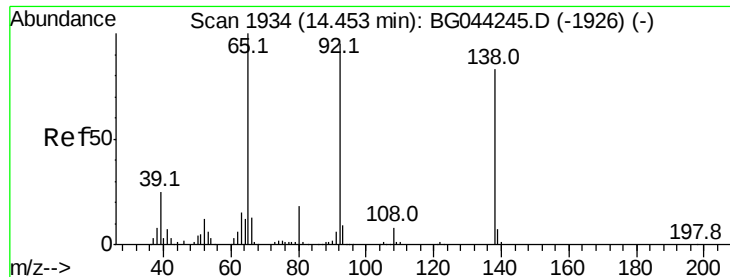
mohammad
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#52
Acenaphthene
Concen: 48.321 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	565769		
153	112.3	87.9	131.9	
152	53.9	43.1	64.7	





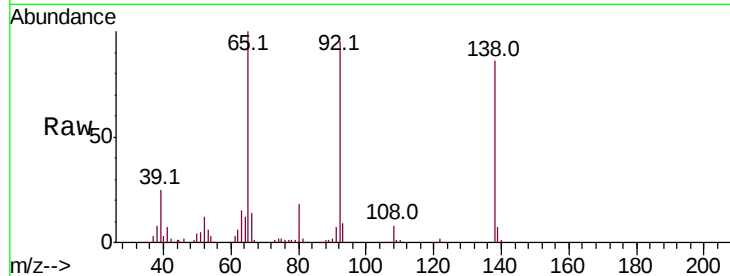
#53
3-Nitroaniline
Concen: 34.991 ng
RT: 14.44 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

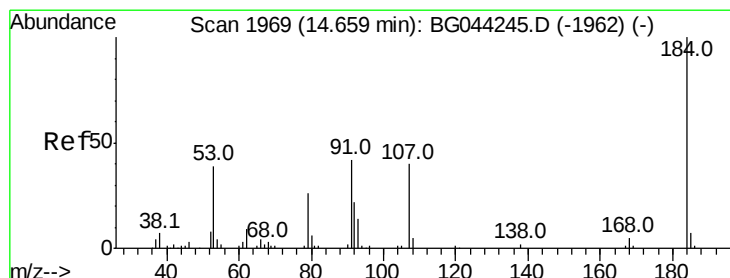
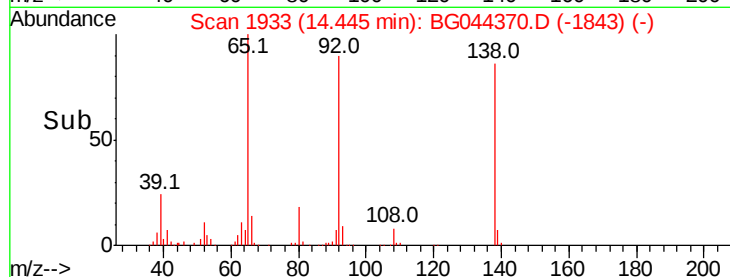
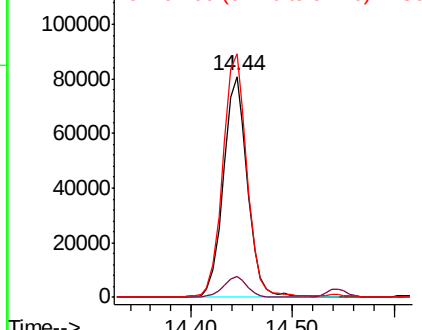
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.5	7.9	11.9	
92	110.2	91.0	136.4	

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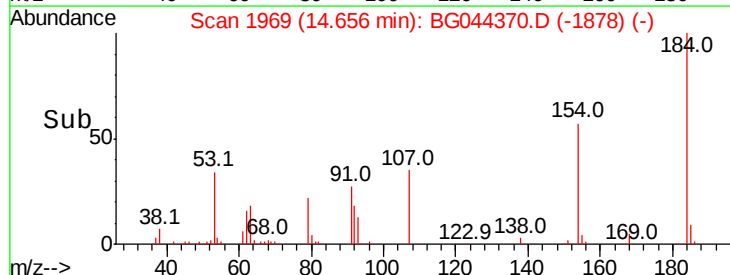
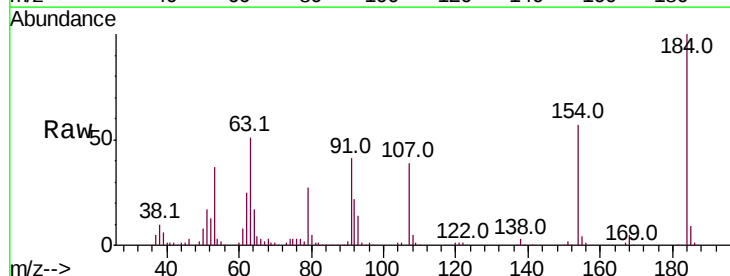
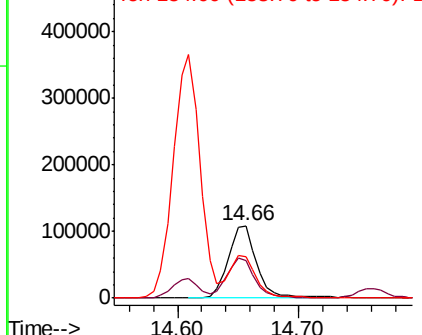
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

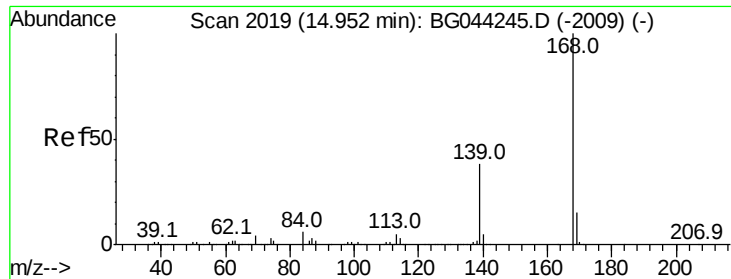


#54
2,4-Dinitrophenol
Concen: 87.177 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	51.3	44.1	66.1	
154	57.5	45.4	68.0	

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





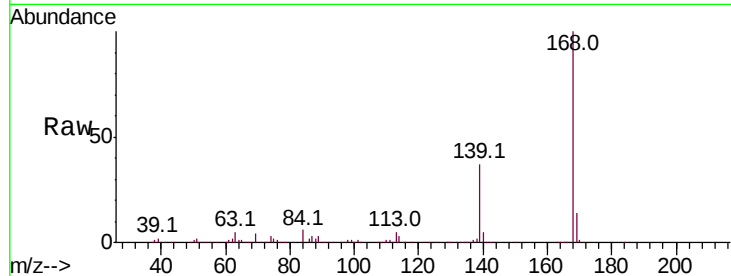
#55
Dibenzofuran
Concen: 50.965 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7
169	14.3	11.7	17.5

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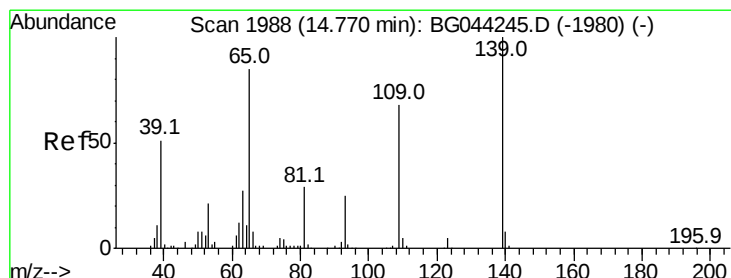
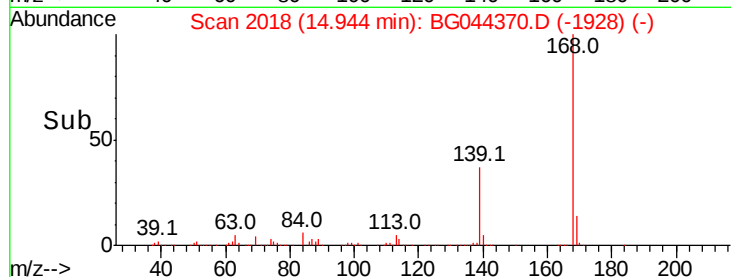
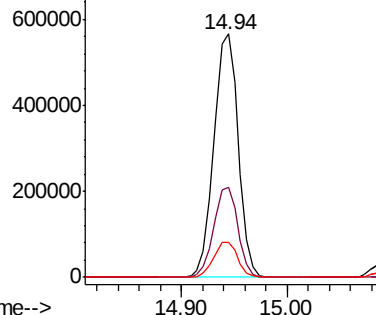


Abundance

Ion 168.00 (167.70 to 168.70): E

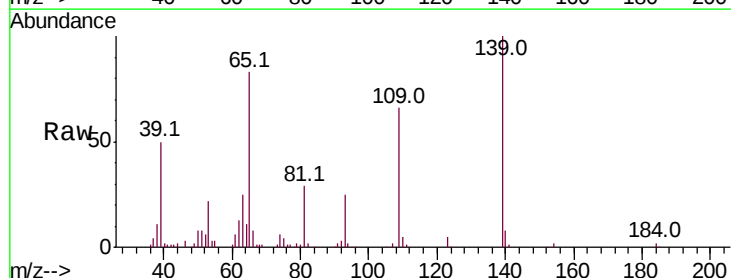
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 34.907 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	47.5	87.5
65	82.8	64.9	104.9

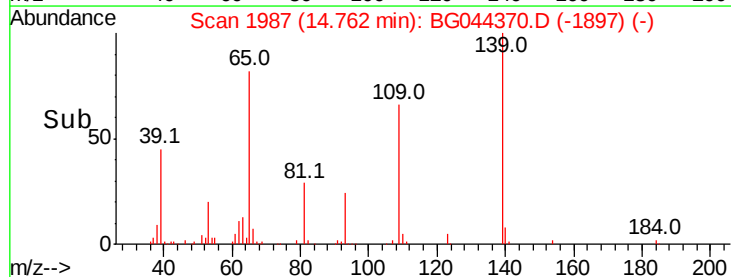
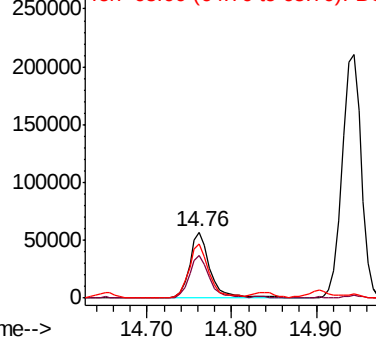


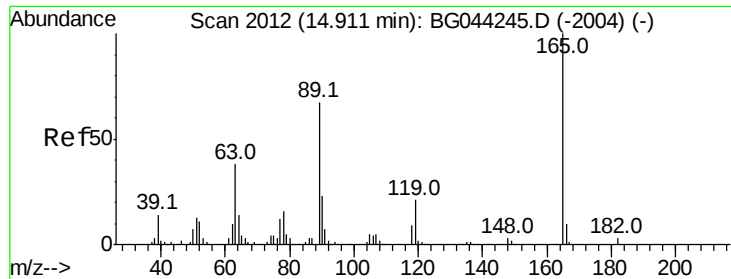
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





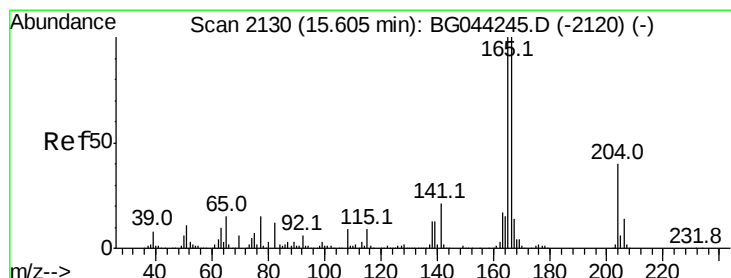
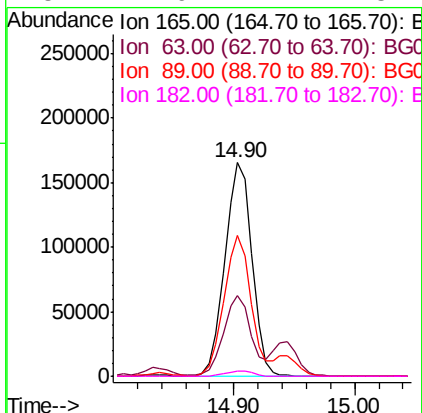
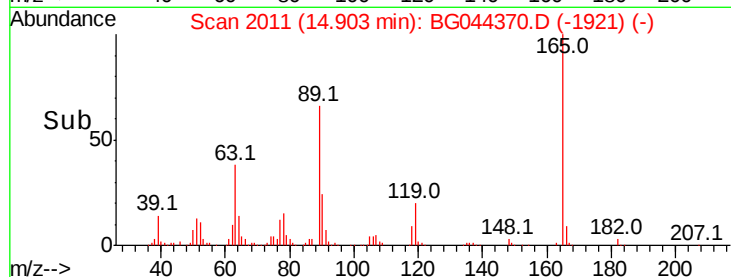
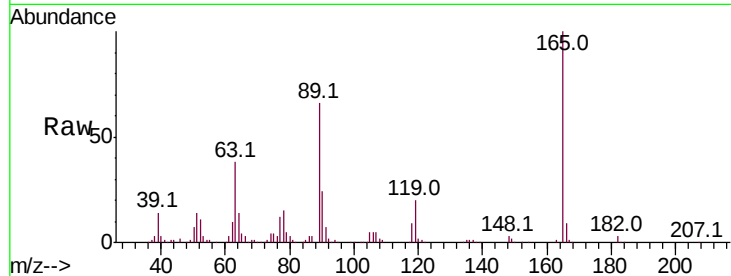
#57
2,4-Dinitrotoluene
Concen: 53.323 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257015		
63	37.8		30.3	45.5
89	66.0		53.4	80.2
182	2.6		2.1	3.1

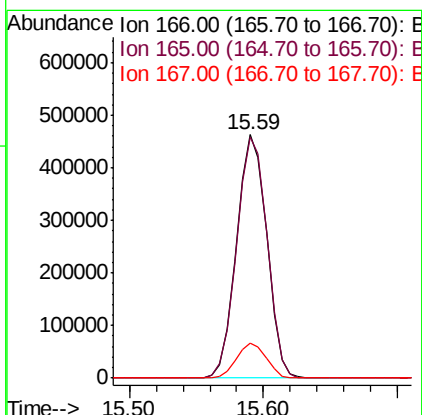
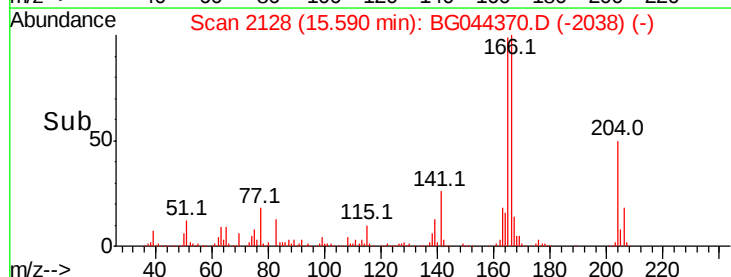
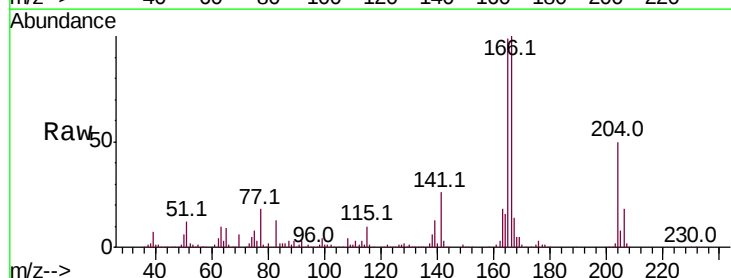
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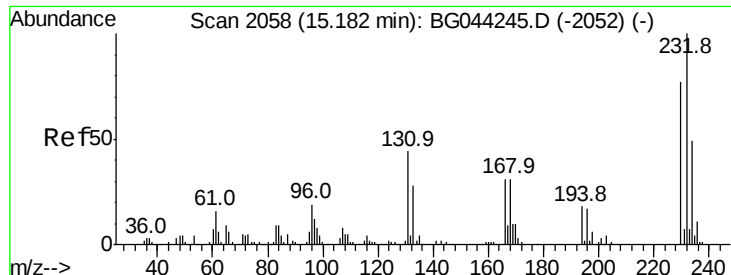
mohammad
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#58
Fluorene
Concen: 51.822 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	723568		
165	98.9		79.9	119.9
167	14.3		11.4	17.0





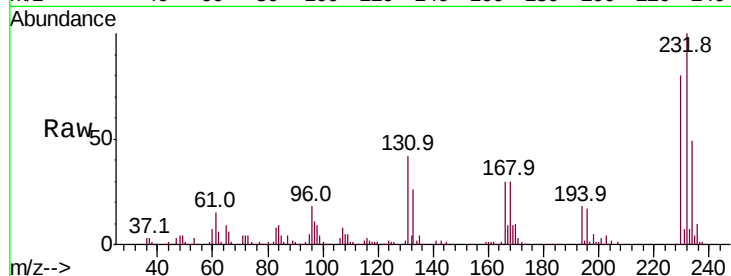
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.852 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

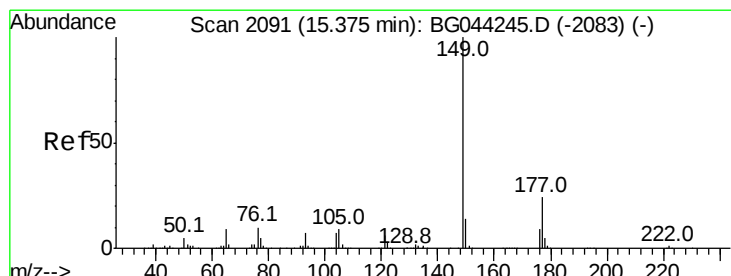
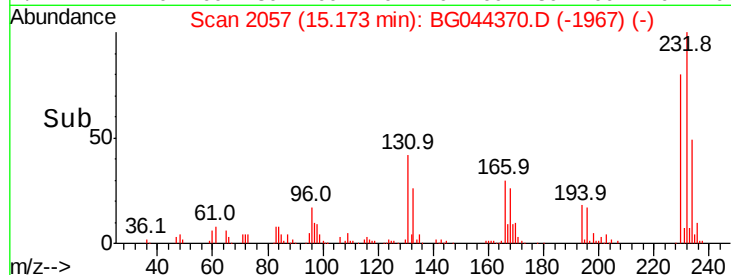
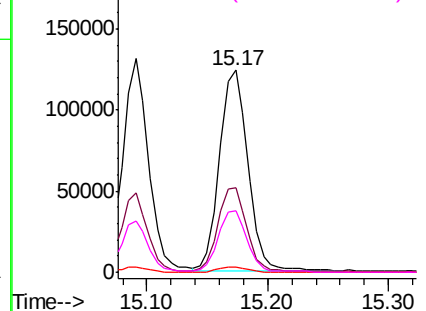
Tot Ion	Ratio	Resp	Lower	Upper
232	100	202293		
131	42.1		34.2	51.4
130	2.4		1.8	2.8
166	30.8		23.8	35.8

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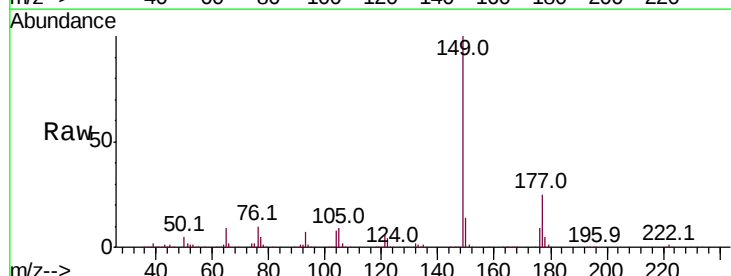


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

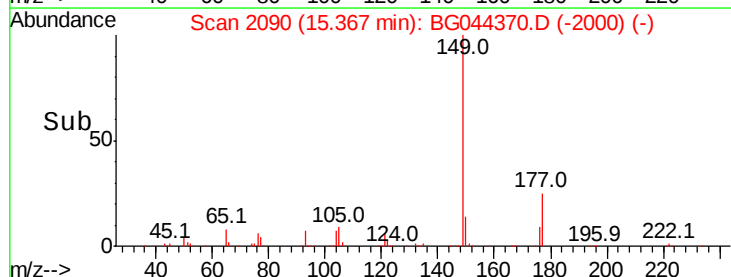
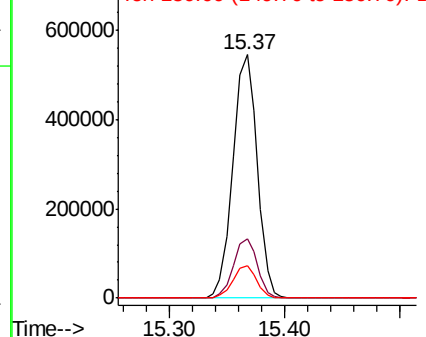


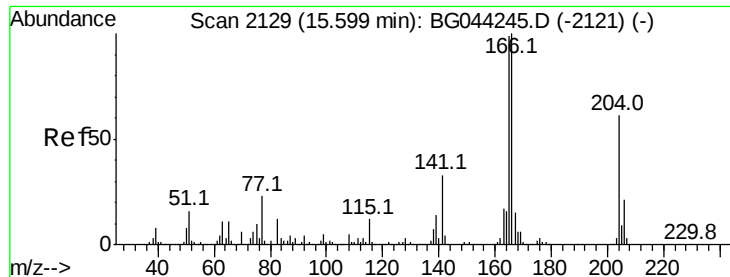
#60
 Diethylphthalate
 Concen: 51.631 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	793489		
177	24.6		19.4	29.0
150	13.5		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





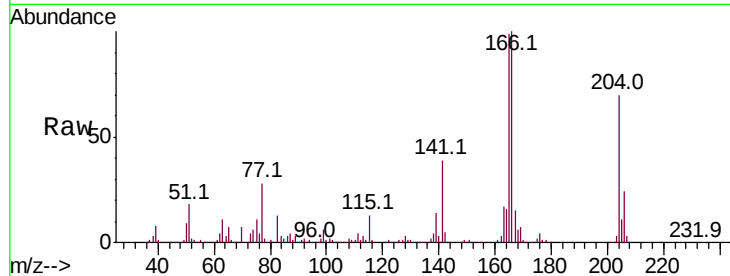
#61
4-Chlorophenyl-phenylether
Concen: 50.684 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	383704		
206	35.1	27.6	41.4	
141	55.9	43.4	65.0	

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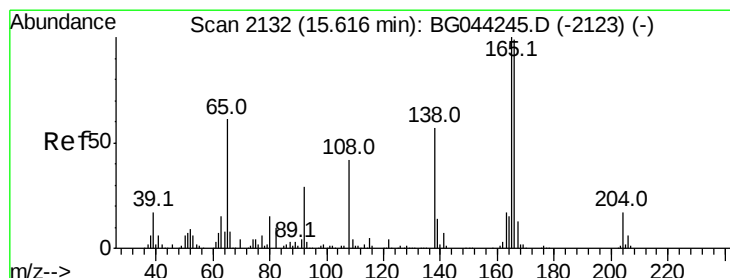
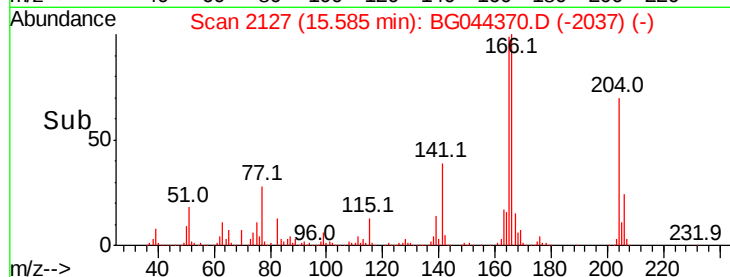
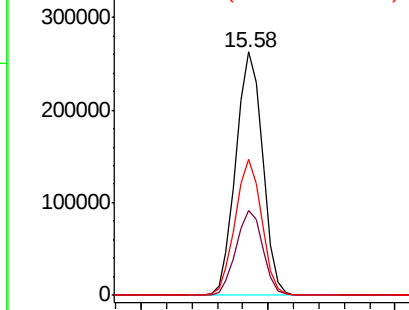


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.867 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

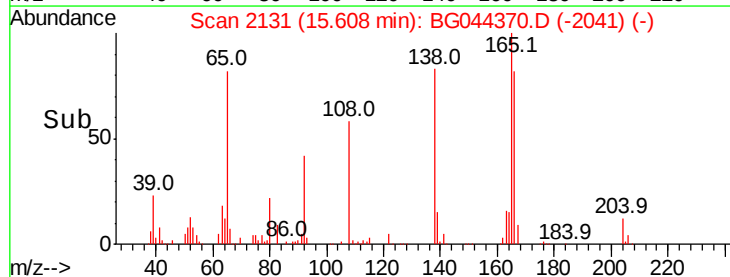
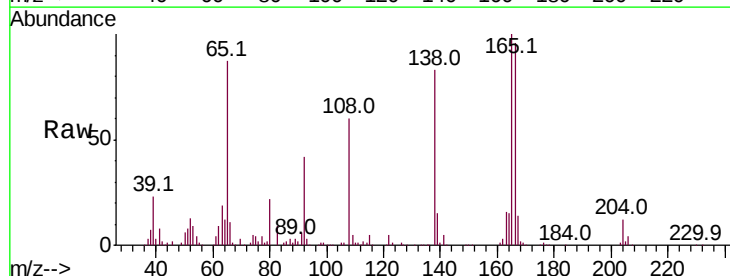
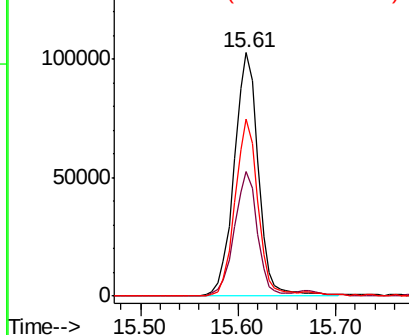
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	178178		
92	50.9	31.3	71.3	
108	72.9	52.6	92.6	

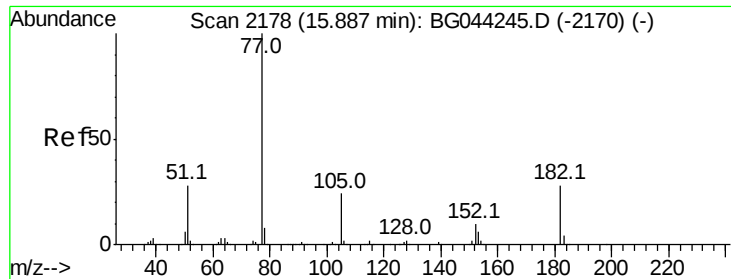
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





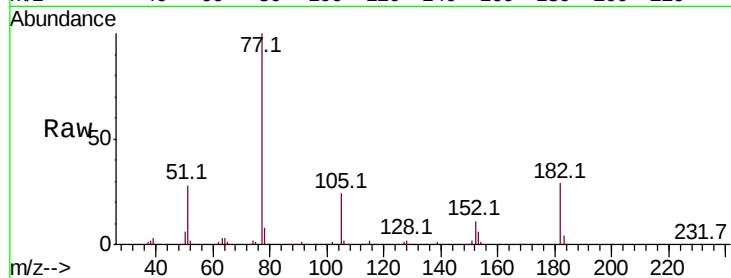
#63
Azobenzene
Concen: 52.569 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

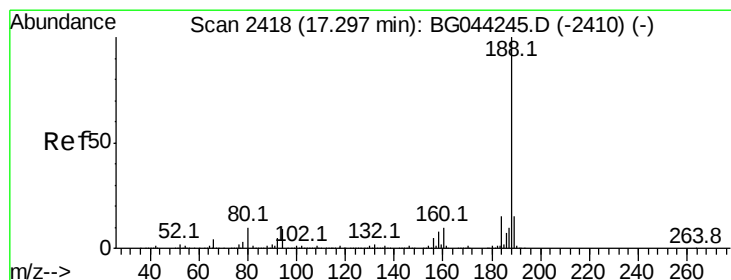
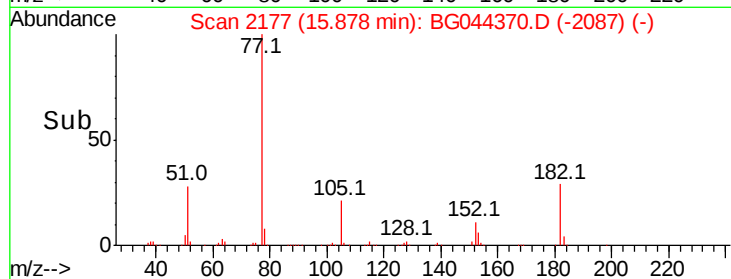
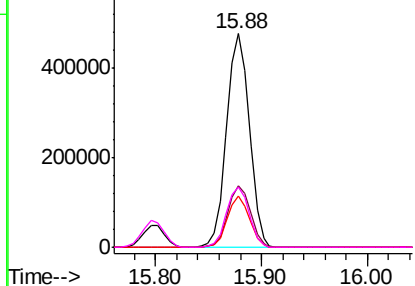
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.2	48.2
105	23.7	3.6	43.6
51	28.3	8.3	48.3

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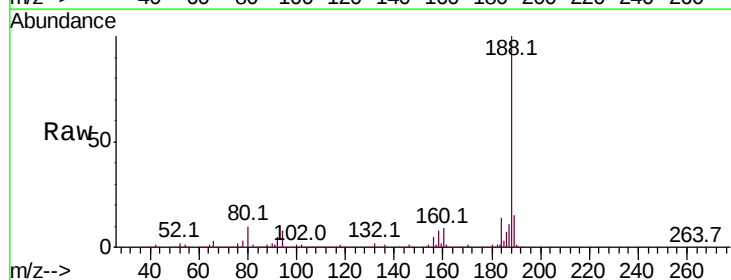


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

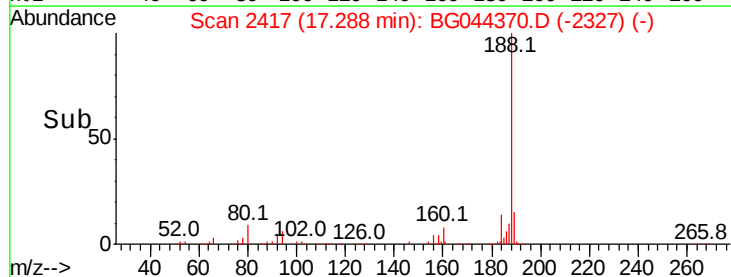
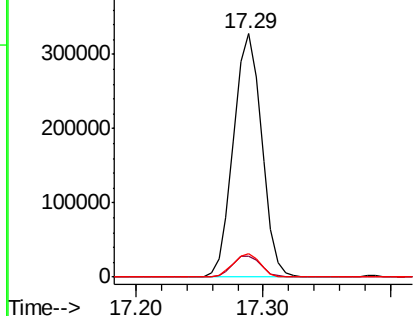


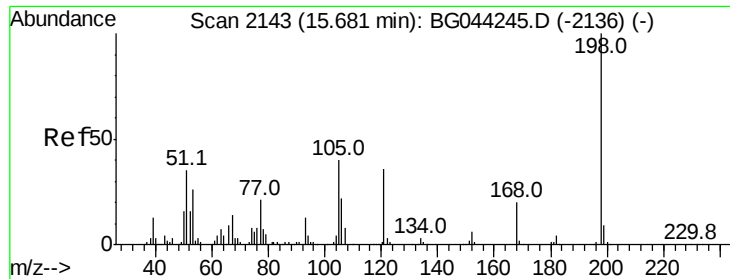
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.2
80	9.8	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.844 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

PB126703BS

Tot Ion:198 Resp: 147488

Ion Ratio Lower Upper

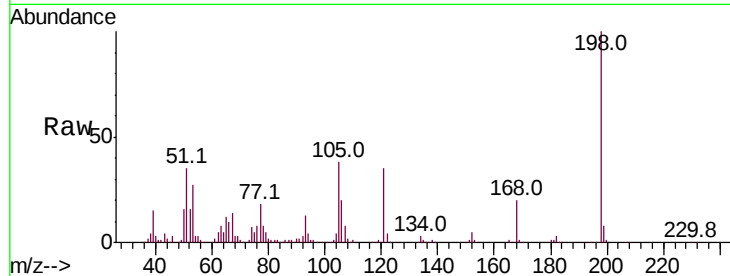
198 100

51 34.6 16.6 56.6

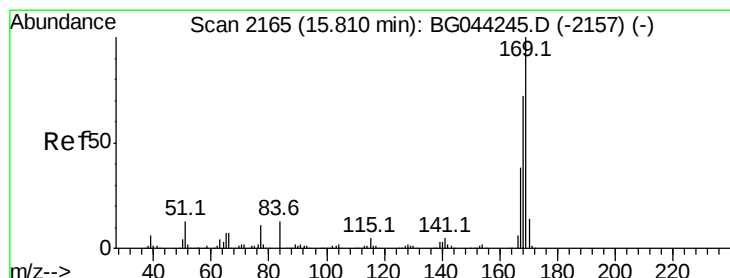
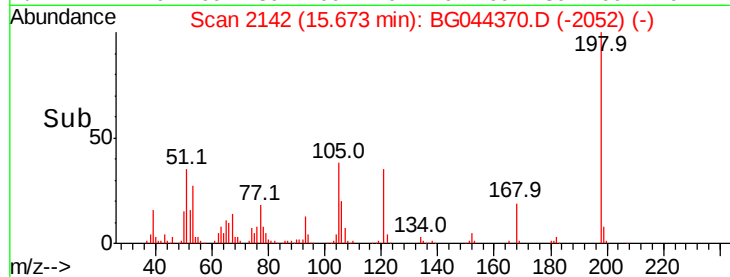
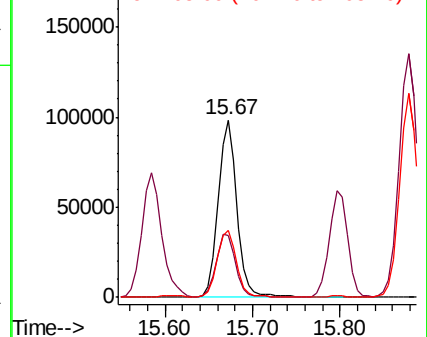
105 37.9 20.6 60.6

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



#66

n-Nitrosodiphenylamine

Concen: 48.791 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

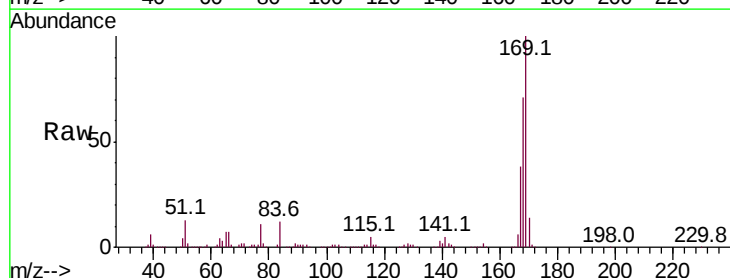
Tgt Ion:169 Resp: 691346

Ion Ratio Lower Upper

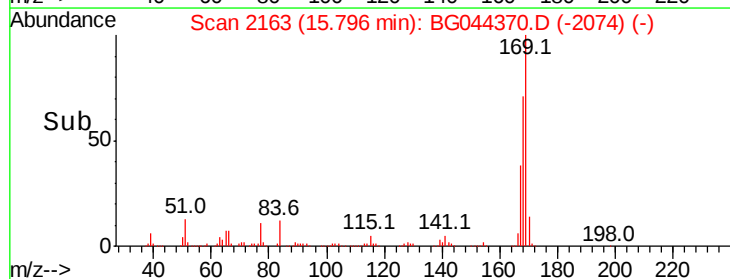
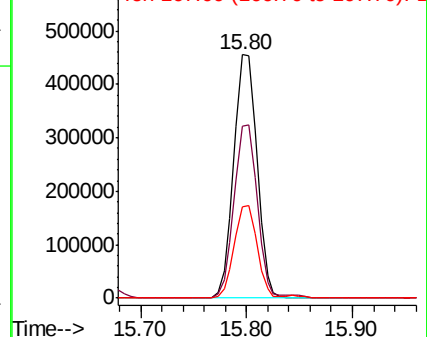
169 100

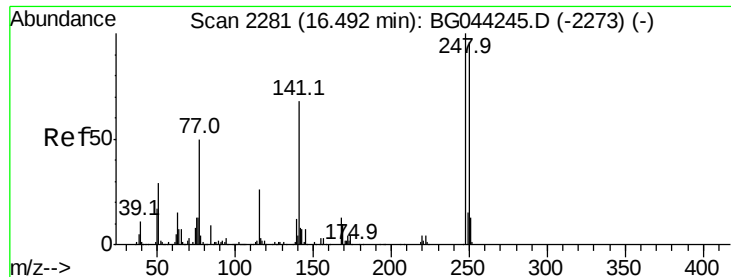
168 70.7 57.9 86.9

167 37.7 30.7 46.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





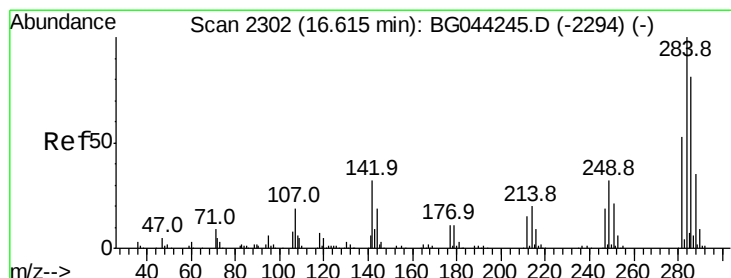
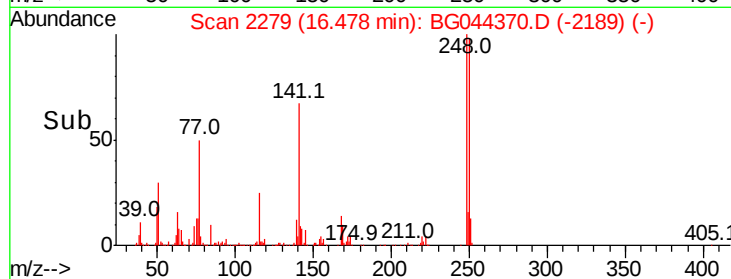
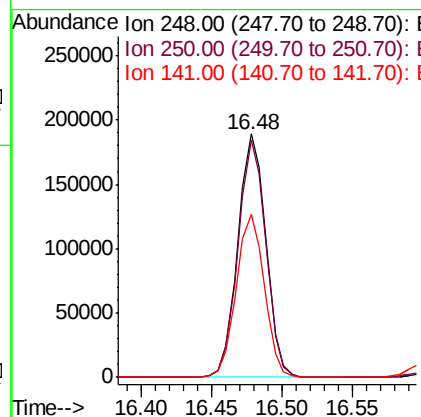
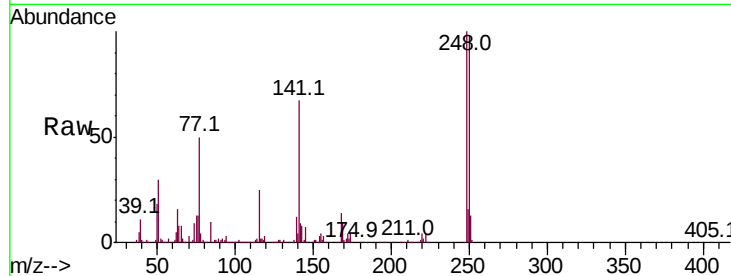
#67
 4-Bromophenyl-phenylether
 Concen: 47.451 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.6	114.8
141	67.1	54.7	82.1

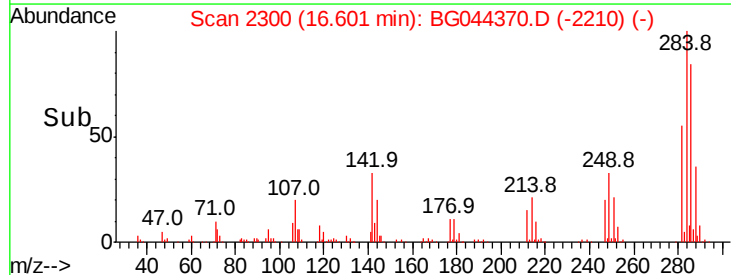
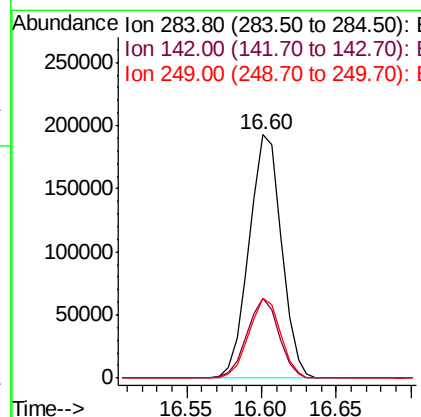
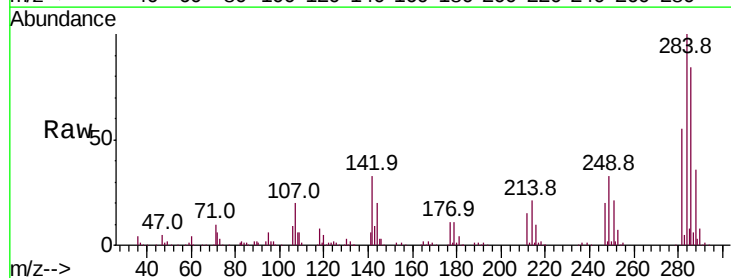
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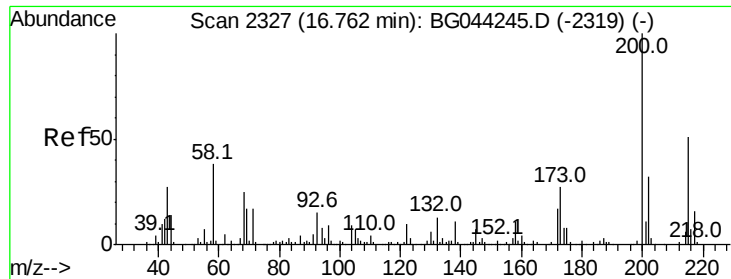
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#68
 Hexachlorobenzene
 Concen: 46.768 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.3	37.9
249	32.5	25.5	38.3





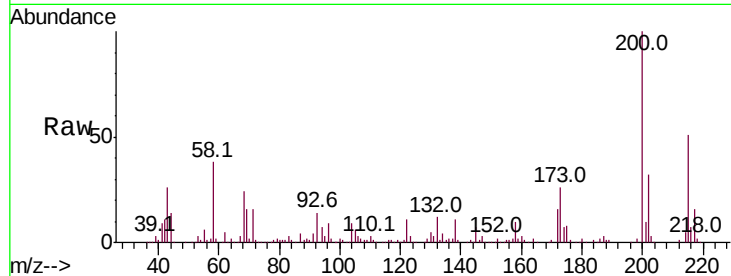
#69
Atrazine
Concen: 56.884 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampled :
PB126703BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.6	6.6	46.6
215	50.6	31.0	71.0

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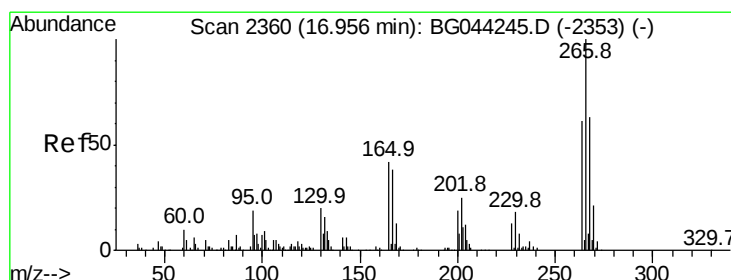
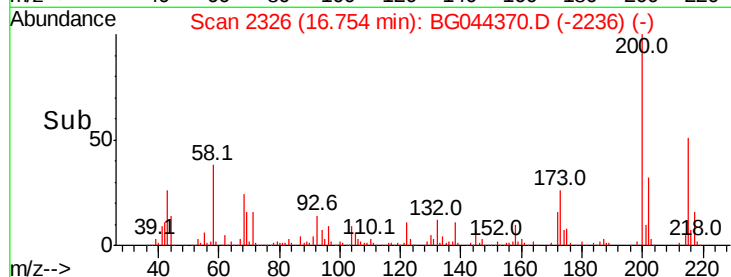
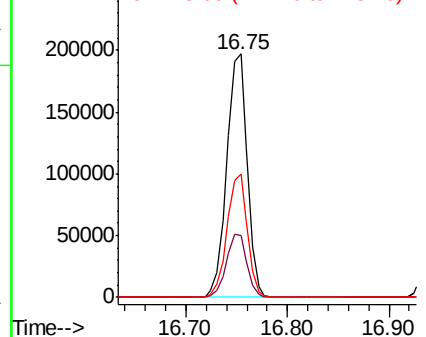


Abundance

Ion 200.00 (199.70 to 200.70): E

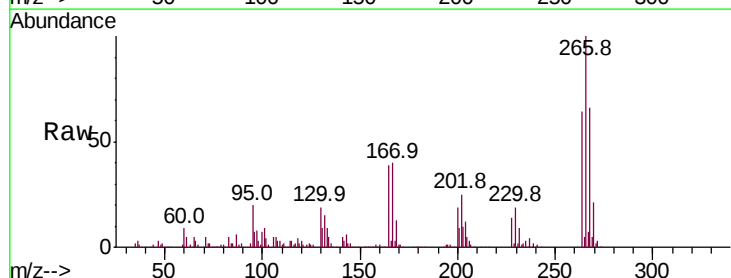
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 96.037 ng
RT: 16.95 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.6	50.6	75.8
264	64.2	48.7	73.1

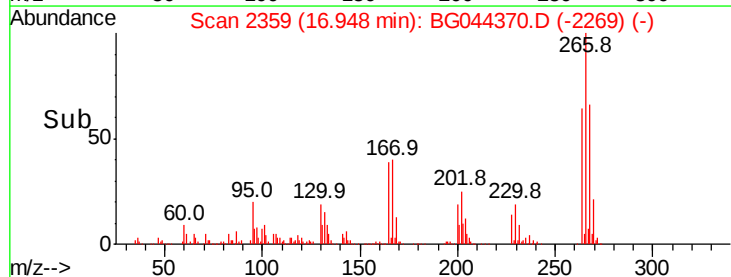
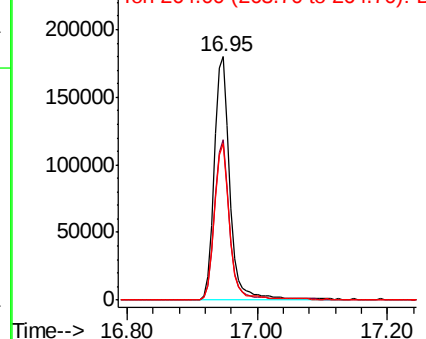


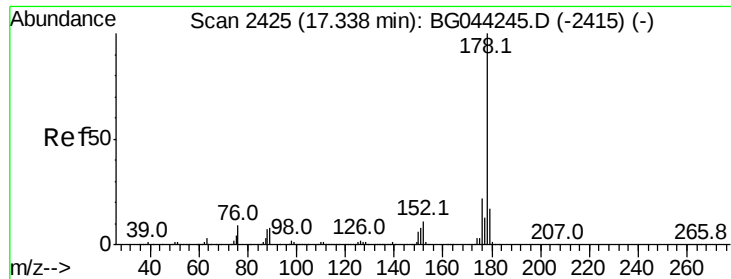
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





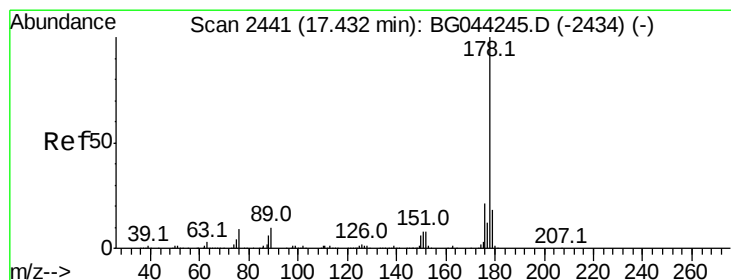
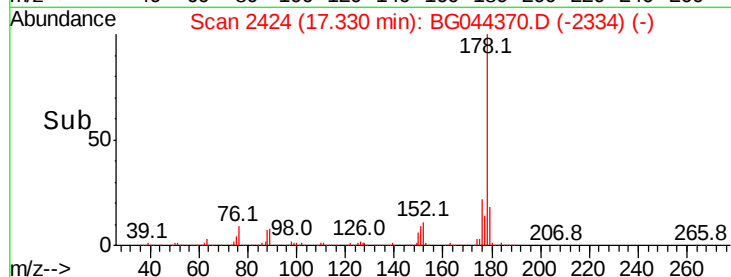
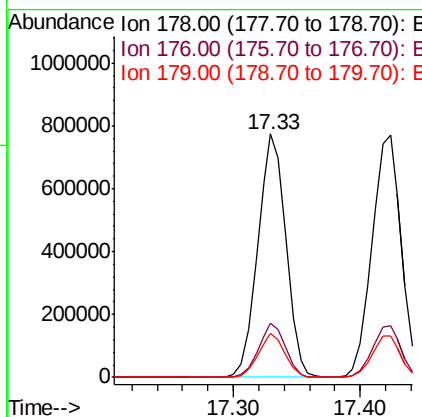
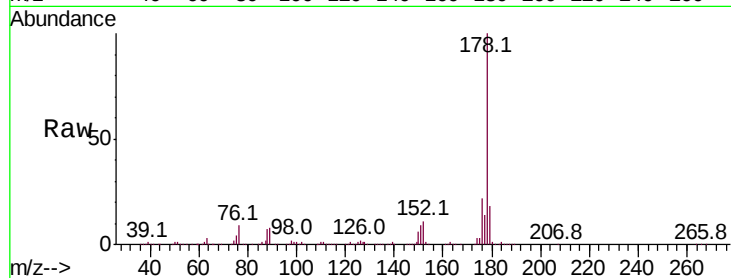
#71
Phenanthrene
Concen: 48.734 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion:178 Resp: 1193196
Ion Ratio Lower Upper
178 100
176 22.1 17.7 26.5
179 17.8 13.7 20.5

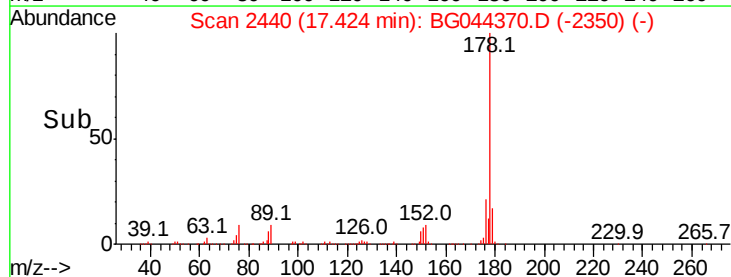
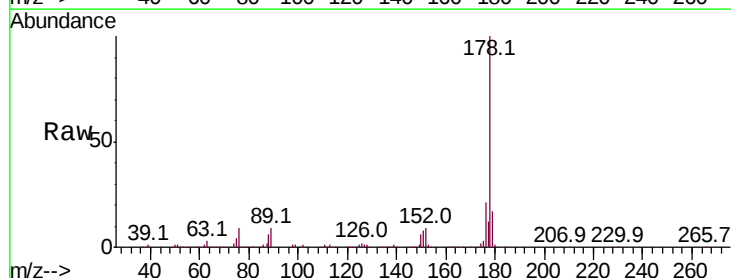
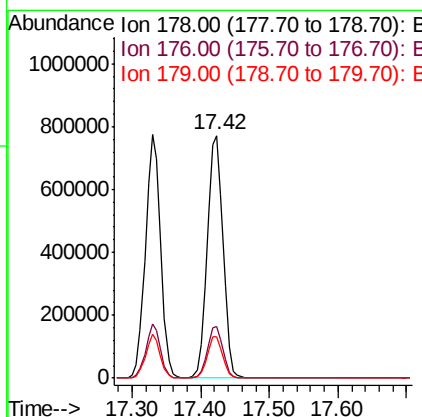
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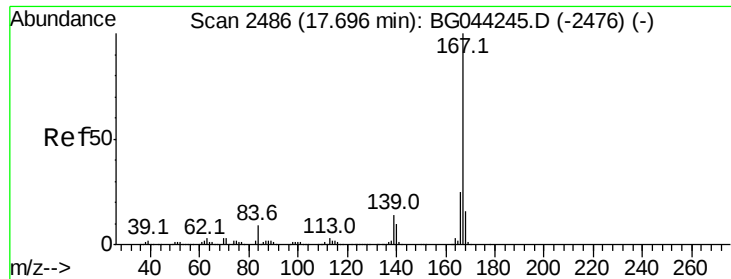
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#72
Anthracene
Concen: 51.041 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion:178 Resp: 1235502
Ion Ratio Lower Upper
178 100
176 21.4 17.0 25.4
179 17.1 14.4 21.6





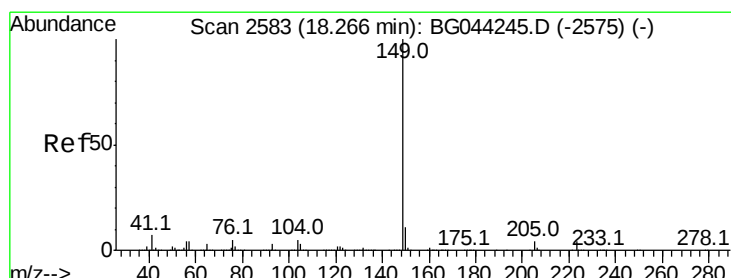
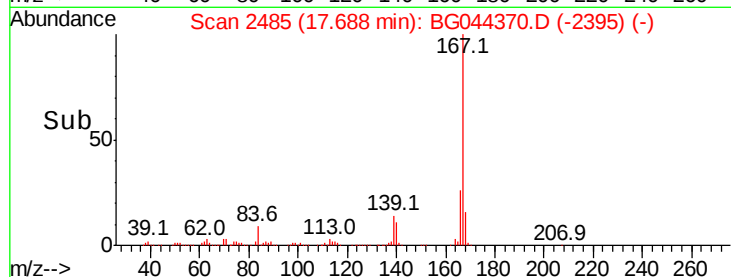
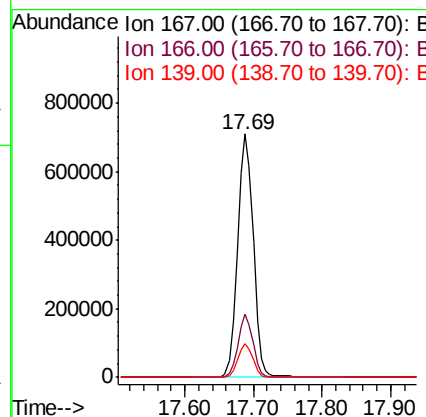
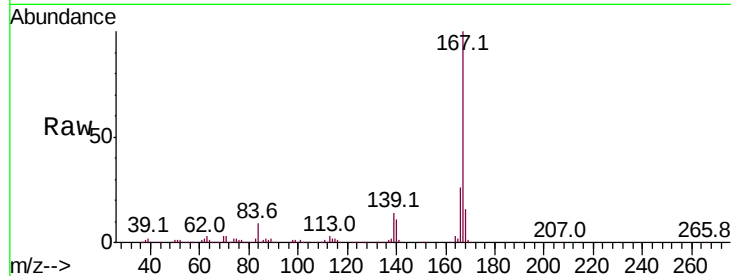
#73
 Carbazole
 Concen: 50.415 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.9	19.8	29.6
139	14.0	11.1	16.7

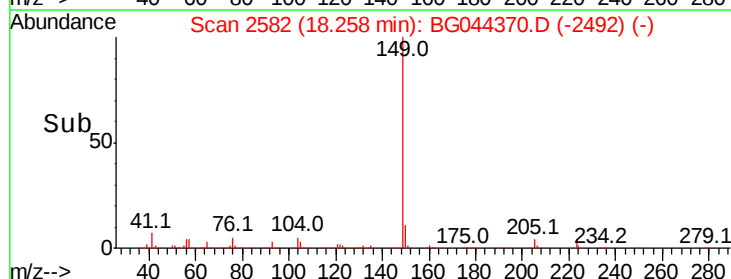
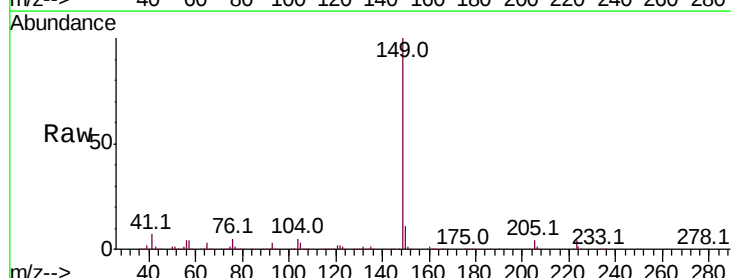
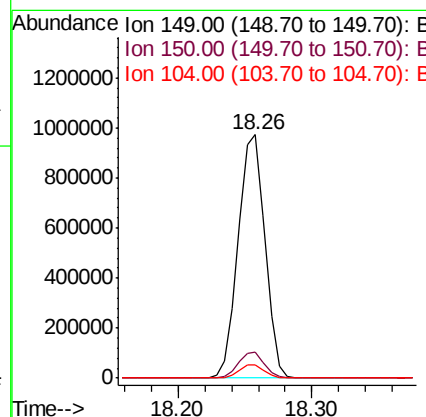
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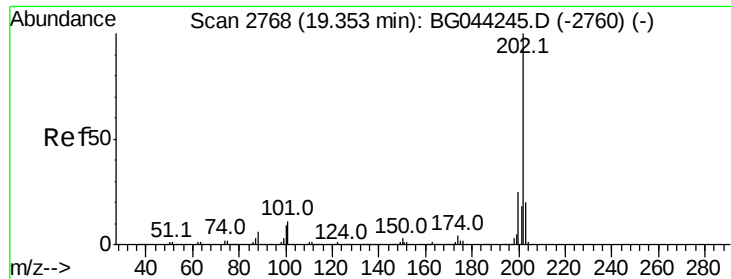
mohammad
 2/12/2020 9:49:49 AM



#74
 Di-n-butylphthalate
 Concen: 49.393 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 49.916 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

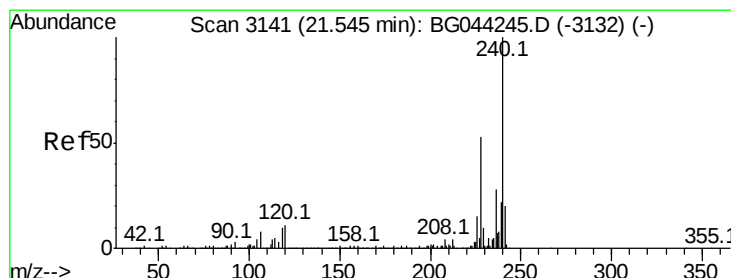
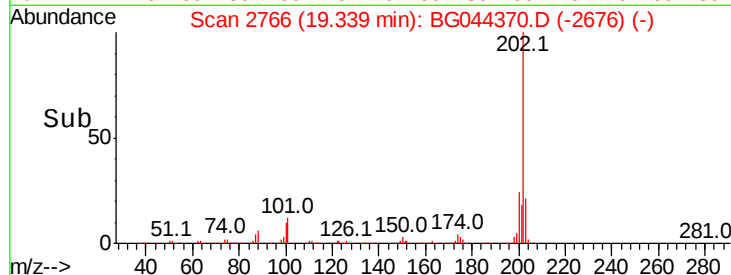
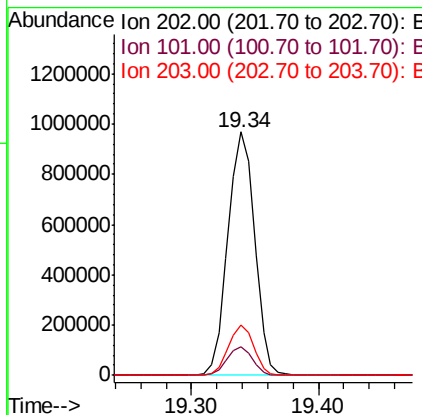
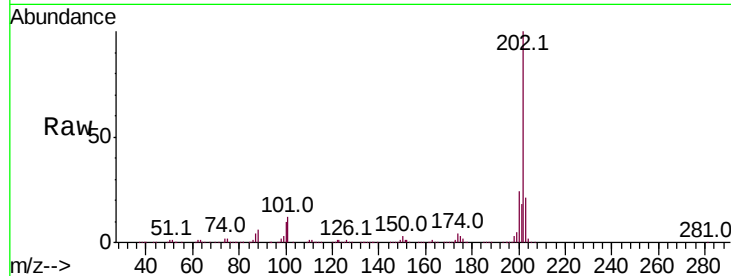
ClientSampleId :

PB126703BS

Tot Ion:	202	Resp:	1413769
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.3
203	20.7	0.0	39.9

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#76

Chrysene-d12

Concen: 20.000 ng

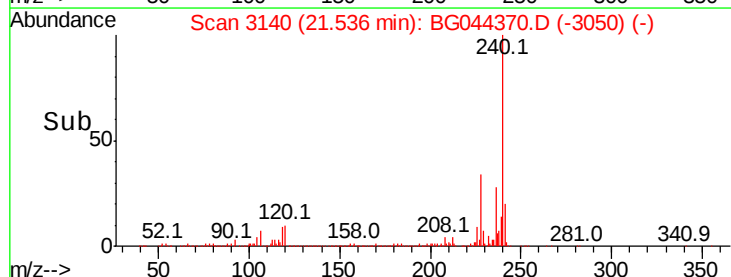
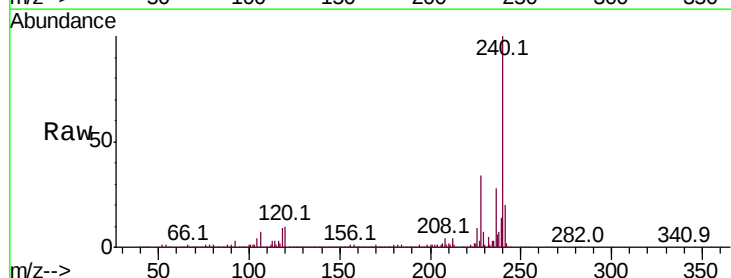
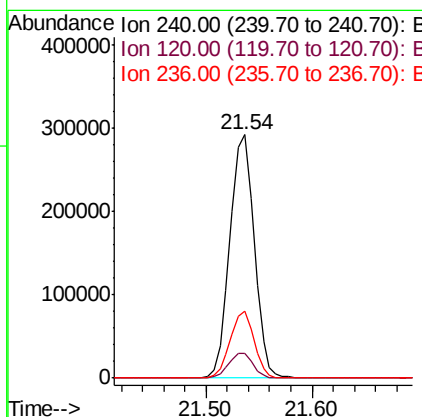
RT: 21.54 min Scan# 3140

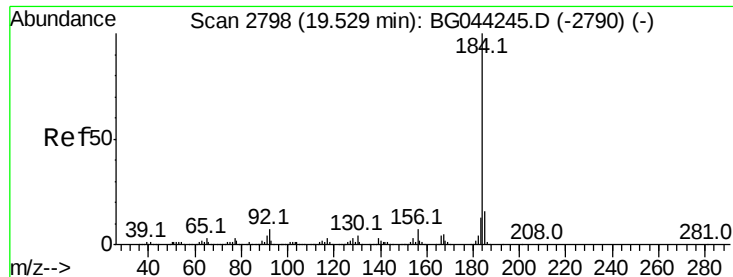
Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:	240	Resp:	465831
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	27.7	22.1	33.1





#77

Benzidine

Concen: 53.279 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

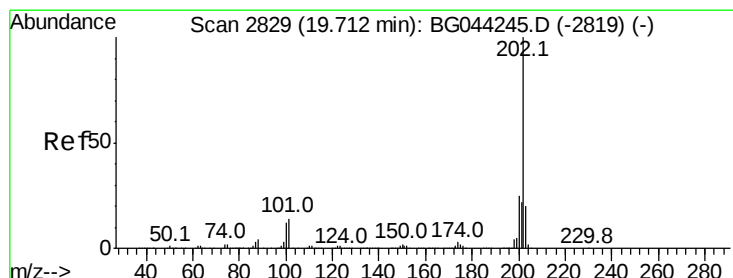
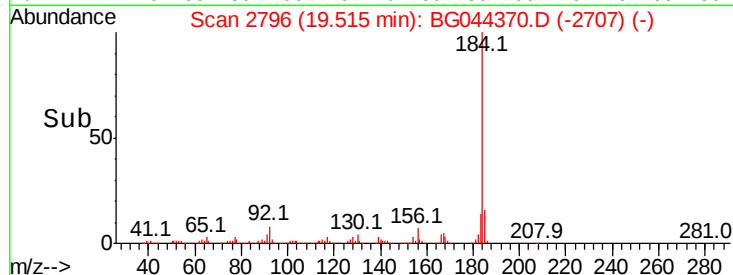
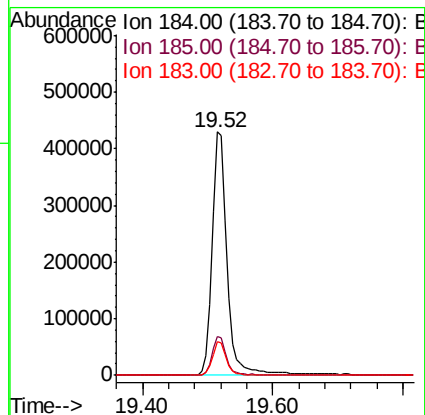
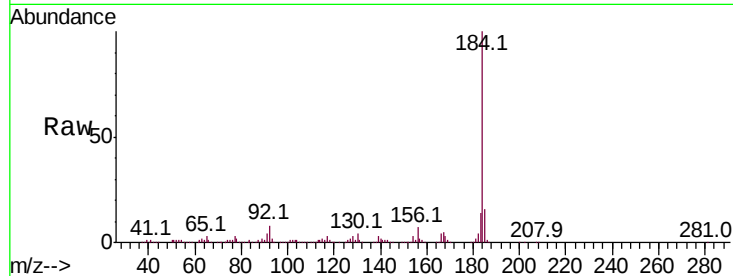
ClientSampleId :

PB126703BS

Tot Ion:	184	Resp:	688419
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.9	19.3
183	13.7	10.8	16.2

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#78

Pyrene

Concen: 47.011 ng

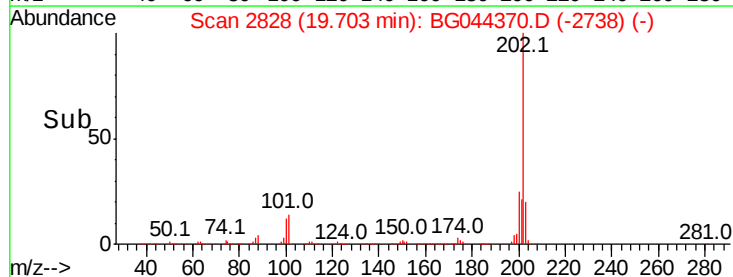
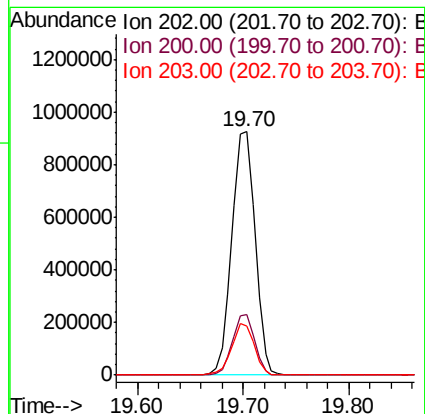
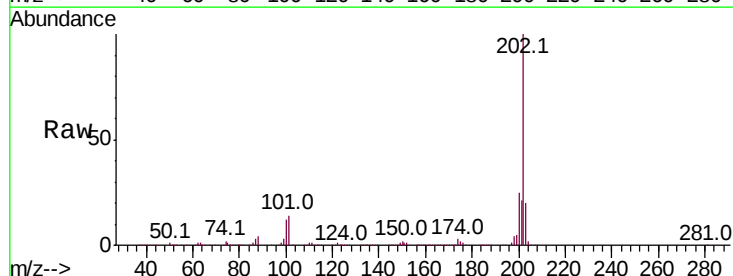
RT: 19.70 min Scan# 2828

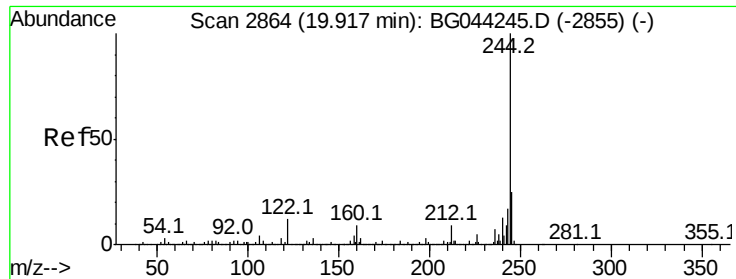
Delta R.T. -0.00 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Tgt Ion:	202	Resp:	1406376
Ion Ratio	Lower	Upper	
202	100		
200	24.9	20.0	30.0
203	20.2	16.2	24.2





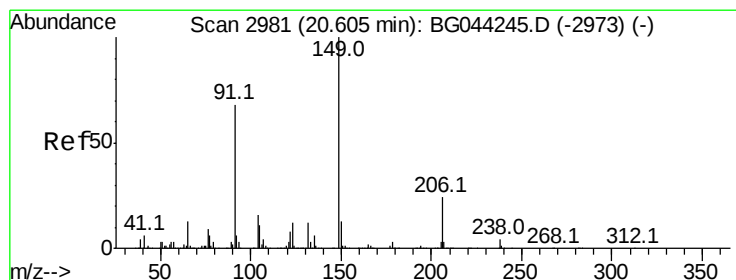
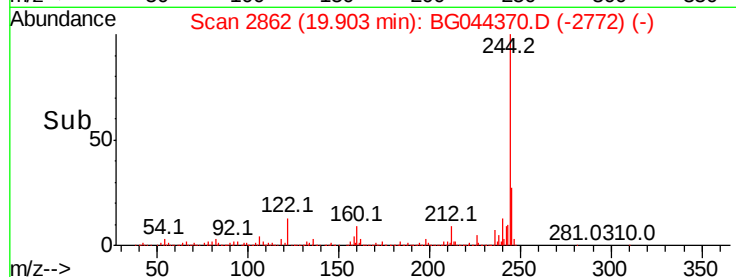
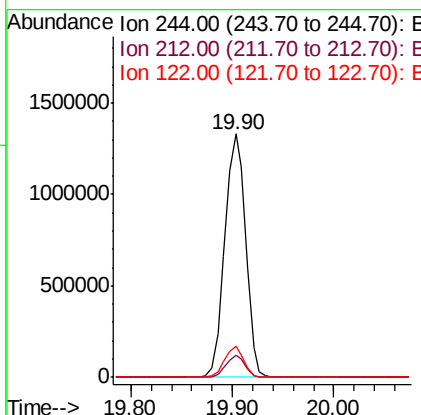
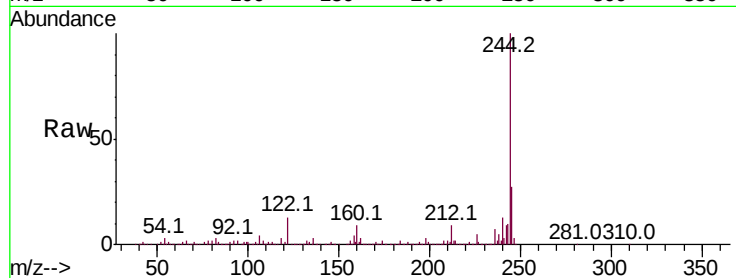
#79
 Terphenyl-d14
 Concen: 83.948 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.2
122	12.6	9.8	14.6

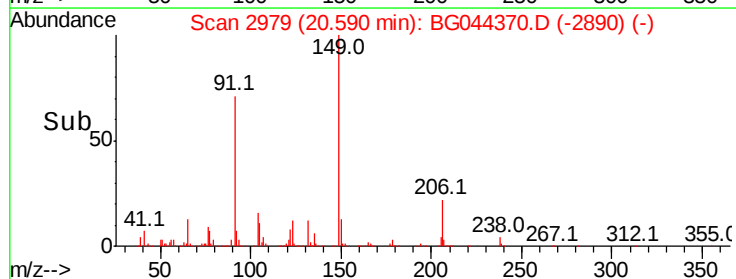
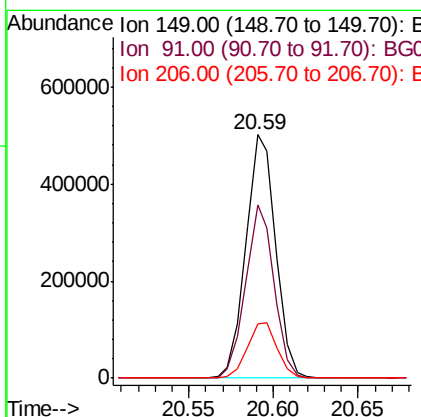
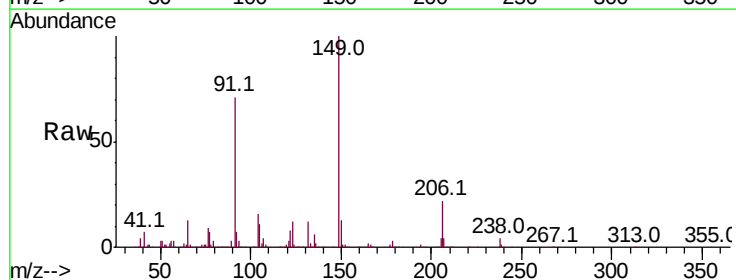
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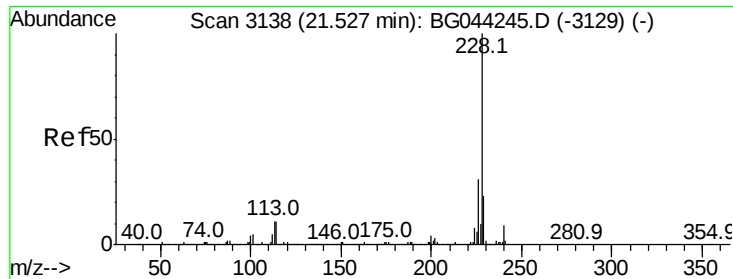
mohammad
 2/12/2020 9:49:49 AM



#80
 Butylbenzylphthalate
 Concen: 45.215 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	54.5	81.7
206	22.1	19.1	28.7





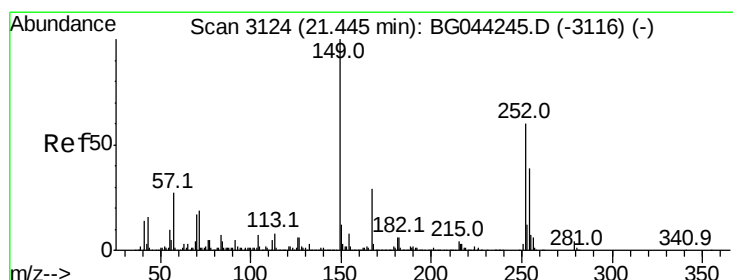
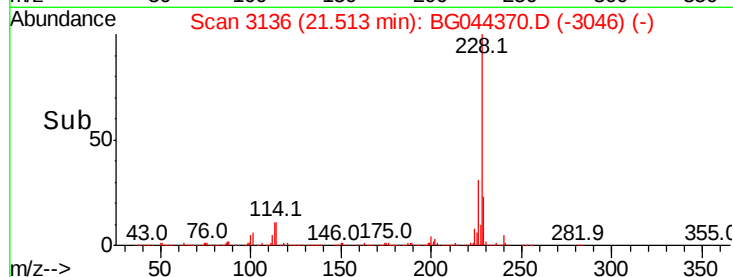
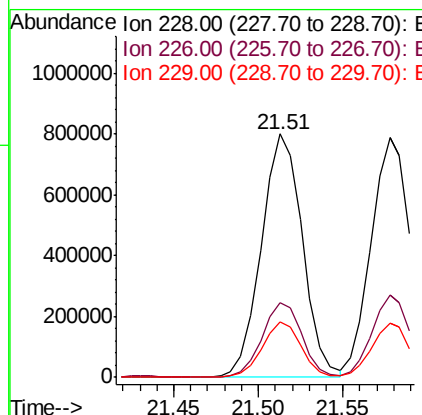
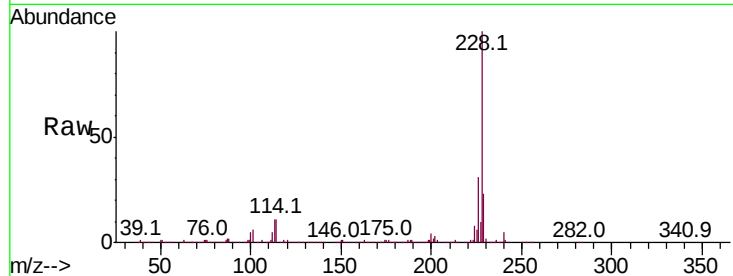
#81
Benzo(a)anthracene
Concen: 46.975 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	22.6	18.2	27.4

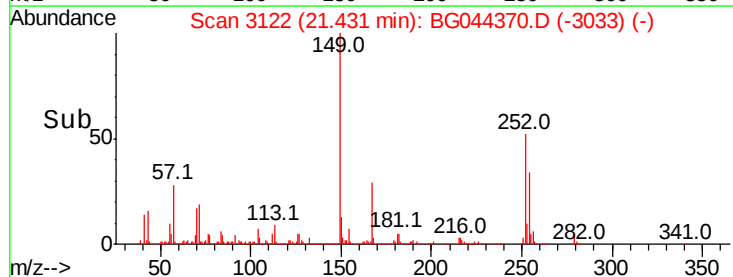
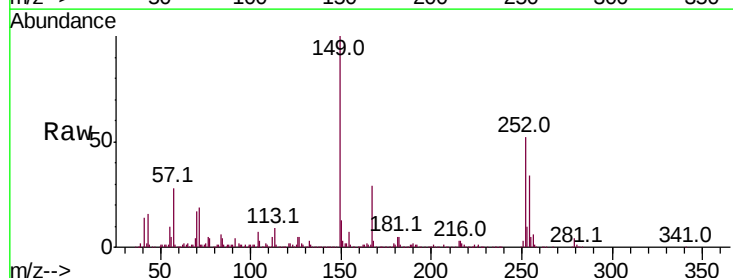
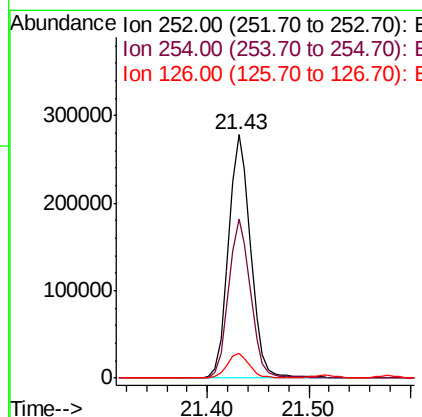
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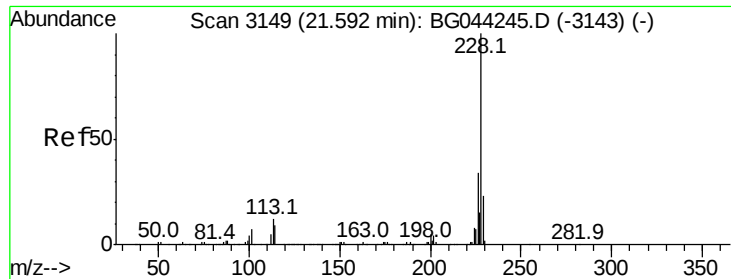
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.086 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.6	78.8
126	10.3	8.2	12.4





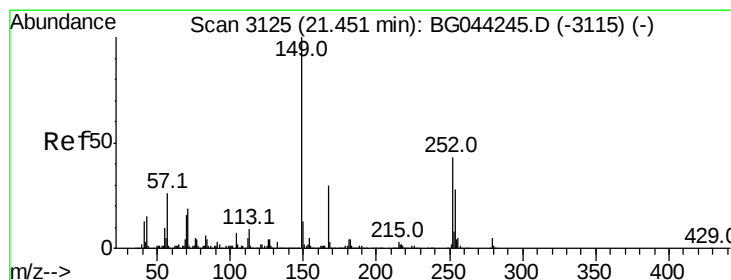
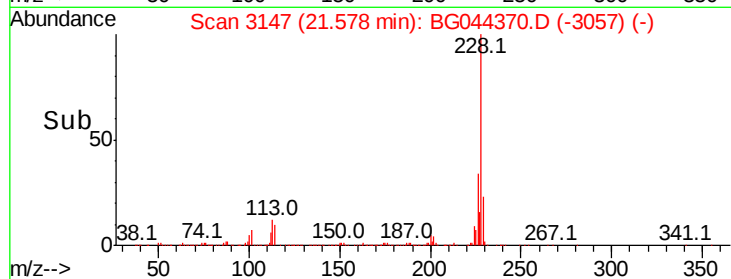
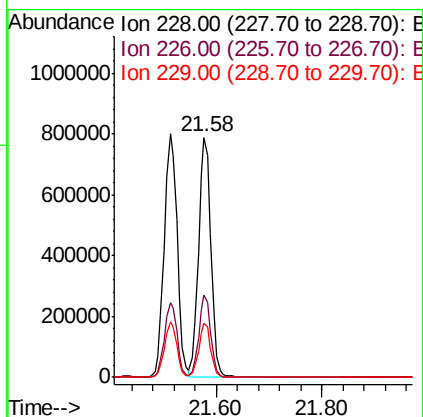
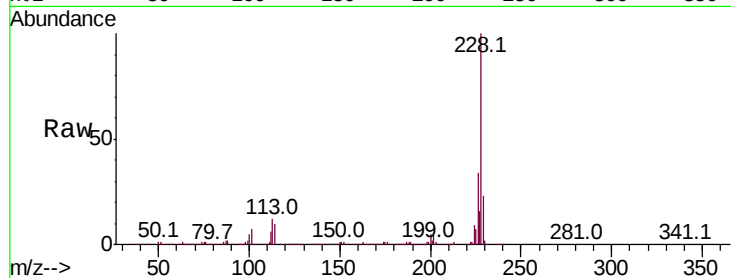
#83
 Chrysene
 Concen: 46.456 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.1	40.7
229	22.5	17.9	26.9

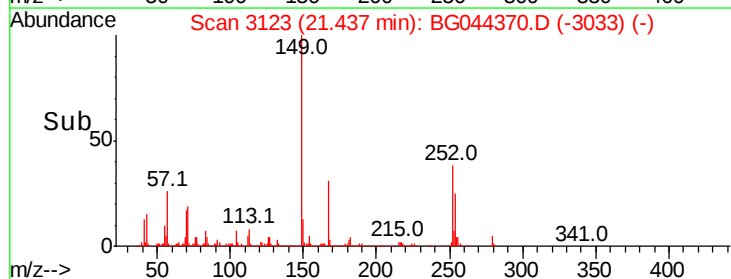
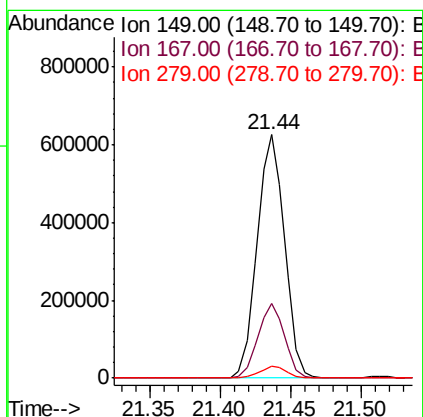
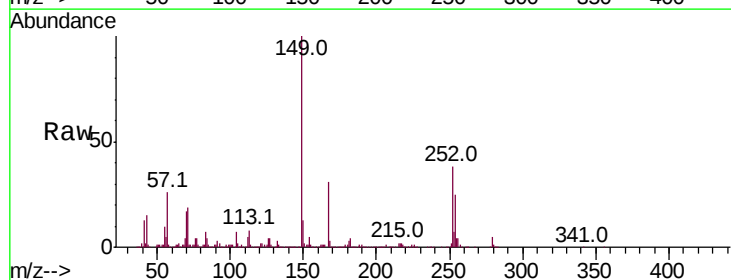
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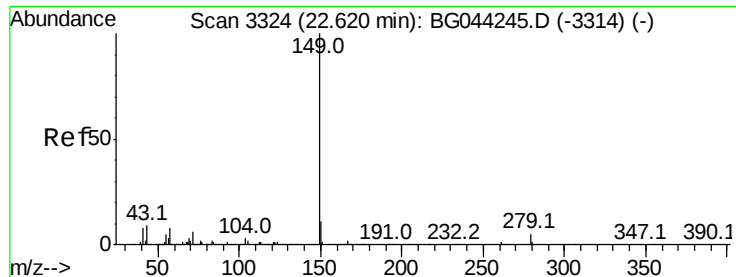
mohammad
 2/12/2020 9:49:49 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.676 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BG044370.D
 Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.0	36.0
279	5.0	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 46.538 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

Instrument :

BNA_G

ClientSampleId :

PB126703BS

Tot Ion:149 Resp: 1510957

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

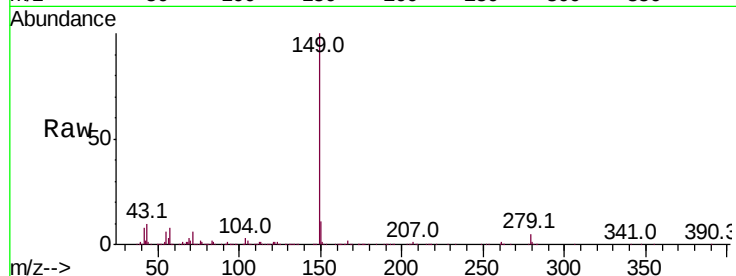
43 9.1 7.4 11.0

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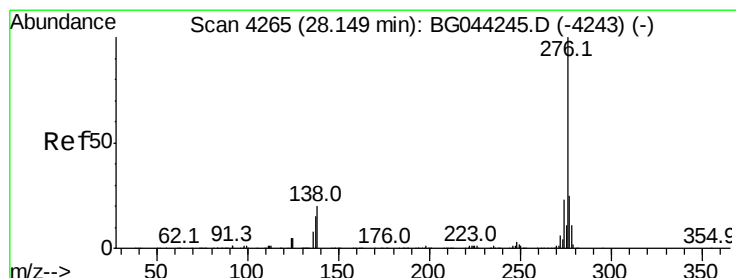
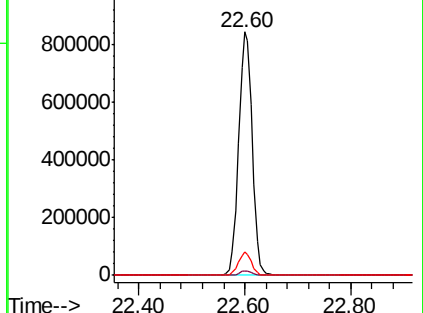
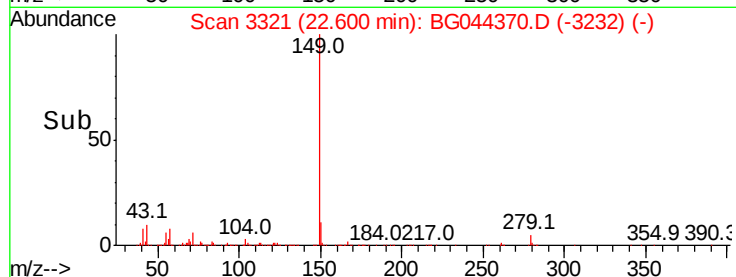
2/12/2020 9:49:49 AM



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: 46.448 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.01 min

Lab File: BG044370.D

Acq: 11 Feb 2020 1:53

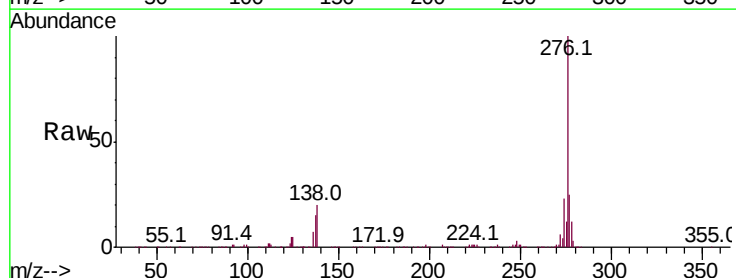
Tgt Ion:276 Resp: 1681620

Ion Ratio Lower Upper

276 100

138 16.3 19.4 29.0#

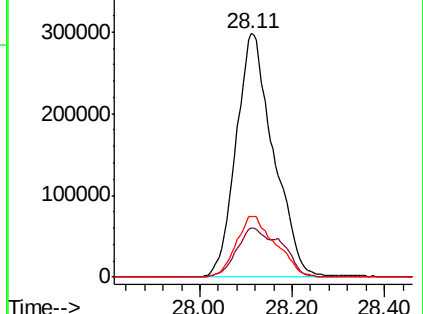
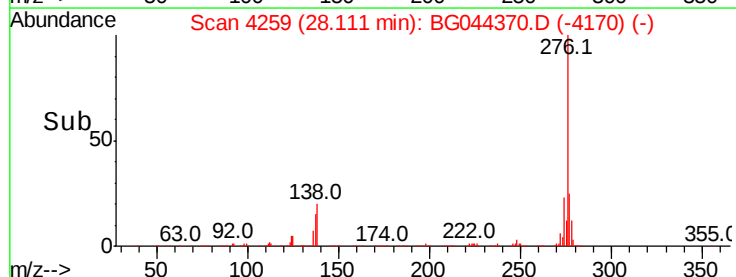
277 26.3 21.0 31.6

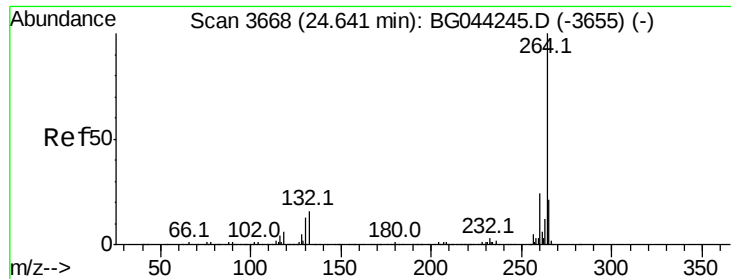


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





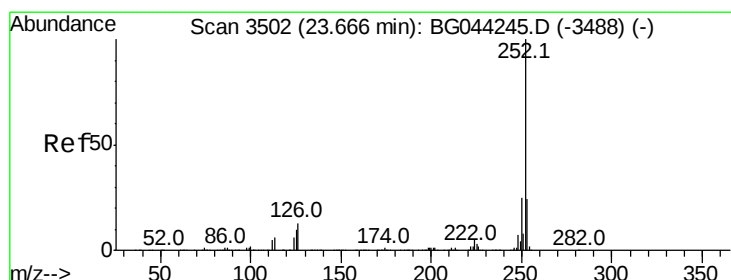
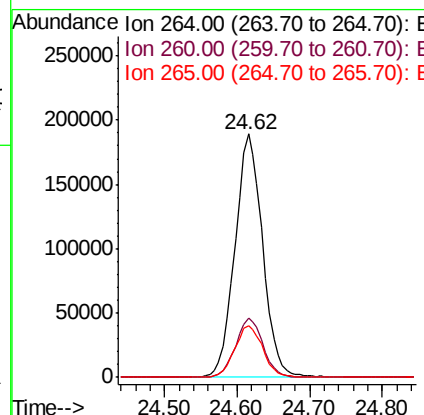
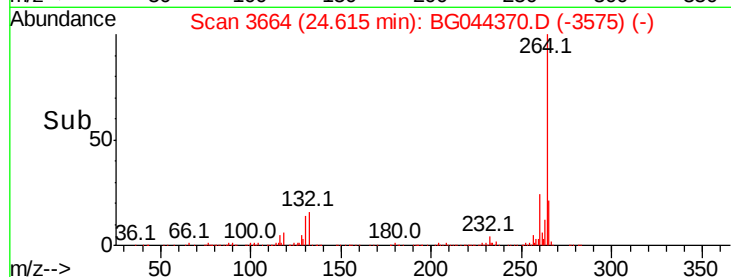
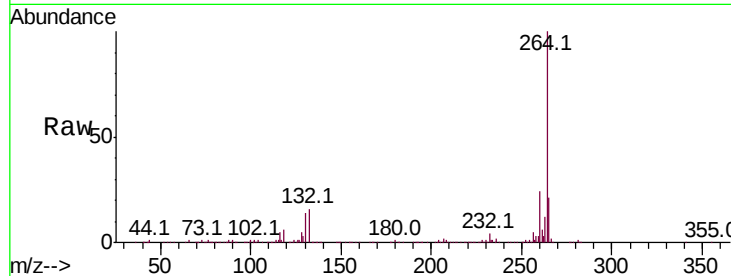
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	16.7	25.1

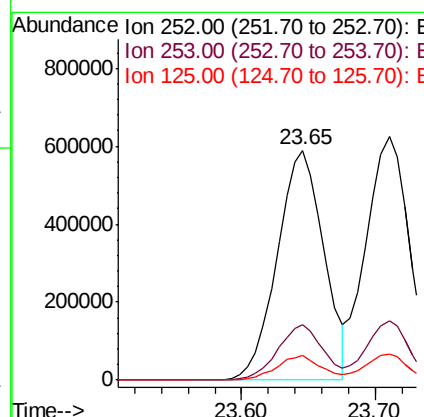
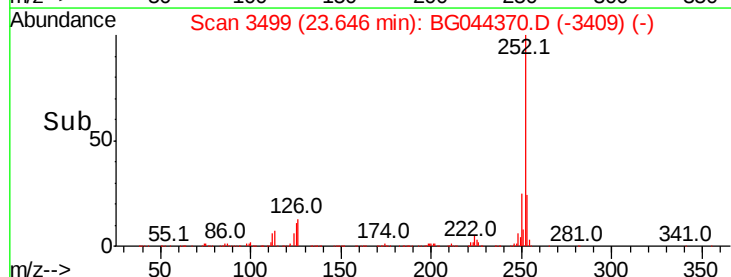
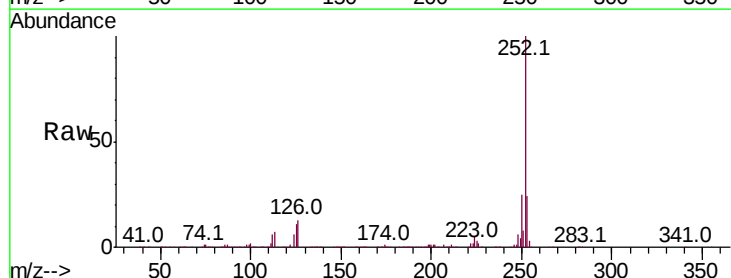
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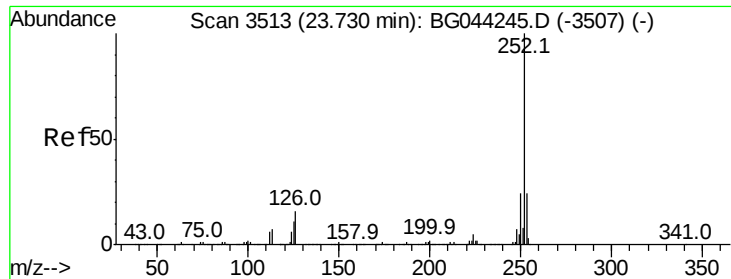
mohammad
2/12/2020 9:49:49 AM



#88
Benzo(b)fluoranthene
Concen: 49.428 ng
RT: 23.65 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	10.5	8.4	12.6





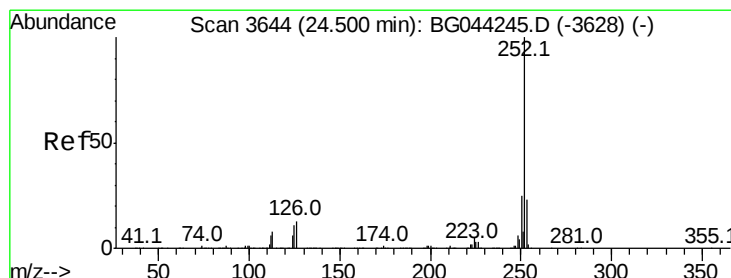
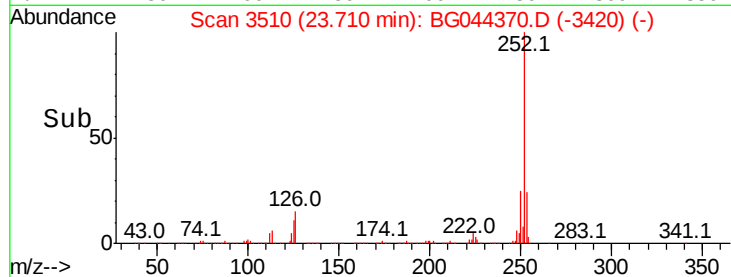
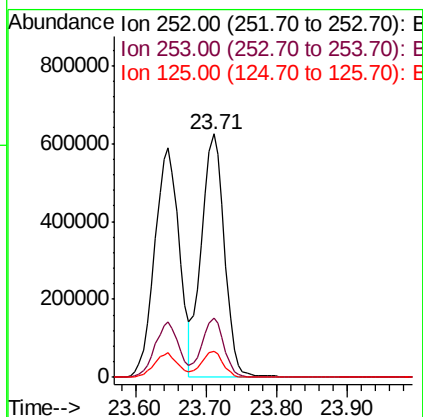
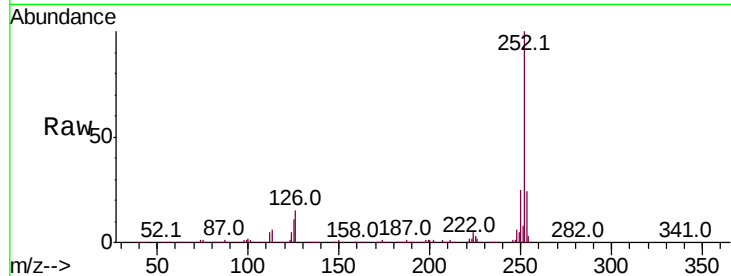
#89
Benzo(k)fluoranthene
Concen: 50.356 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.1	28.7
125	10.9	8.6	12.8

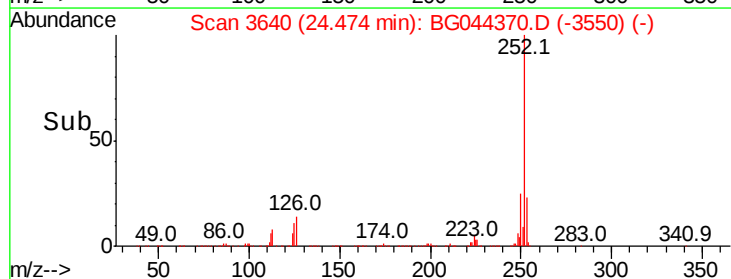
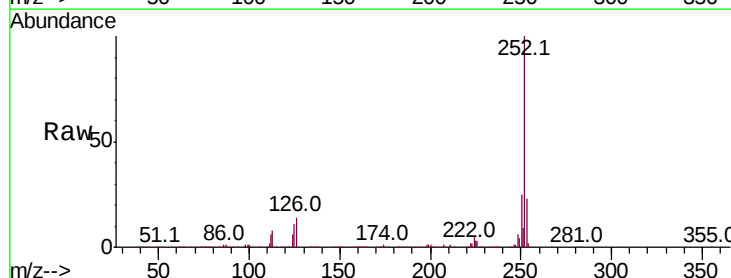
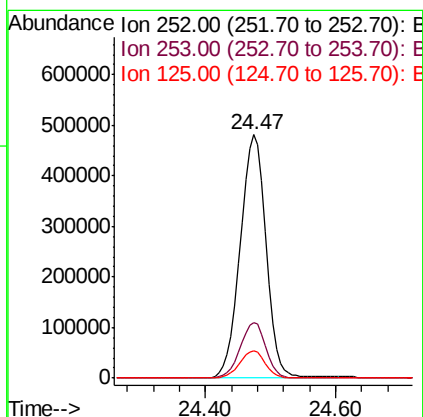
Manual Integrations
APPROVED

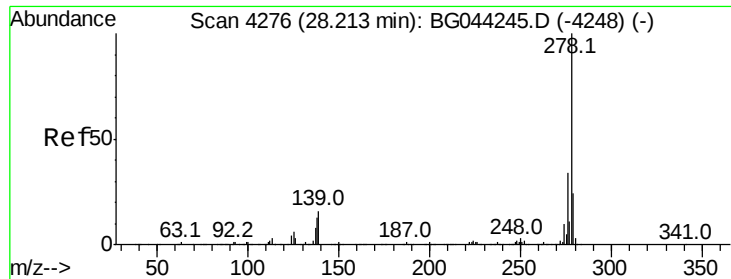
mohammad
2/12/2020 9:49:49 AM



#90
Benzo(a)pyrene
Concen: 48.648 ng
RT: 24.47 min Scan# 3640
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.4	8.6	13.0





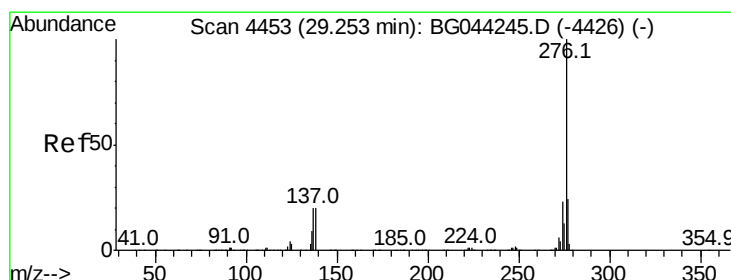
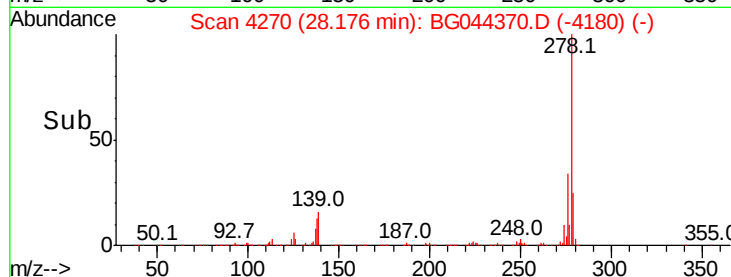
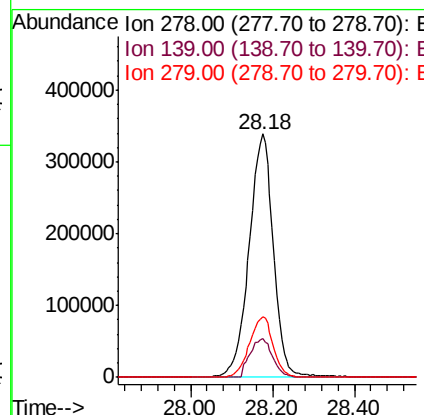
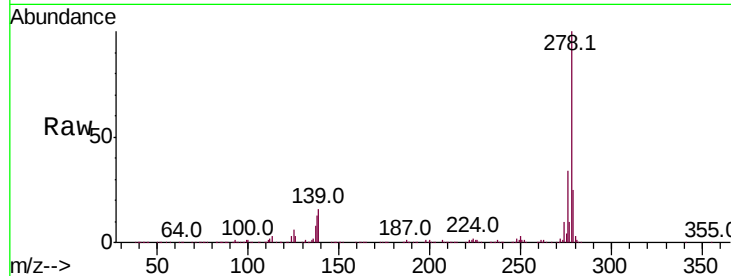
#91
Dibenzo(a,h)anthracene
Concen: 51.707 ng
RT: 28.18 min Scan# 4270
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Instrument :
BNA_G
ClientSampleId :
PB126703BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	25.0	19.3	28.9

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 52.061 ng
RT: 29.20 min Scan# 4445
Delta R.T. -0.00 min
Lab File: BG044370.D
Acq: 11 Feb 2020 1:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	20.9	16.2	24.2

