

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044303.D
 Acq On : 5 Feb 2020 14:09
 Operator : CG/JU
 Sample : PB126601BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Manual Integrations
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Quant Time: Feb 06 01:21:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	84333	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	386839	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	271742	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	610713	20.00	ng	0.00
76) Chrysene-d12	21.55	240	540833	20.00	ng	0.00
87) Perylene-d12	24.64	264	499326	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	614847	128.67	ng	0.00
7) Phenol-d6	7.09	99	828460	129.11	ng	0.00
23) Nitrobenzene-d5	9.07	82	503951	73.55	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	368481	115.51	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1180883	72.77	ng	0.00
79) Terphenyl-d14	19.92	244	1844461	70.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	78088	36.372	ng	99
3) Pyridine	3.77	79	189263	33.088	ng	96
4) n-Nitrosodimethylamine	3.69	42	98569	41.239	ng	98
6) Aniline	7.24	93	262135	32.911	ng	98
8) 2-Chlorophenol	7.48	128	262542	49.992	ng	97
9) Benzaldehyde	7.05	77	81205	22.220	ng	97
10) Phenol	7.11	94	328885	51.789	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	238516	43.932	ng	97
12) 1,3-Dichlorobenzene	7.81	146	260677	41.573	ng	99
13) 1,4-Dichlorobenzene	7.95	146	262198	42.220	ng	100
14) 1,2-Dichlorobenzene	8.27	146	250969	42.754	ng	98
15) Benzyl Alcohol	8.15	79	221260	48.704	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	305267	41.542	ng	99
17) 2-Methylphenol	8.36	107	233064	51.438	ng	96
18) Hexachloroethane	9.00	117	96269	41.309	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	187885	43.934	ng	98
20) 3+4-Methylphenols	8.69	107	322775	51.691	ng	97
22) Acetophenone	8.73	105	359014	38.150	ng	100
24) Nitrobenzene	9.12	77	271027	40.517	ng	98
25) Isophorone	9.64	82	525434	41.142	ng	98
26) 2-Nitrophenol	9.83	139	153652	44.268	ng	98
27) 2,4-Dimethylphenol	9.90	122	262515	53.578	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	336319	39.476	ng	99
29) 2,4-Dichlorophenol	10.37	162	275716	46.538	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	263020	38.718	ng	98
31) Naphthalene	10.77	128	777461	41.424	ng	100
32) Benzoic acid	10.05	122	127678	42.053	ng	97
33) 4-Chloroaniline	10.87	127	200796	23.524	ng	98
34) Hexachlorobutadiene	11.06	225	149578	35.783	ng	99
35) Caprolactam	11.64	113	109880m	50.630	ng	
36) 4-Chloro-3-methylphenol	12.01	107	302332	48.672	ng	99
37) 2-Methylnaphthalene	12.38	142	593044	42.558	ng	99
38) 1-Methylnaphthalene	12.59	142	564919	43.000	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	292223	35.950	ng	99

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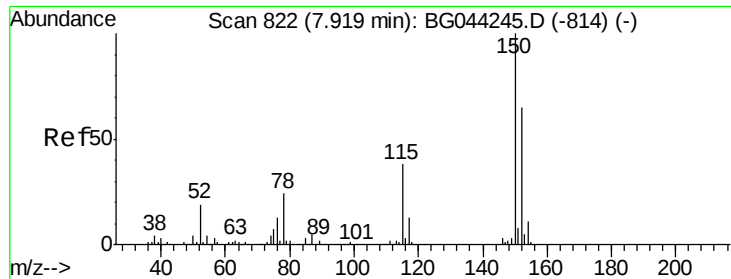
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	272261	69.804	ng	97
43) 2,4,6-Trichlorophenol	12.99	196	229271	43.636	ng	97
44) 2,4,5-Trichlorophenol	13.06	196	248041	46.219	ng	99
46) 1,1'-Biphenyl	13.39	154	769839	39.275	ng	99
47) 2-Chloronaphthalene	13.43	162	596579	38.248	ng	99
48) 2-Nitroaniline	13.63	65	191478	41.597	ng	99
49) Acenaphthylene	14.27	152	962817	42.086	ng	99
50) Dimethylphthalate	14.01	163	802225	41.069	ng	100
51) 2,6-Dinitrotoluene	14.13	165	187360	43.018	ng	97
52) Acenaphthene	14.62	154	593524	40.026	ng	97
53) 3-Nitroaniline	14.45	138	144437	29.975	ng	100
54) 2,4-Dinitrophenol	14.66	184	219308	84.505	ng	99
55) Dibenzofuran	14.96	168	943044	42.005	ng	99
56) 4-Nitrophenol	14.77	139	345481	97.881	ng	99
57) 2,4-Dinitrotoluene	14.92	165	267748	43.862	ng	95
58) Fluorene	15.60	166	751096	42.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	223548	46.116	ng	99
60) Diethylphthalate	15.38	149	810406	41.637	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	392909	40.980	ng	98
62) 4-Nitroaniline	15.62	138	189044	39.263	ng	97
63) Azobenzene	15.89	77	729461	42.762	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	160224	47.528	ng	98
66) n-Nitrosodiphenylamine	15.81	169	714371	41.740	ng	98
67) 4-Bromophenyl-phenylether	16.49	248	265179	39.855	ng	99
68) Hexachlorobenzene	16.61	284	288370	38.685	ng	99
69) Atrazine	16.76	200	268850	45.831	ng	97
70) Pentachlorophenol	16.95	266	323054	85.477	ng	98
71) Phenanthrene	17.34	178	1208051	40.850	ng	99
72) Anthracene	17.44	178	1229856	42.064	ng	99
73) Carbazole	17.70	167	1116321	41.416	ng	99
74) Di-n-butylphthalate	18.26	149	1353772	40.644	ng	99
75) Fluoranthene	19.35	202	1405005	41.070	ng	99
77) Benzidine	19.53	184	275264	18.349	ng	97
78) Pyrene	19.71	202	1426942	41.084	ng	98
80) Butylbenzylphthalate	20.60	149	644004	40.688	ng	99
81) Benzo(a)anthracene	21.53	228	1369722	41.093	ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	444357	34.349	ng	100
83) Chrysene	21.59	228	1310680	40.681	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	887463	40.736	ng	100
85) Di-n-octyl phthalate	22.62	149	1566886	41.568	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1703206	40.520	ng	100
88) Benzo(b)fluoranthene	23.67	252	1450645	50.417	ng	99
89) Benzo(k)fluoranthene	23.73	252	1444545	51.512	ng	100
90) Benzo(a)pyrene	24.50	252	1337433	49.162	ng	98
91) Dibenzo(a,h)anthracene	28.22	278	1405940	52.220	ng	100
92) Benzo(g,h,i)perylene	29.25	276	1424264	52.844	ng	98

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



#1

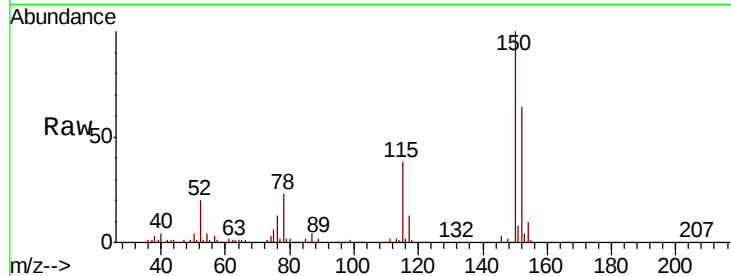
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampled :
PB126601BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.6	183.8
115	59.7	46.0	69.0

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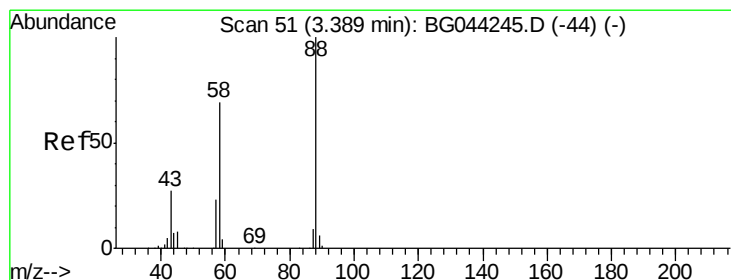
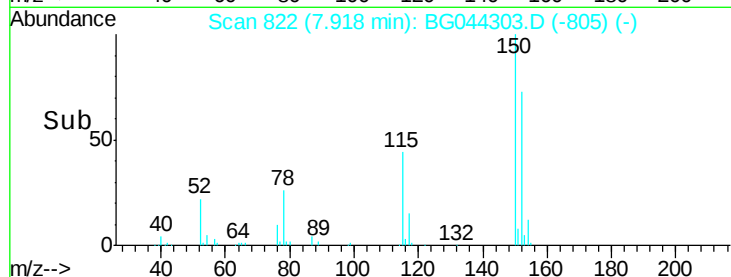
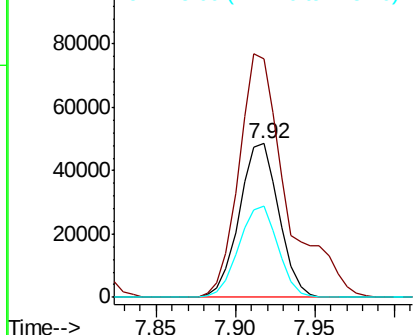


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

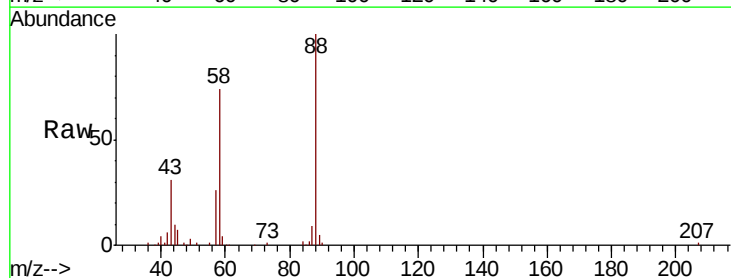
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.372 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	55.8	83.6
43	25.8	21.6	32.4

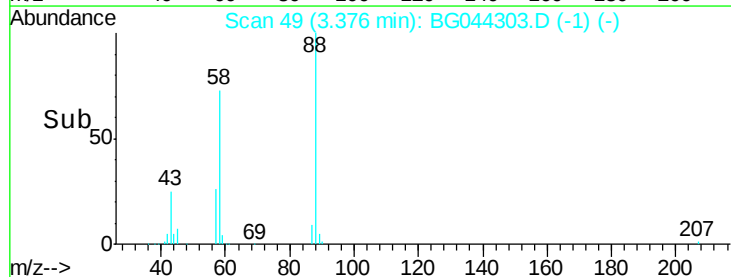
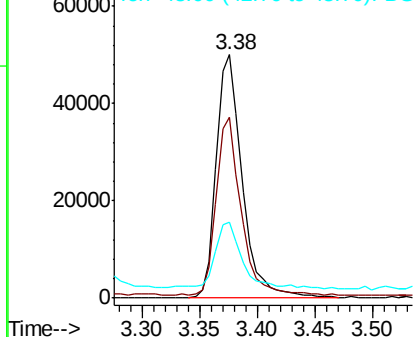


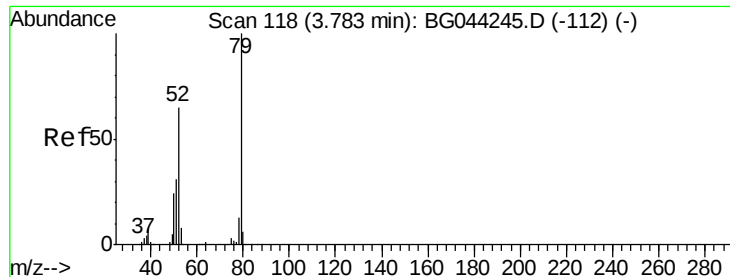
Abundance

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: 33.088 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

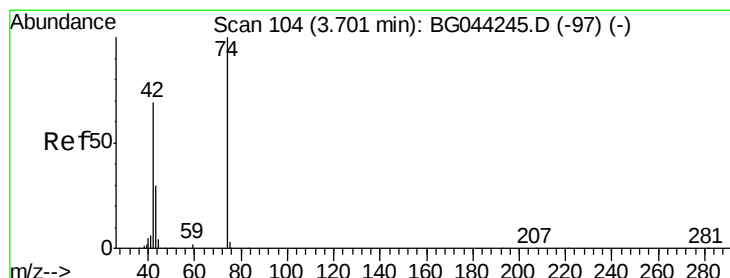
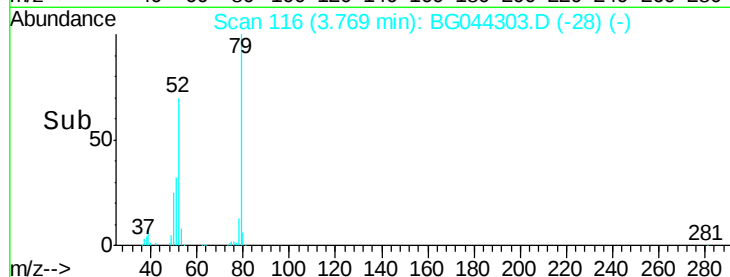
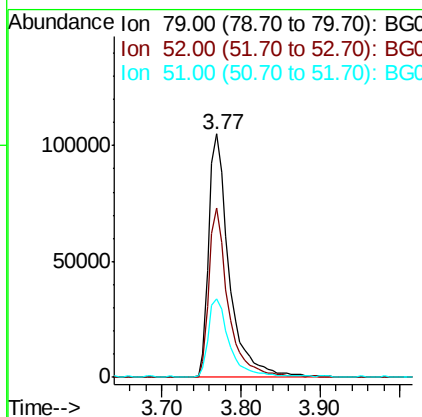
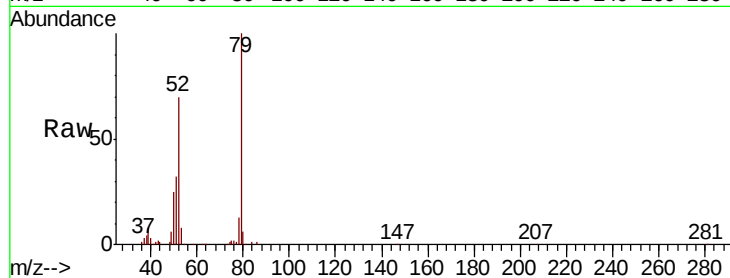
ClientSampleId :

PB126601BS

Tot Ion:	79	Resp:	189263
Ion	Ratio	Lower	Upper
79	100		
52	69.6	51.9	77.9
51	32.2	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 41.239 ng

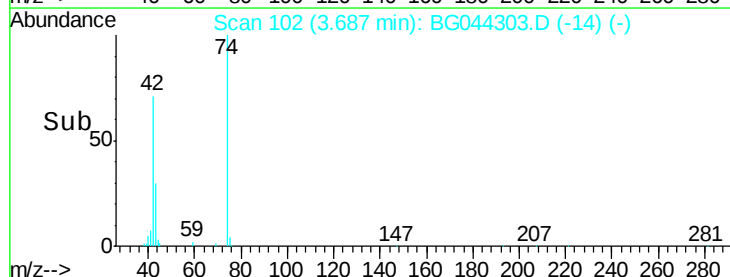
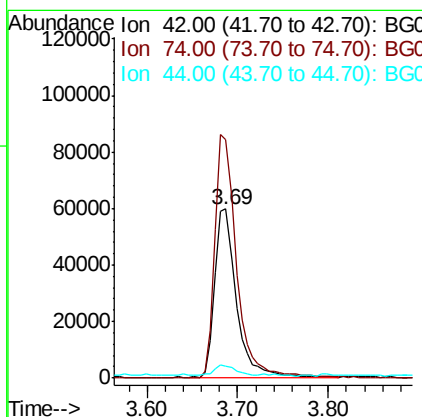
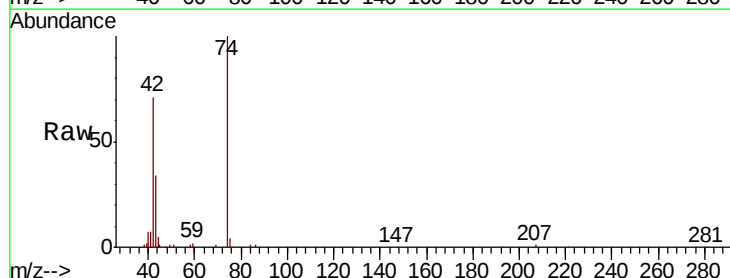
RT: 3.69 min Scan# 102

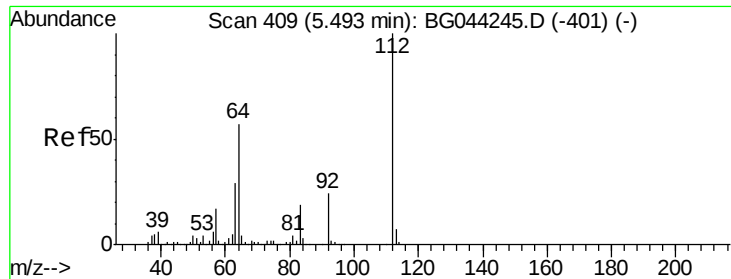
Delta R.T. -0.01 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	42	Resp:	98569
Ion	Ratio	Lower	Upper
42	100		
74	140.8	115.1	172.7
44	7.4	5.6	8.4





#5

2-Fluorophenol

Concen: 128.669 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

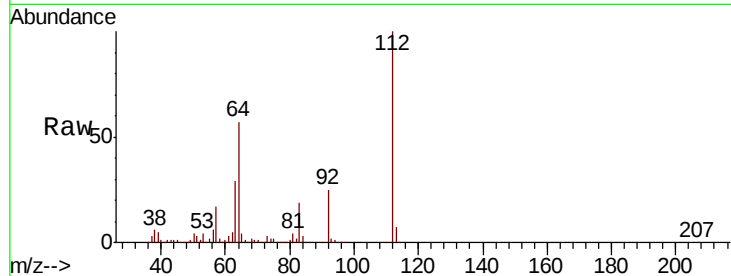
ClientSampleId :

PB126601BS

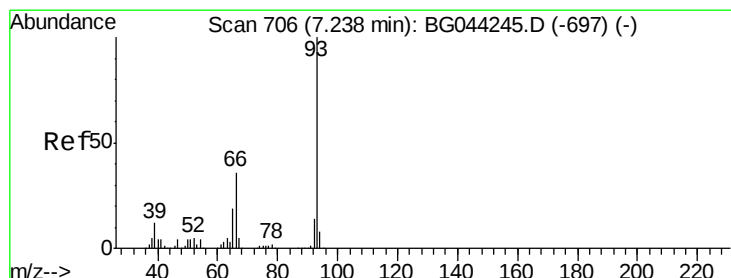
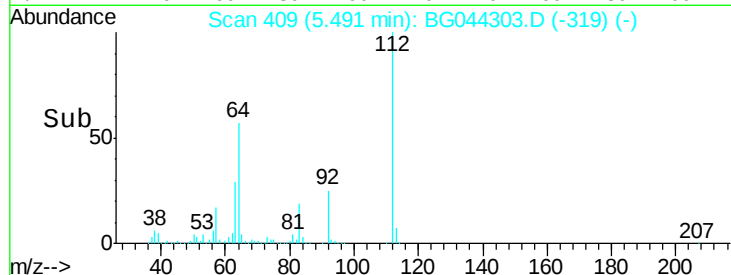
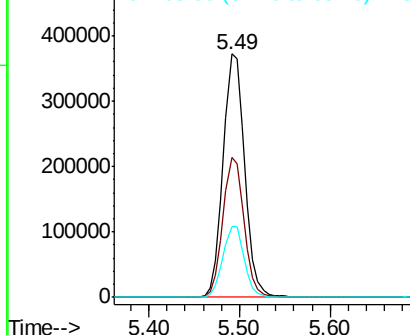
Tot Ion:	112	Resp:	614847
Ion Ratio	Lower	Upper	
112	100		
64	57.4	45.4	68.2
63	29.2	22.9	34.3

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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: 32.911 ng

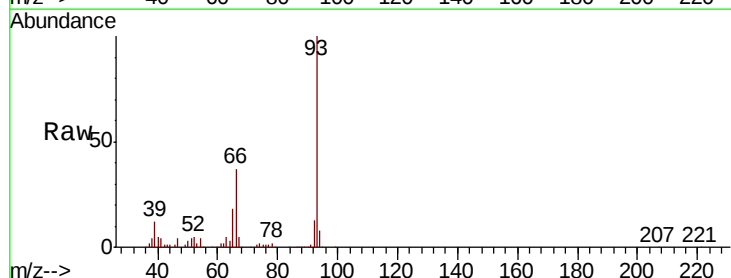
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

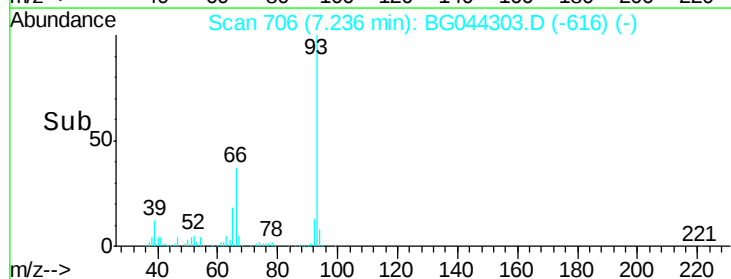
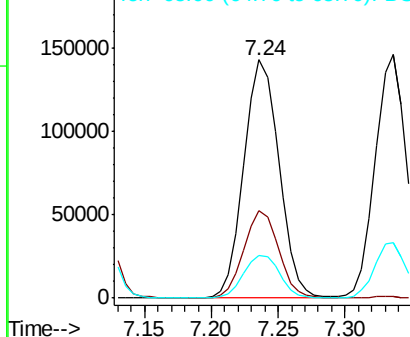
Lab File: BG044303.D

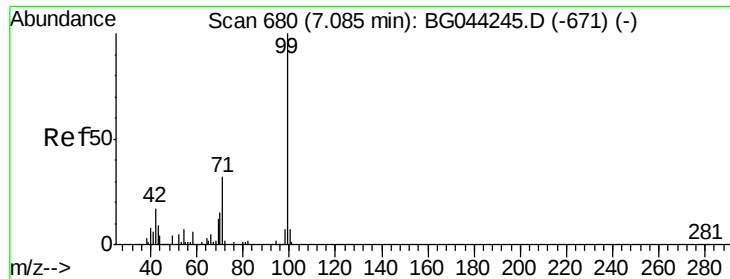
Acq: 5 Feb 2020 14:09

Tgt Ion:	93	Resp:	262135
Ion Ratio	Lower	Upper	
93	100		
66	36.8	28.7	43.1
65	18.1	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: 129.108 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

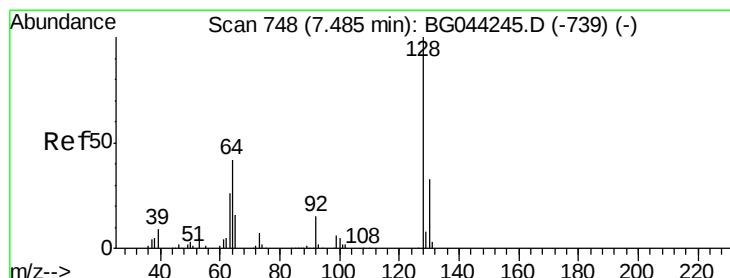
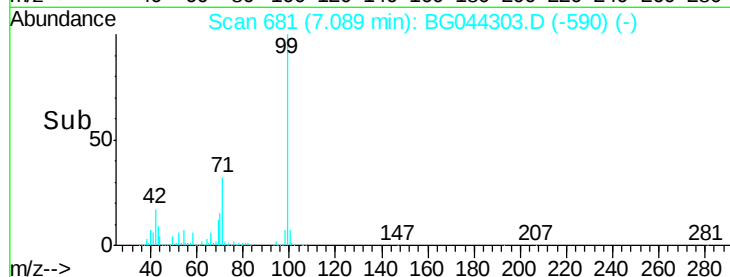
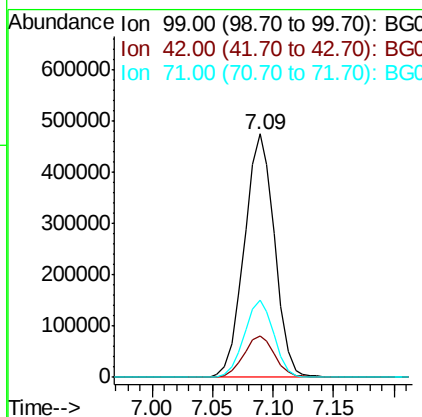
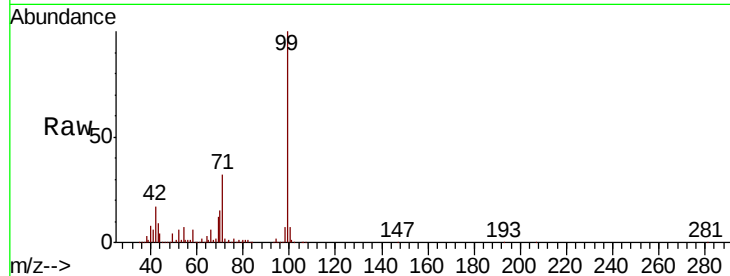
ClientSampleId :

PB126601BS

Tot Ion:	99	Resp:	828460
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.6
71	31.8	25.5	38.3

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#8

2-Chlorophenol

Concen: 49.992 ng

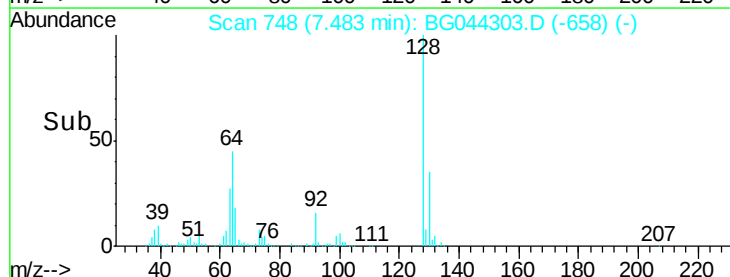
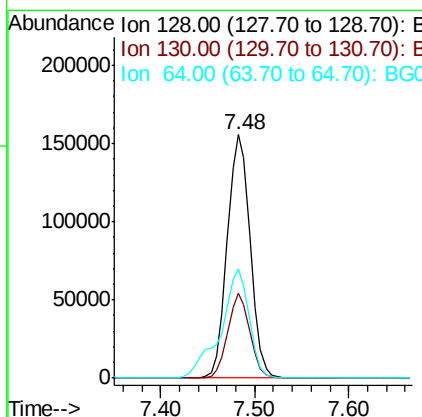
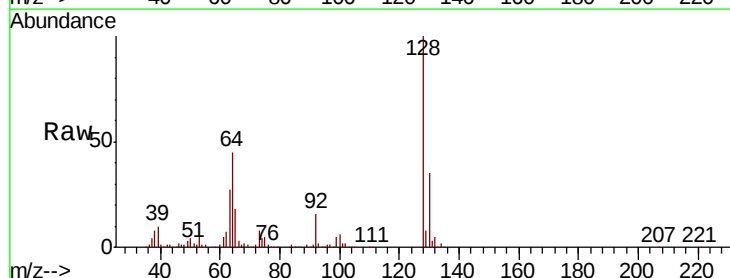
RT: 7.48 min Scan# 748

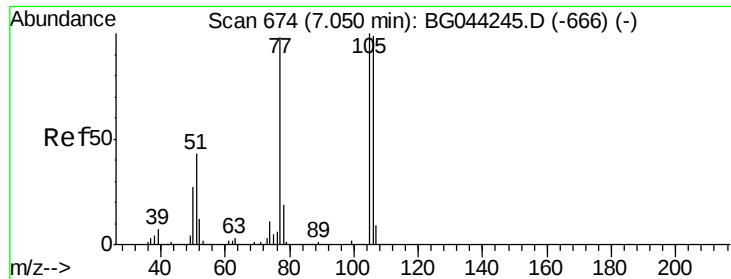
Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	128	Resp:	262542
Ion	Ratio	Lower	Upper
128	100		
130	35.1	12.5	52.5
64	44.9	24.2	64.2





#9

Benzaldehyde

Concen: 22.220 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

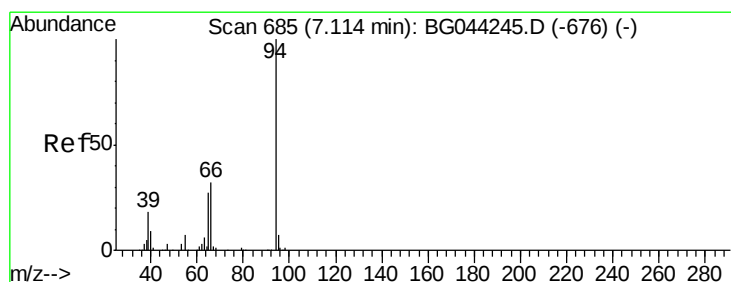
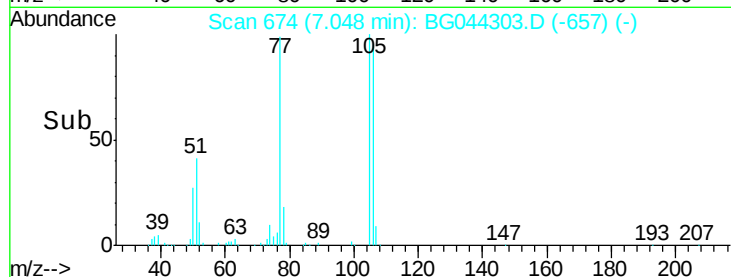
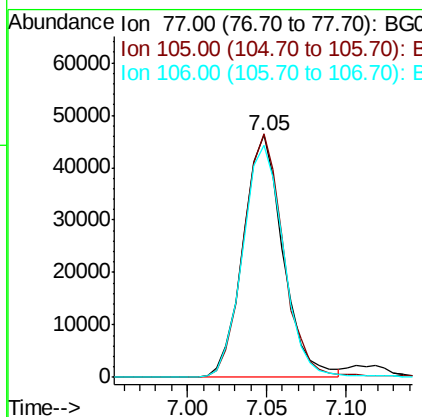
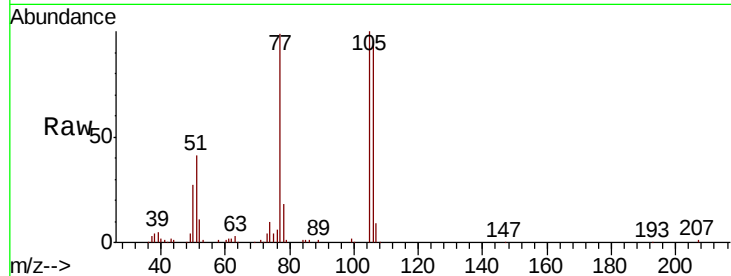
ClientSampleId :

PB126601BS

Tot Ion:	77	Resp:	81205
Ion	Ratio	Lower	Upper
77	100		
105	100.6	82.0	122.0
106	95.9	80.7	120.7

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#10

Phenol

Concen: 51.789 ng

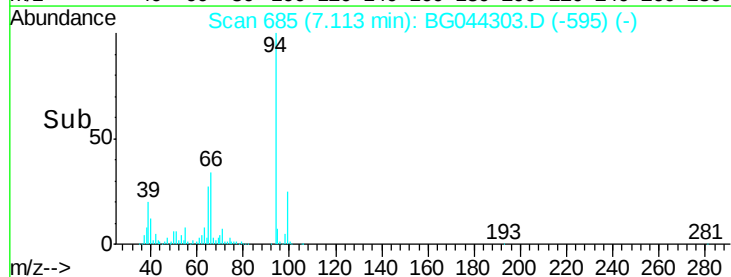
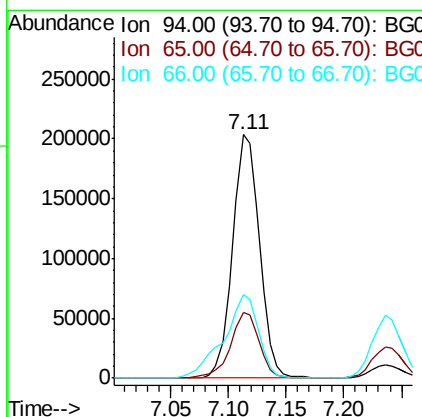
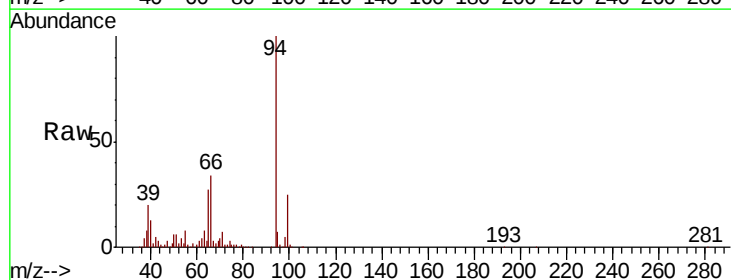
RT: 7.11 min Scan# 685

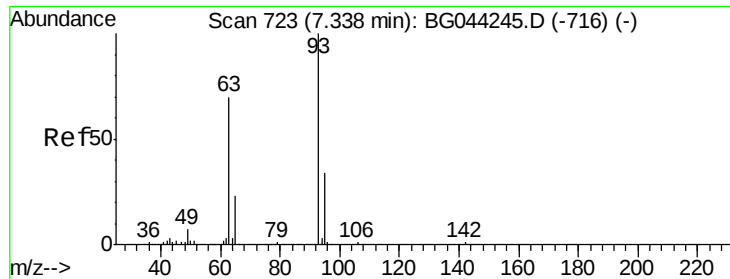
Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	94	Resp:	328885
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.0	47.0
66	34.4	12.7	52.7





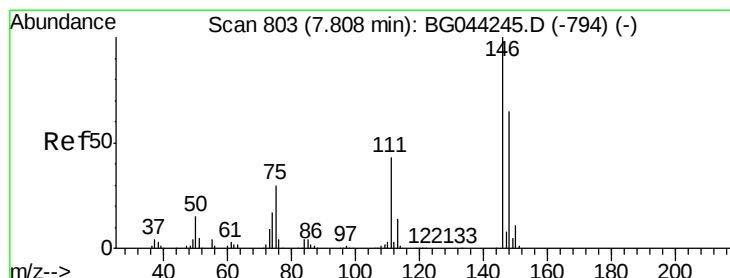
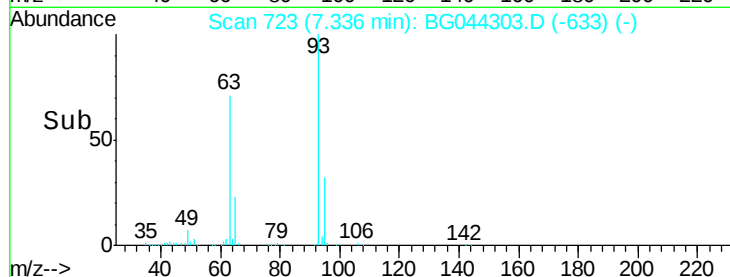
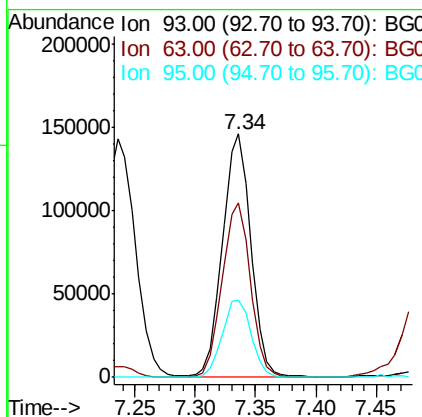
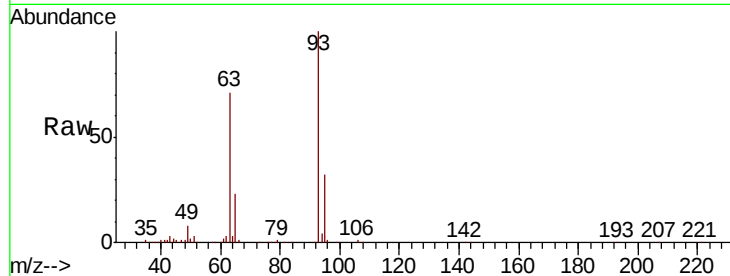
#11
bis(2-Chloroethyl)ether
Concen: 43.932 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:	93	Resp:	238516
Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.2	89.2
95	31.9	13.6	53.6

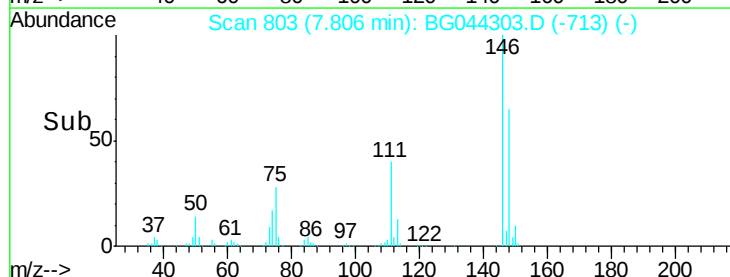
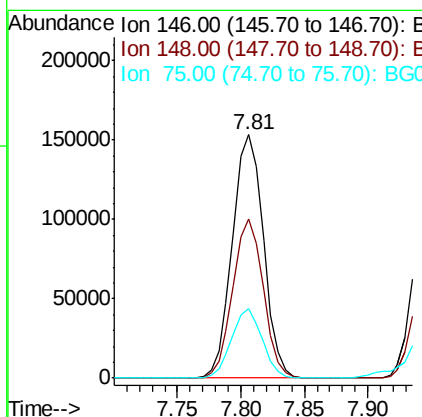
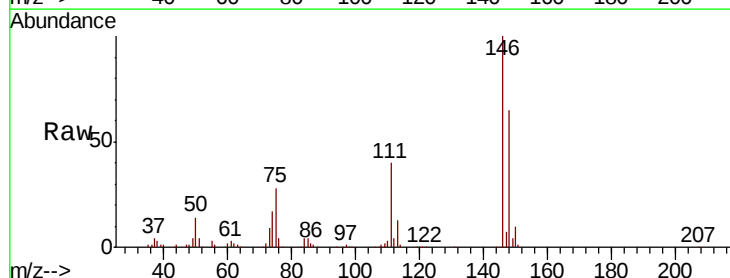
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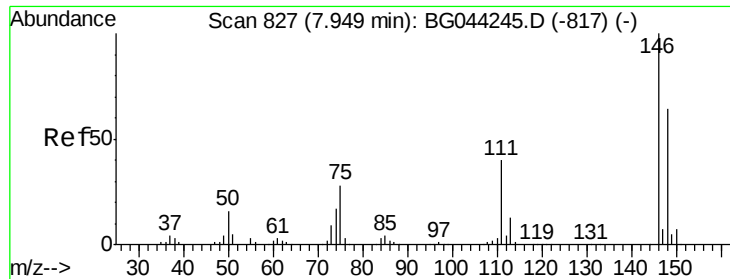
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.573 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:	146	Resp:	260677
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	28.5	23.7	35.5





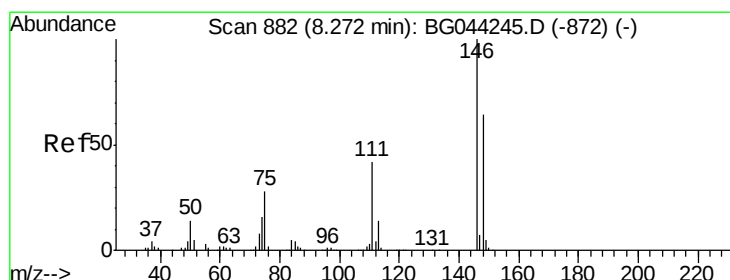
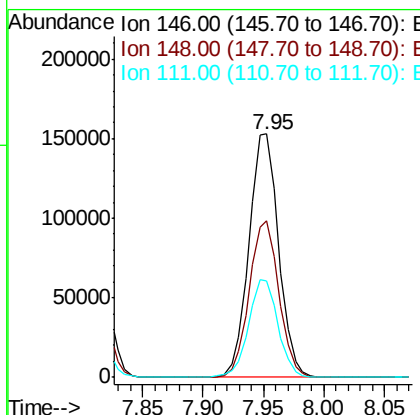
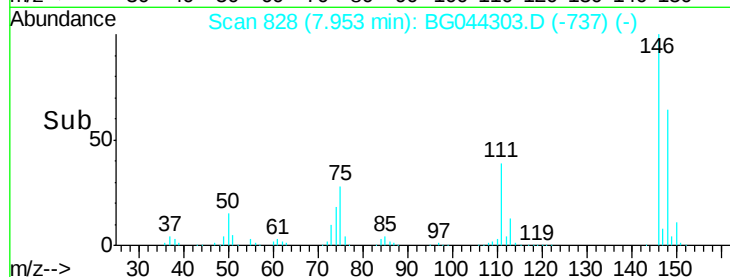
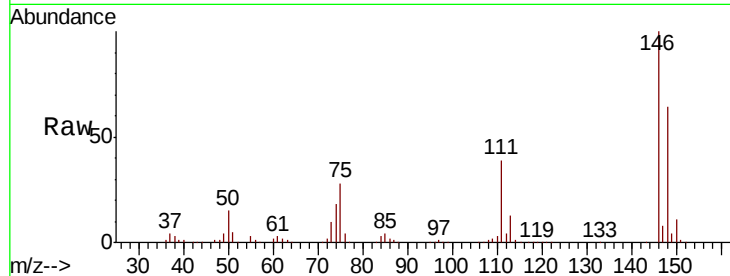
#13
 1,4-Dichlorobenzene
 Concen: 42.220 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	39.4	31.8	47.8

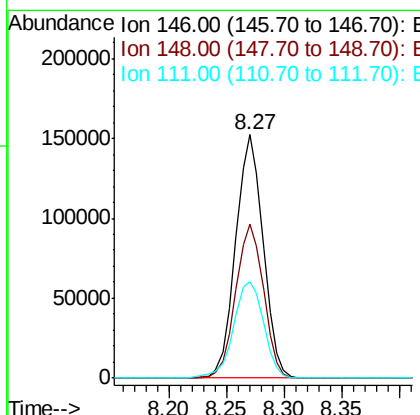
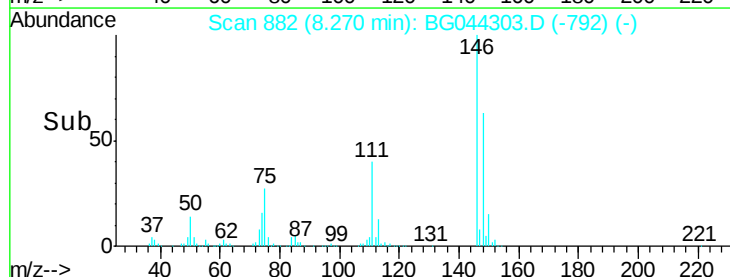
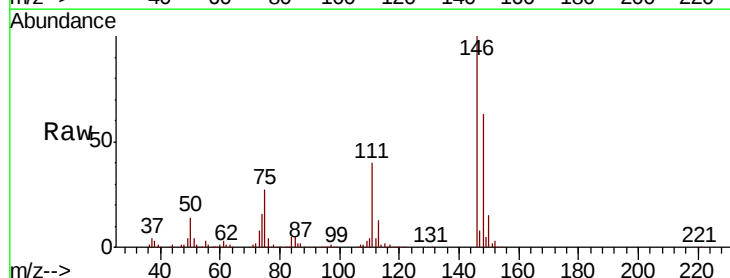
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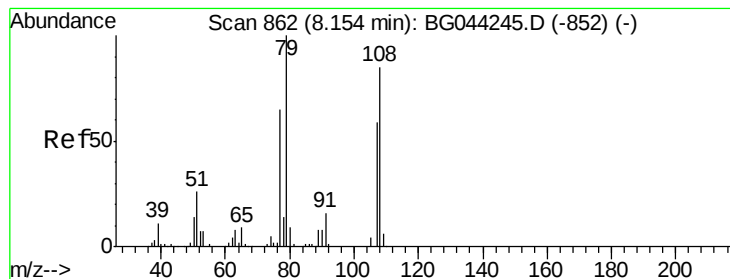
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#14
 1,2-Dichlorobenzene
 Concen: 42.754 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
111	39.9	34.0	51.0





#15

Benzyl Alcohol

Concen: 48.704 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

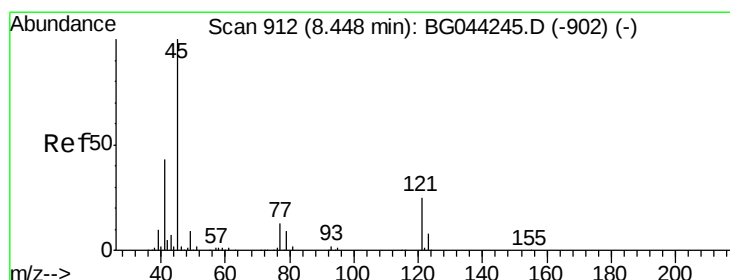
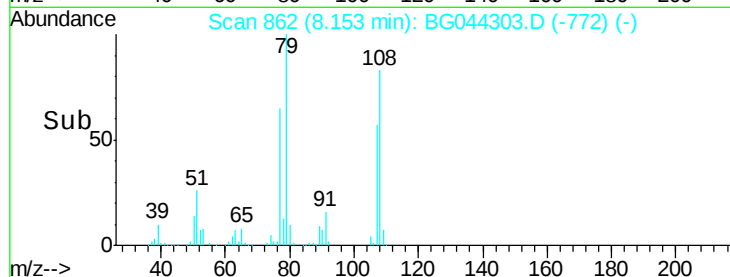
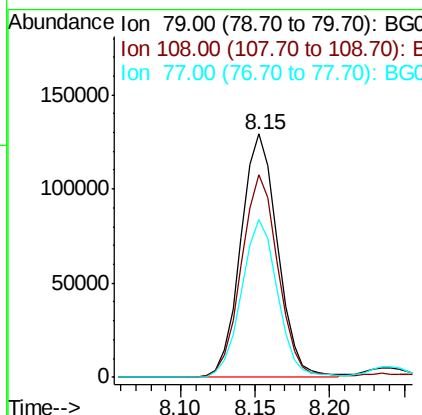
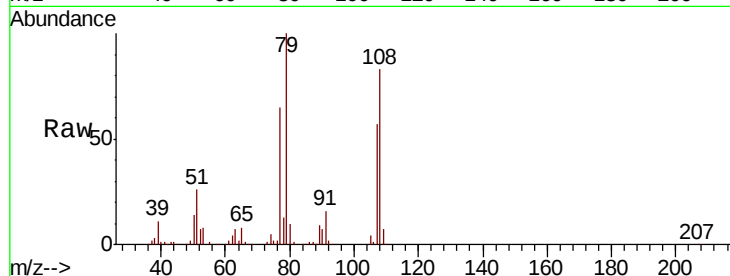
ClientSampleId :

PB126601BS

Tot Ion:	79	Resp:	221260
Ion	Ratio	Lower	Upper
79	100		
108	83.3	68.3	102.5
77	64.6	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.542 ng

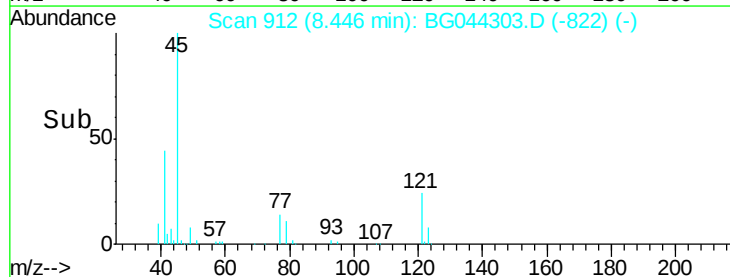
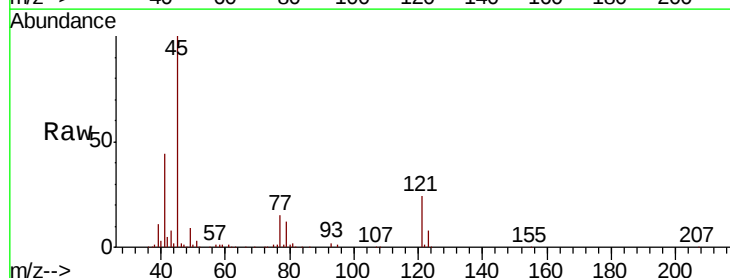
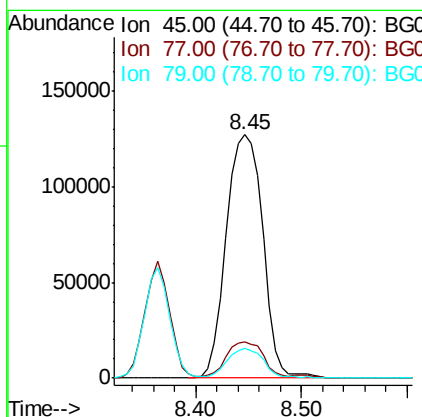
RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	45	Resp:	305267
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.2
79	12.3	0.0	31.1





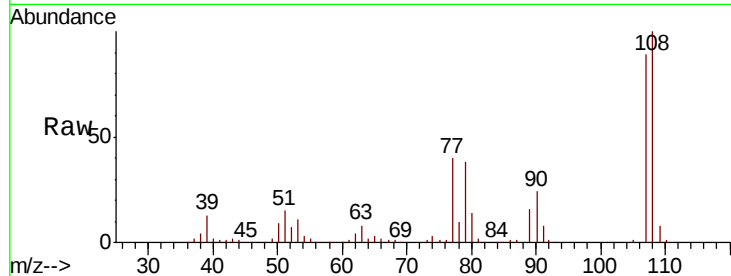
#17
2-Methylphenol
Concen: 51.438 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

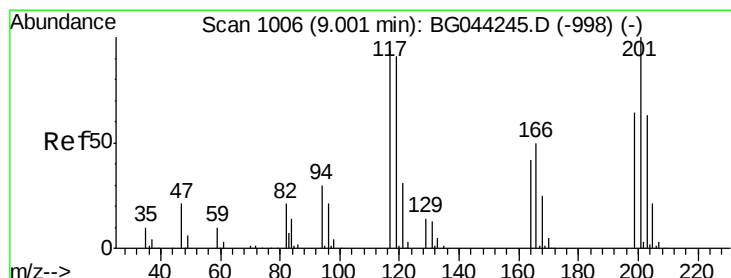
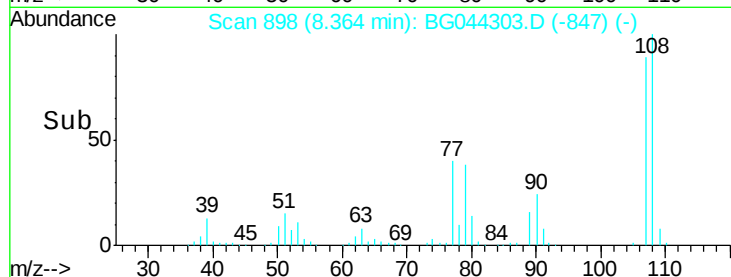
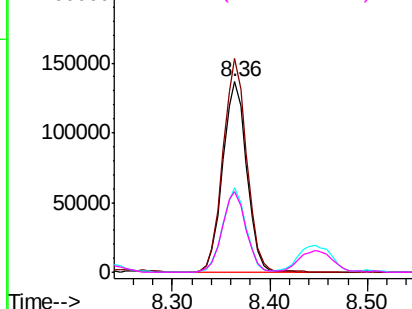
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	86.4	129.6	
77	44.7	34.0	51.0	
79	42.6	32.9	49.3	

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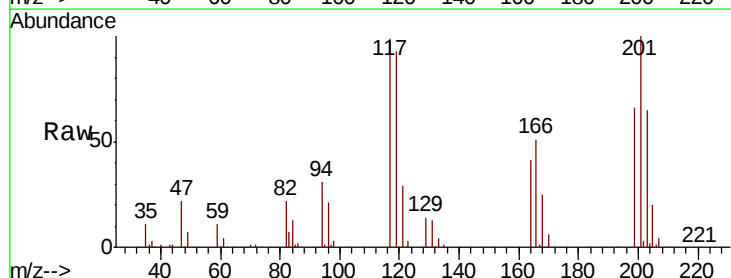


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

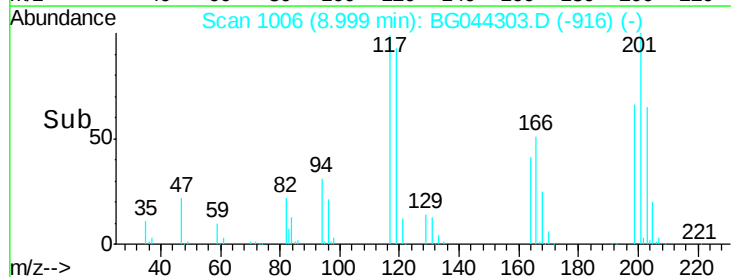
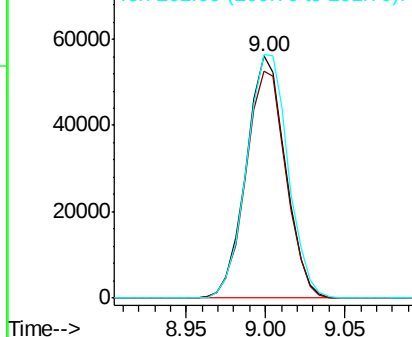


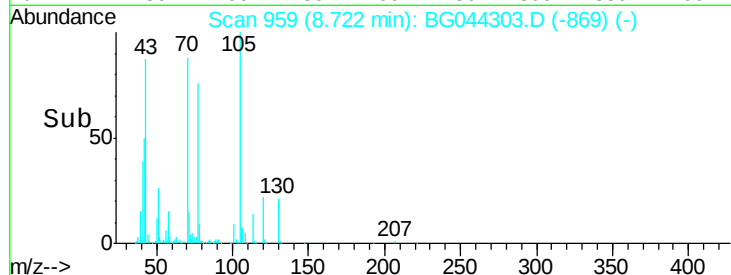
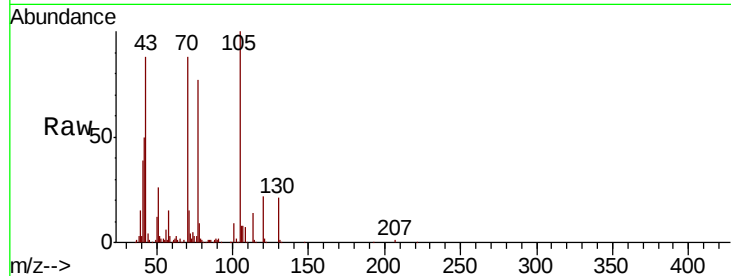
#18
Hexachloroethane
Concen: 41.309 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	77.5	116.3	
201	100.7	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





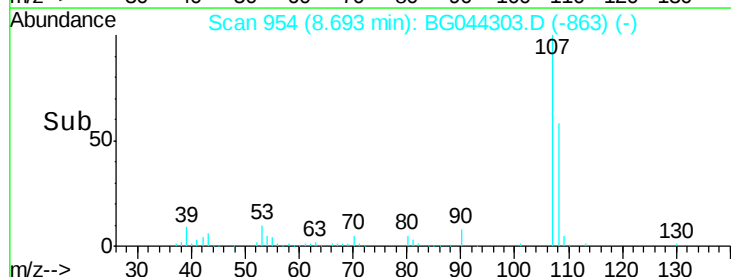
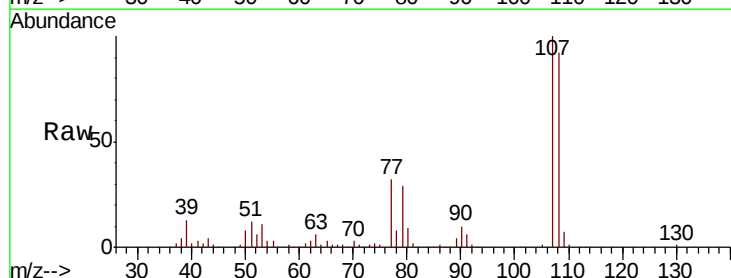
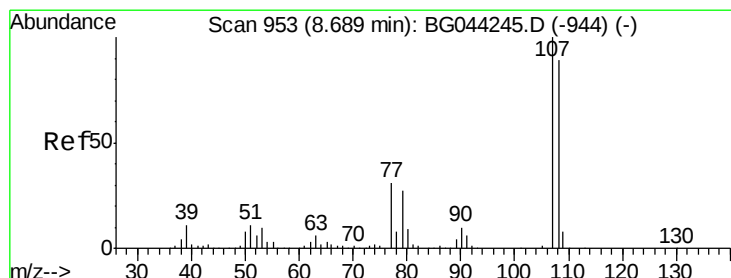
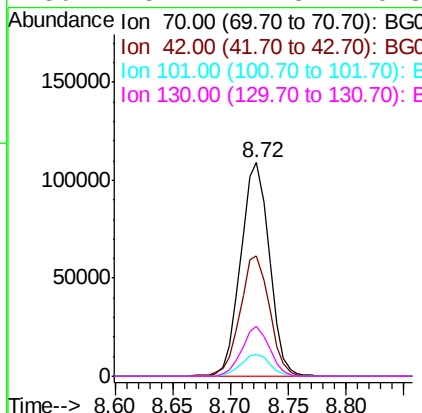
#19
n-Nitroso-di-n-propylamine
Concen: 43.934 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.5	46.2	69.2	
101	10.1	8.4	12.6	
130	23.7	17.8	26.8	

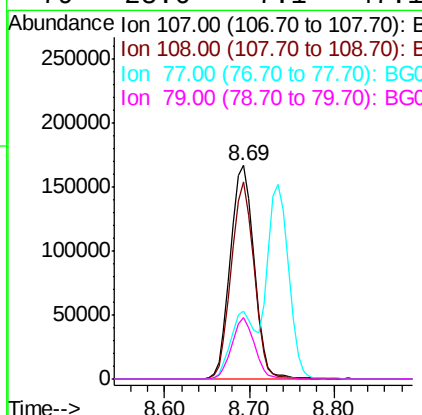
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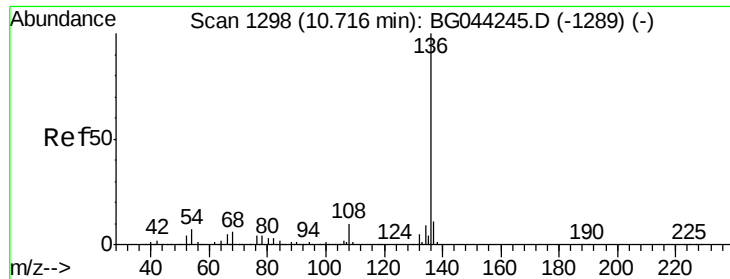
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#20
3+4-Methylphenols
Concen: 51.691 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	68.5	108.5	
77	32.0	10.9	50.9	
79	28.6	7.1	47.1	





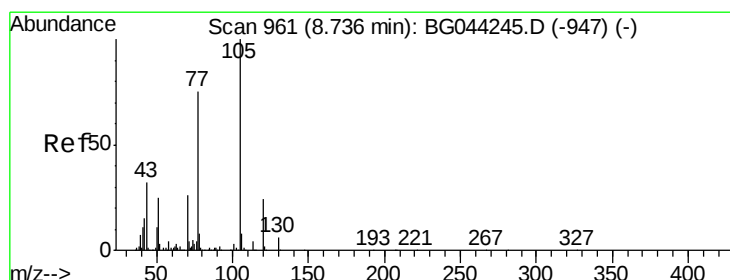
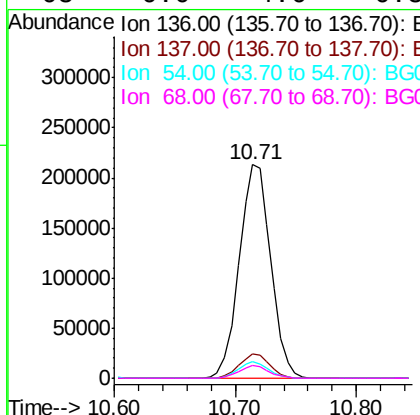
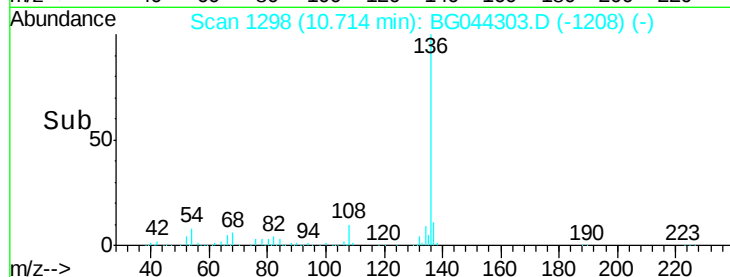
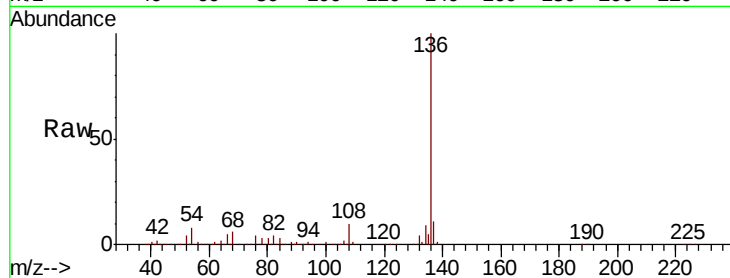
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	7.5	5.8	8.8	
68	6.0	4.6	6.8	

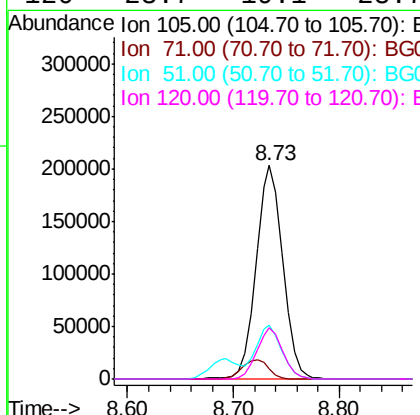
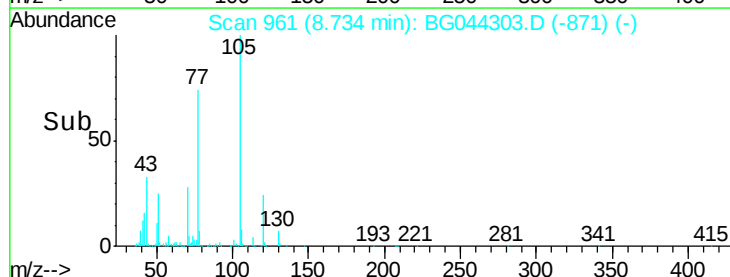
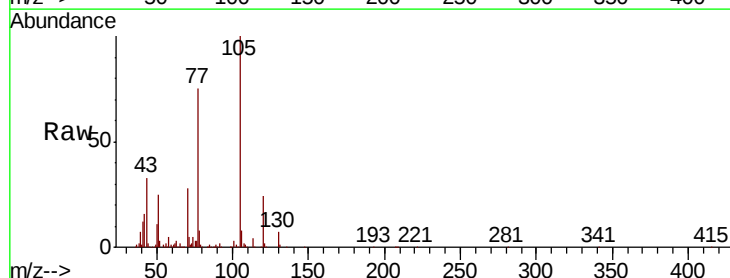
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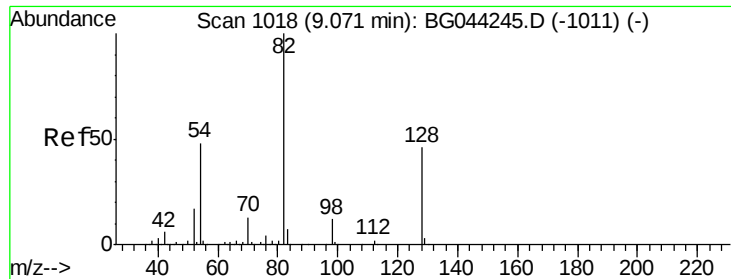
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#22
Acetophenone
Concen: 38.150 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	3.4	5.0	
51	25.1	20.2	30.4	
120	23.7	19.1	28.7	





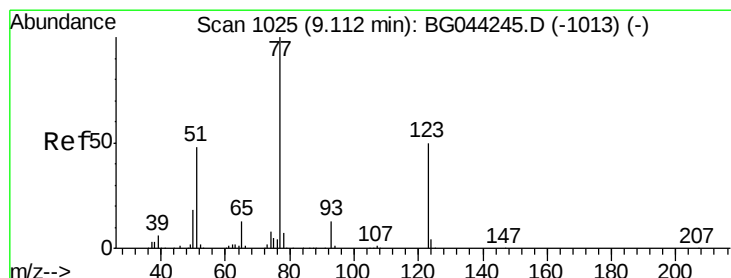
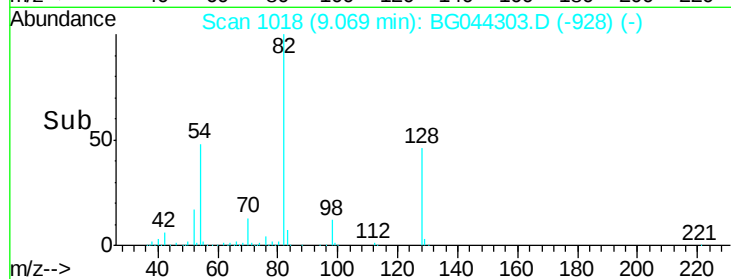
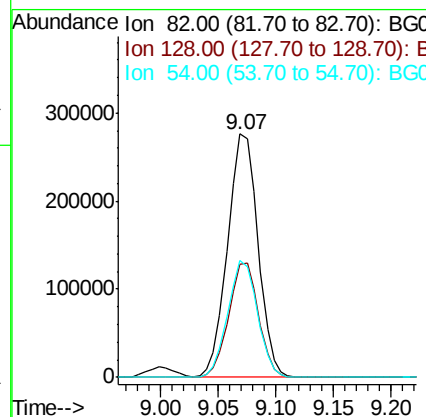
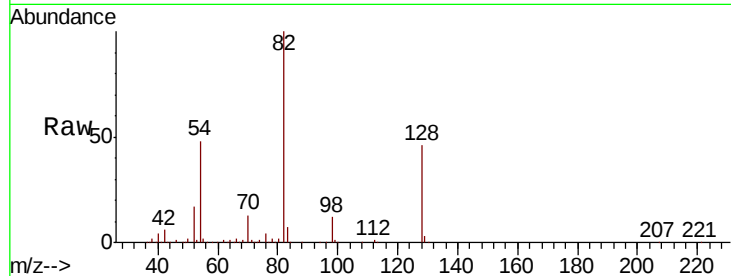
#23
Nitrobenzene-d5
Concen: 73.548 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	47.9	38.6	58.0

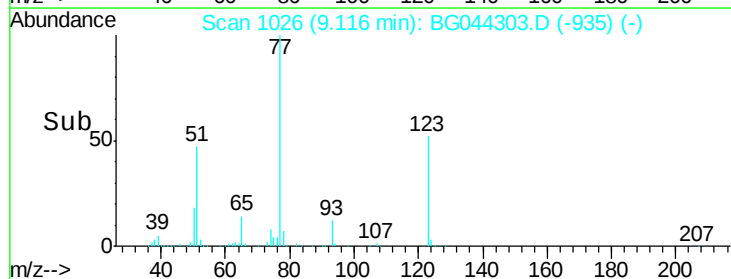
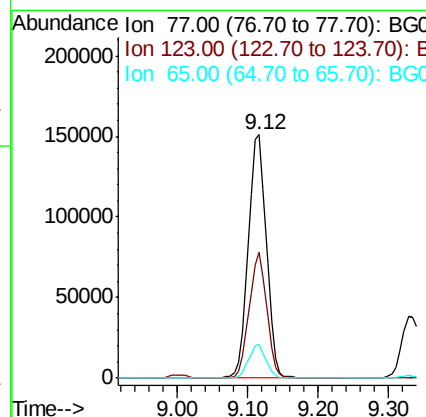
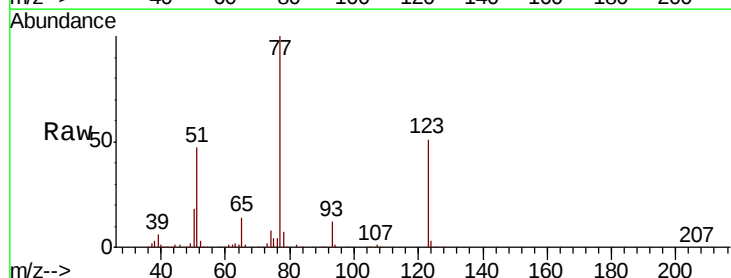
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#24
Nitrobenzene
Concen: 40.517 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.9	59.9
65	13.6	10.4	15.6





#25

Isophorone

Concen: 41.142 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

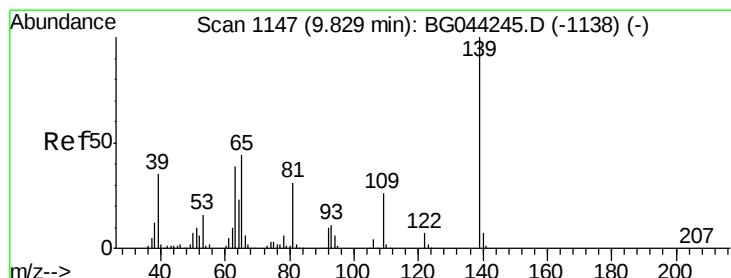
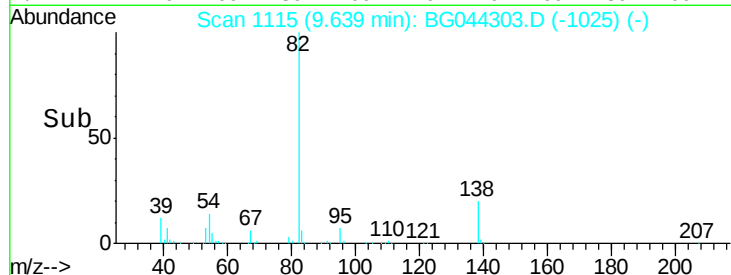
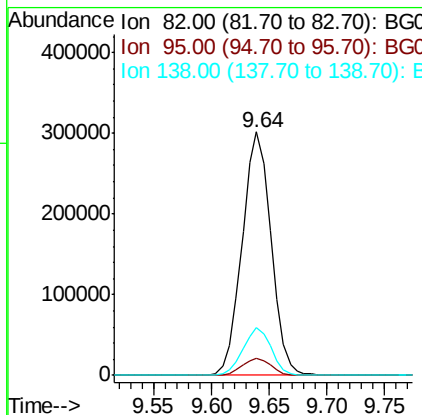
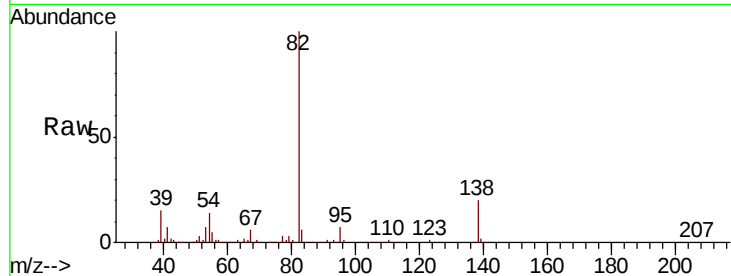
ClientSampleId :

PB126601BS

Tot Ion:	82	Resp:	525434
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	19.7	15.0	22.4

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#26

2-Nitrophenol

Concen: 44.268 ng

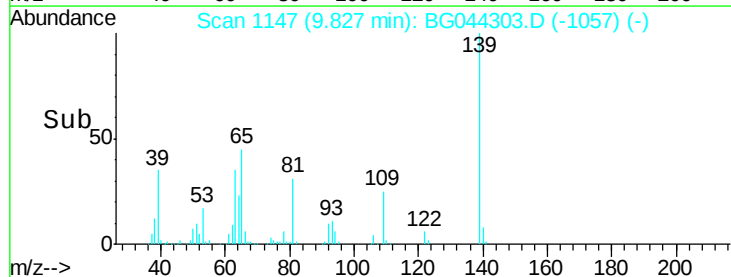
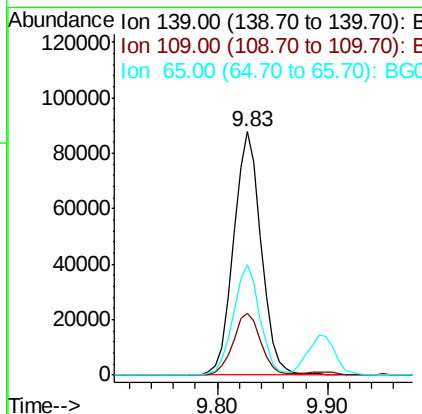
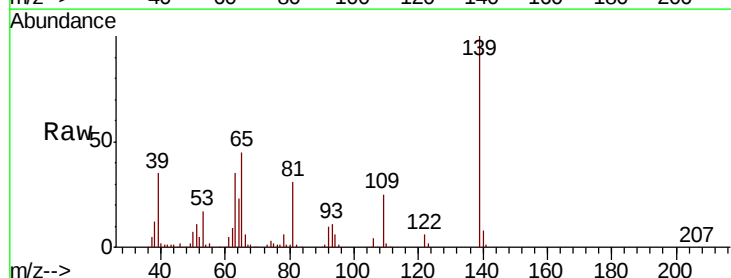
RT: 9.83 min Scan# 1147

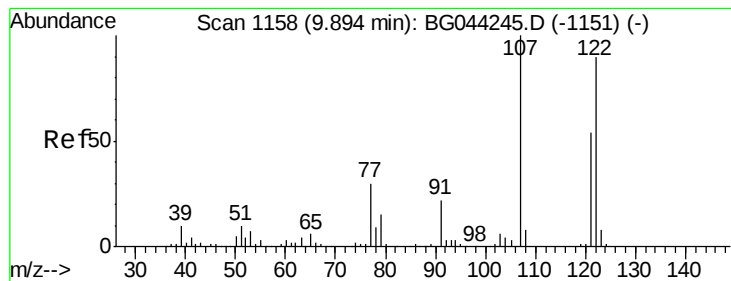
Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	139	Resp:	153652
Ion	Ratio	Lower	Upper
139	100		
109	25.2	21.0	31.4
65	45.3	35.0	52.4





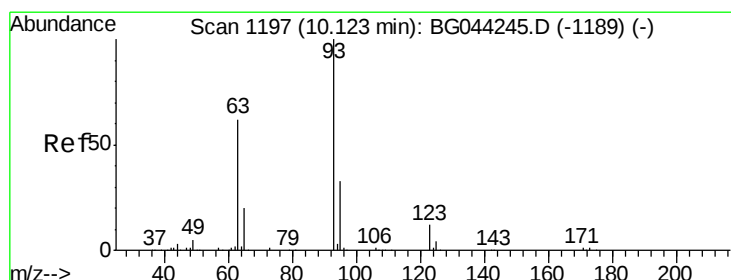
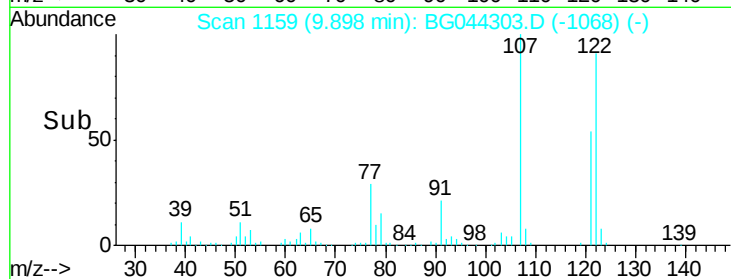
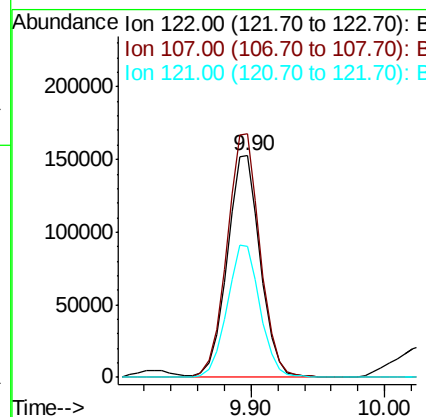
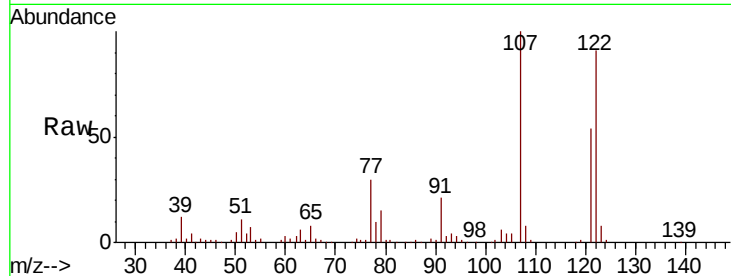
#27
2,4-Dimethylphenol
Concen: 53.578 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	88.8	133.2
121	59.1	48.3	72.5

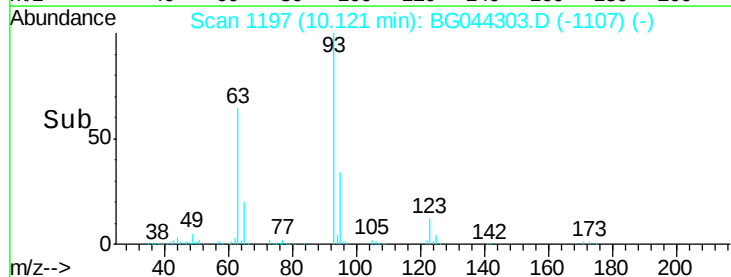
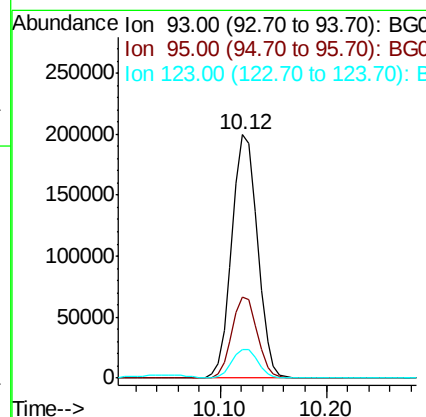
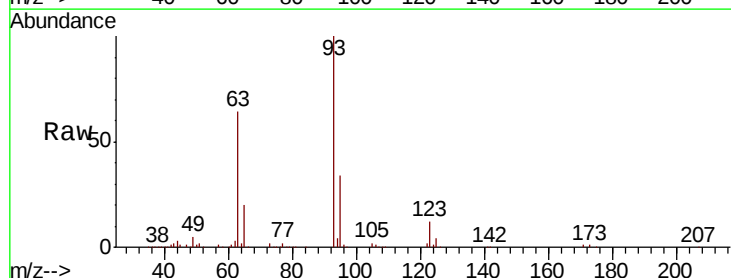
Manual Integrations
APPROVED

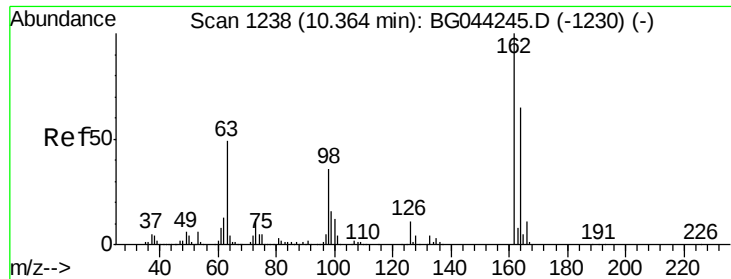
mohammad
2/6/2020 2:19:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.476 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	11.9	10.0	15.0





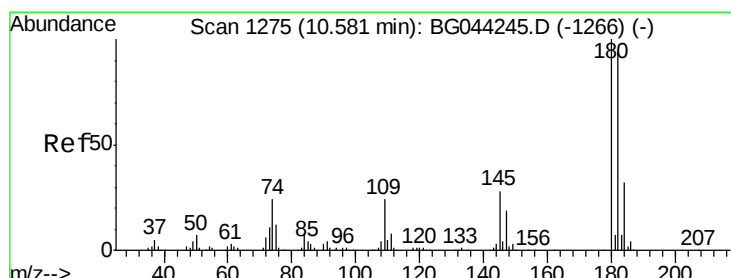
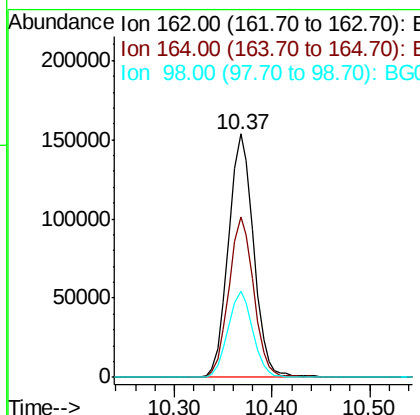
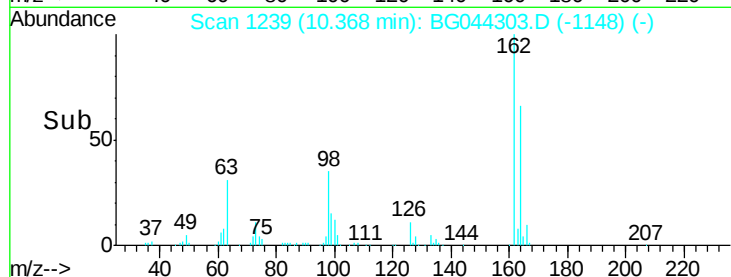
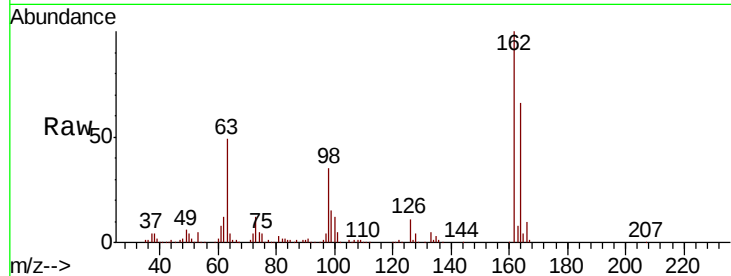
#29
2,4-Dichlorophenol
Concen: 46.538 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	275716		
164	65.8	44.7	84.7	
98	35.1	15.8	55.8	

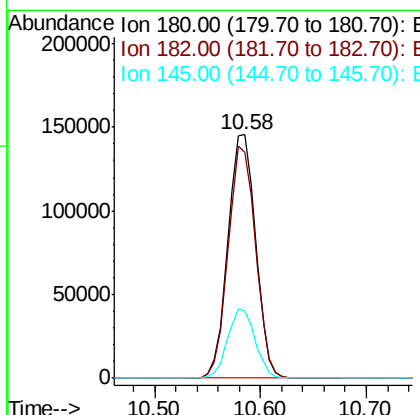
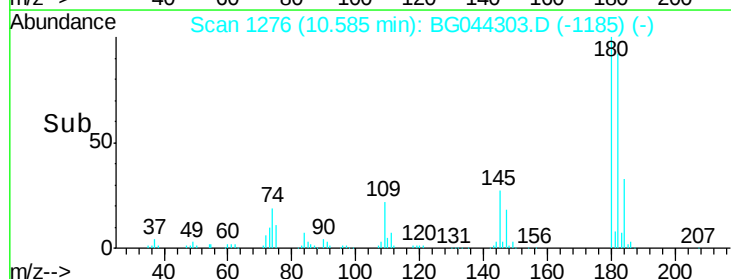
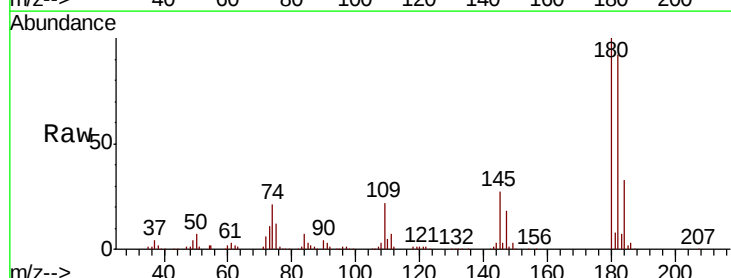
Manual Integrations
APPROVED

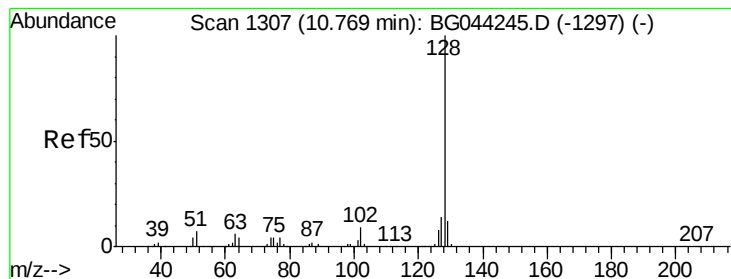
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.718 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263020		
182	92.4	75.5	113.3	
145	27.4	22.6	34.0	





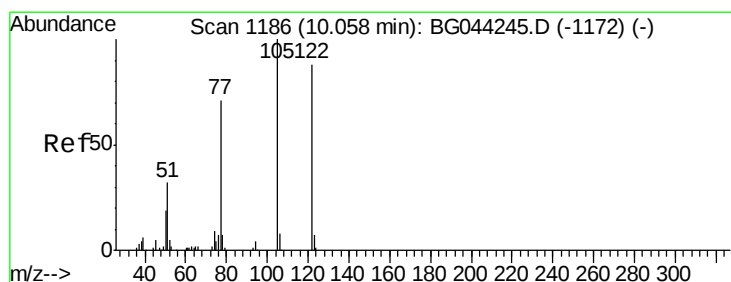
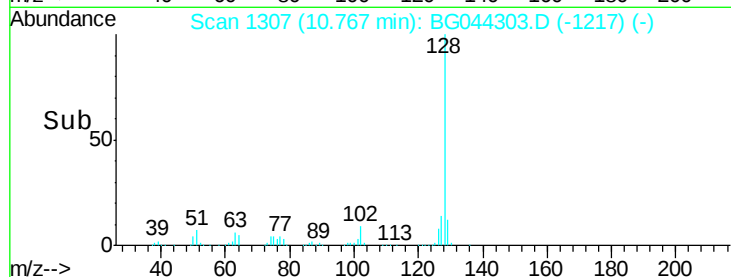
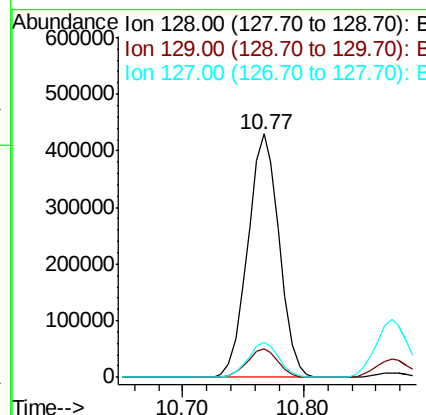
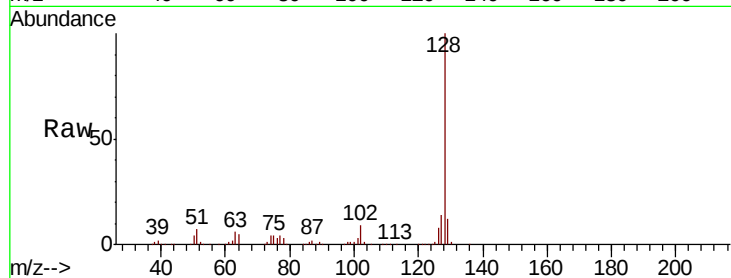
#31
Naphthalene
Concen: 41.424 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.4	11.6	17.4

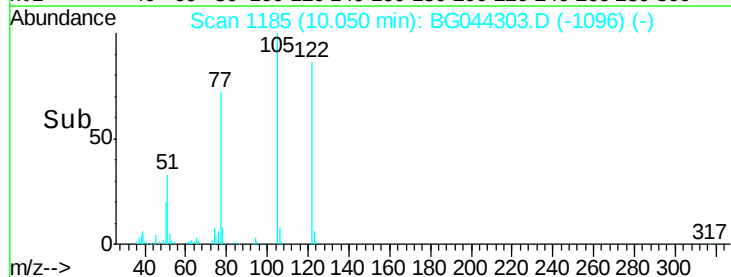
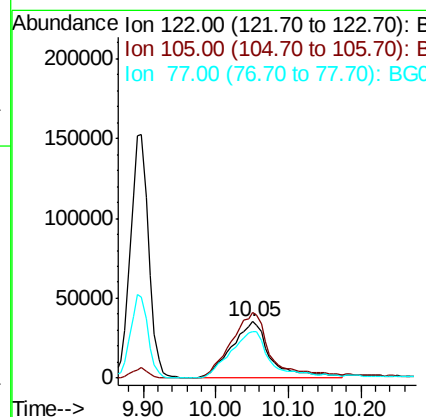
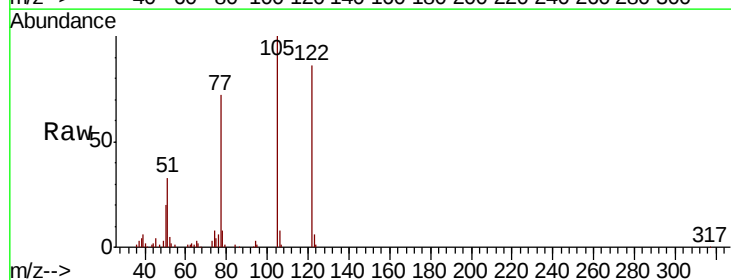
Manual Integrations
APPROVED

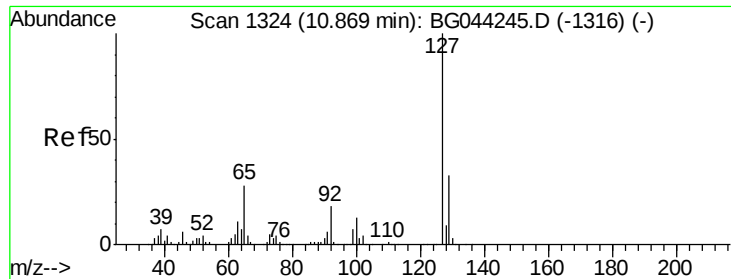
mohammad
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#32
Benzoic acid
Concen: 42.053 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	93.5	133.5
77	83.5	61.0	101.0





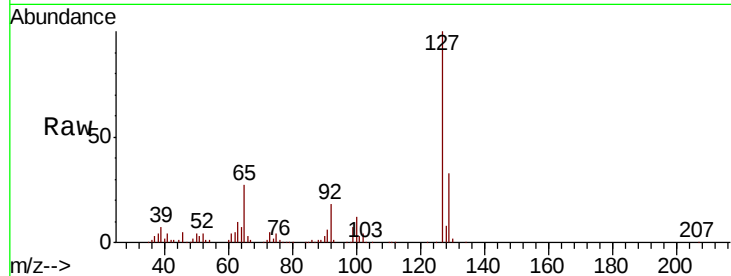
#33
4-Chloroaniline
Concen: 23.524 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		200796		
129	32.7	26.6	40.0		
65	26.7	22.5	33.7		
92	17.8	14.1	21.1		

Manual Integrations
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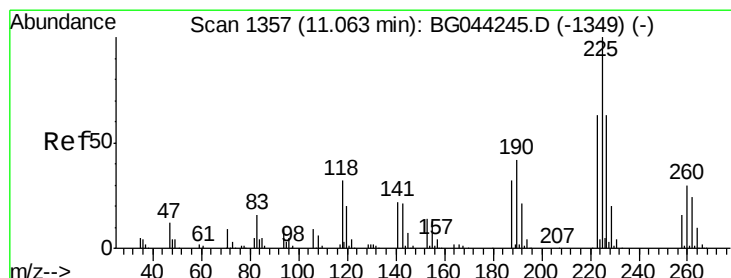
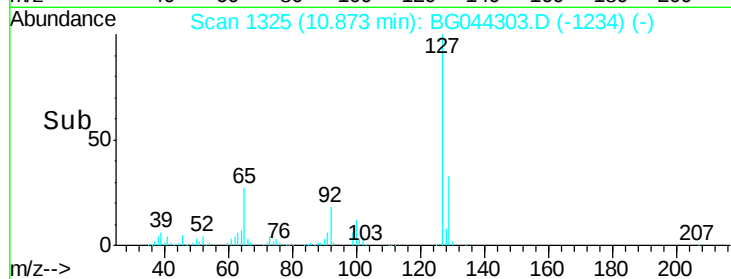
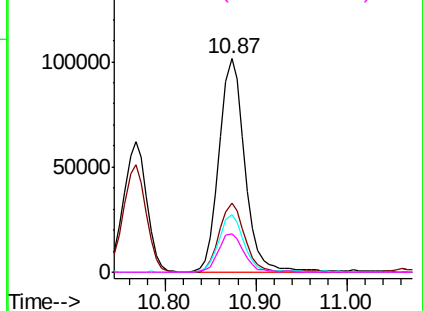
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

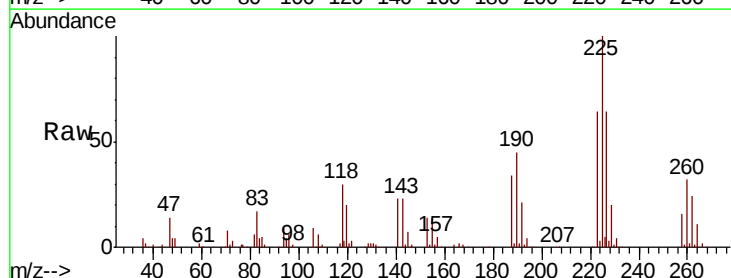
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.783 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		149578		
223	64.0	50.2	75.4		
227	64.2	50.8	76.2		

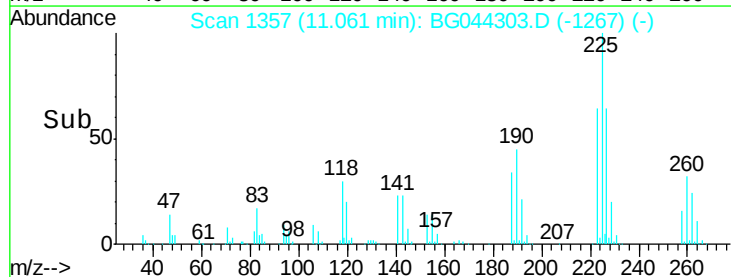
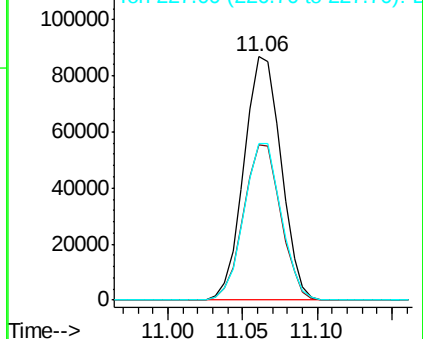


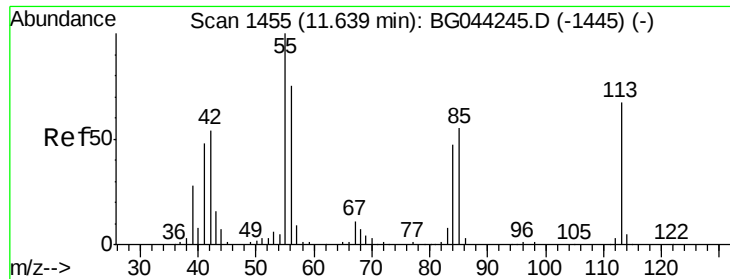
Abundance

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





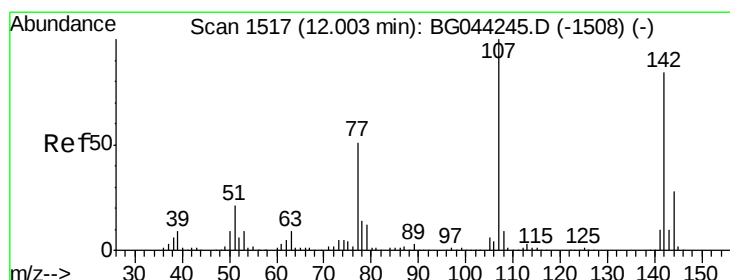
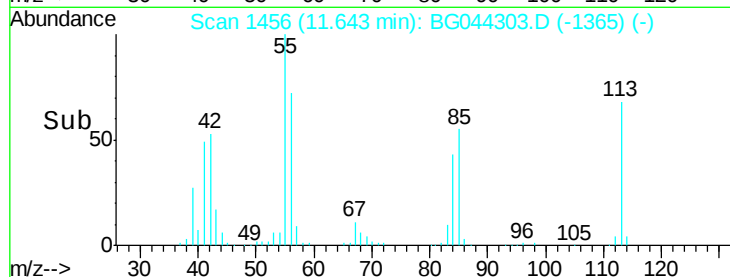
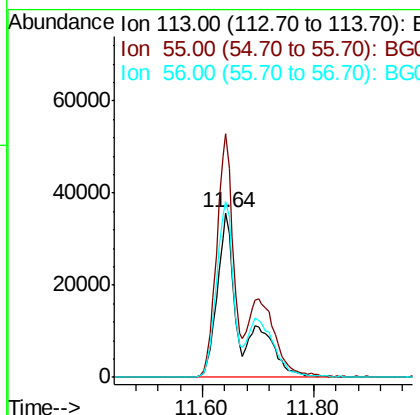
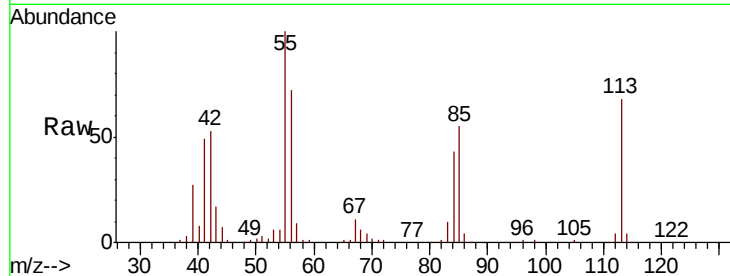
#35
Caprolactam
Concen: 50.630 ng/ml
RT: 11.64 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.8	129.9	169.9
56	106.9	92.5	132.5

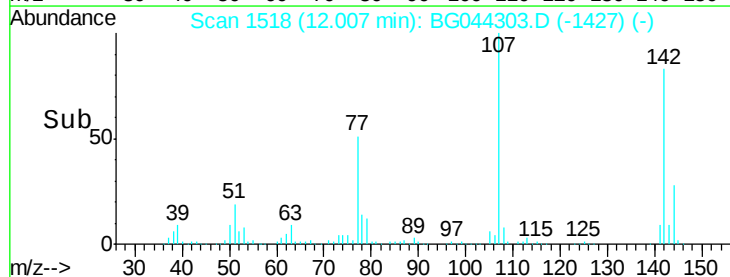
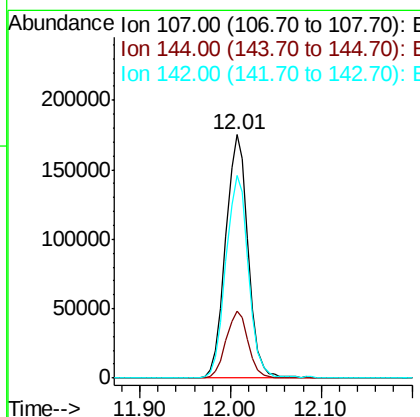
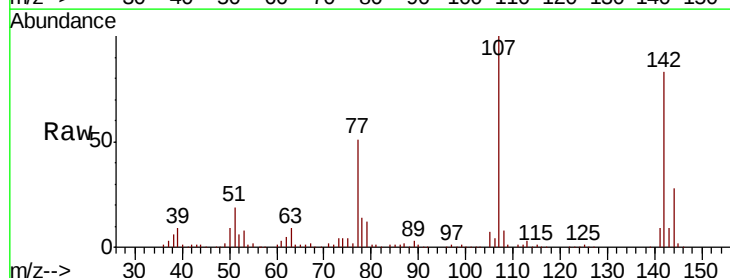
Manual Integrations
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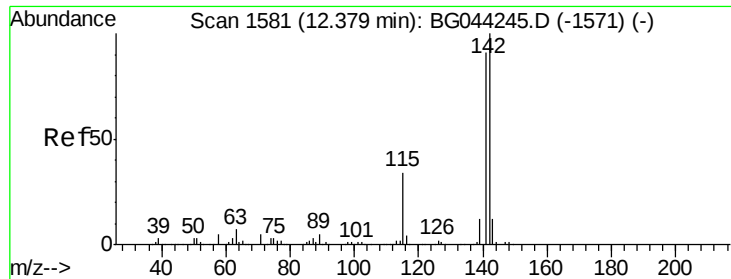
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.672 ng/ml
RT: 12.01 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.2	33.4
142	83.3	67.4	101.0





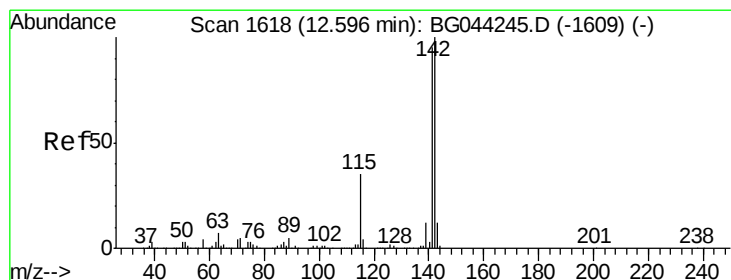
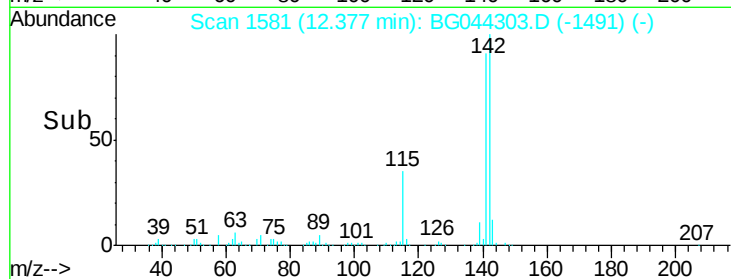
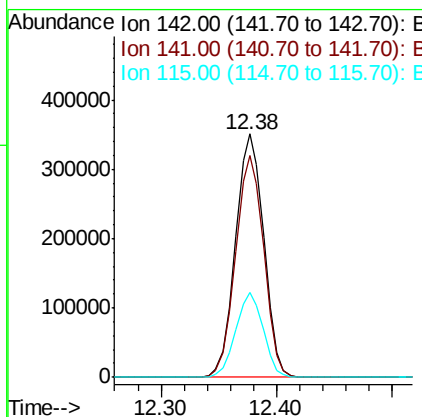
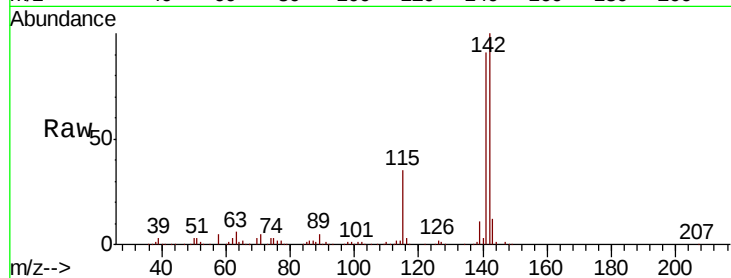
#37
2-Methylnaphthalene
Concen: 42.558 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
115	34.7	27.1	40.7

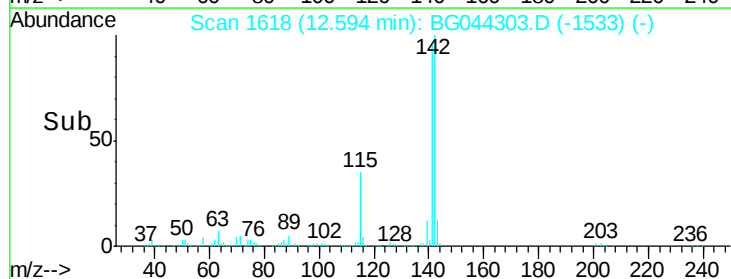
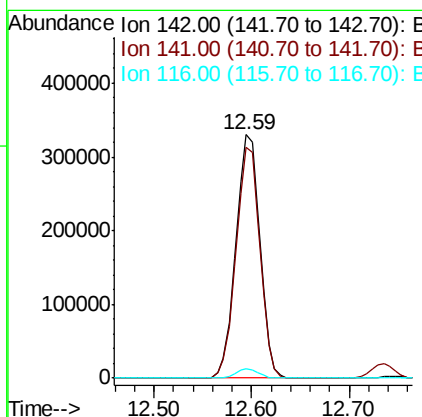
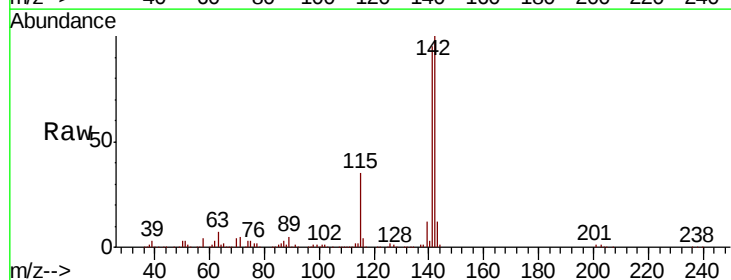
Manual Integrations
APPROVED

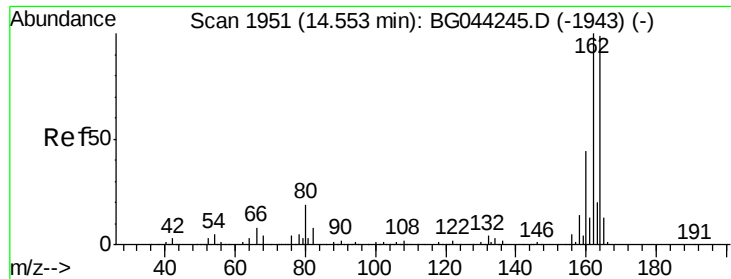
mohammad
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#38
1-Methylnaphthalene
Concen: 43.000 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.8	113.6
116	3.8	3.1	4.7





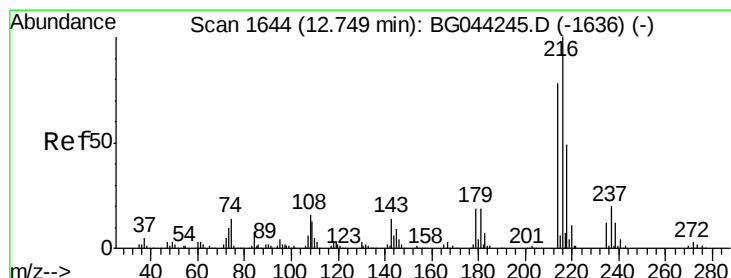
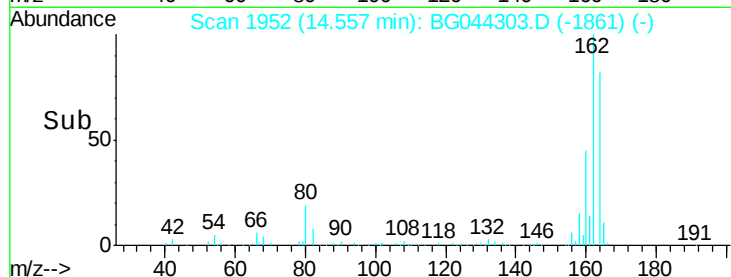
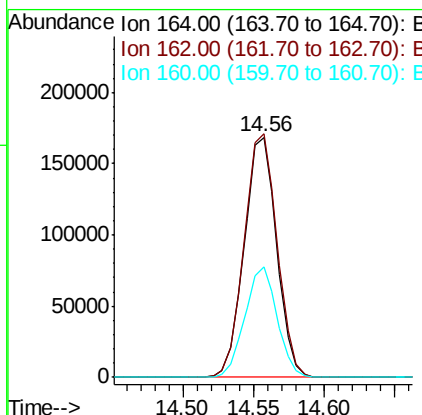
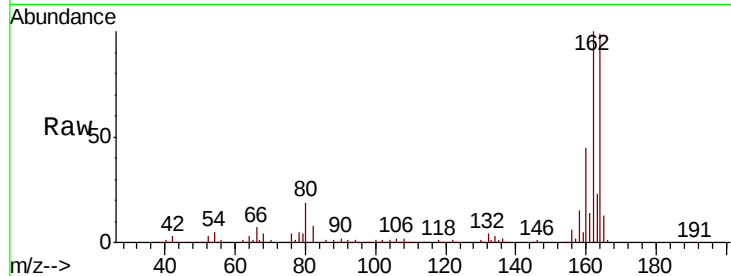
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	46.0	35.3	52.9

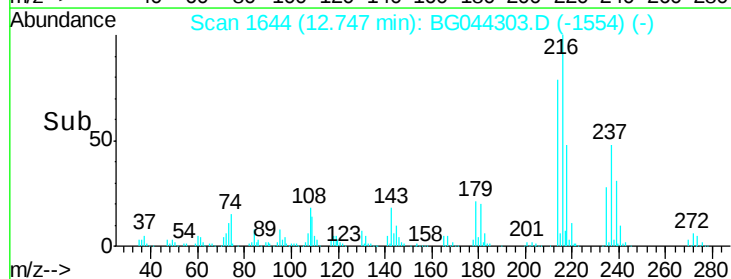
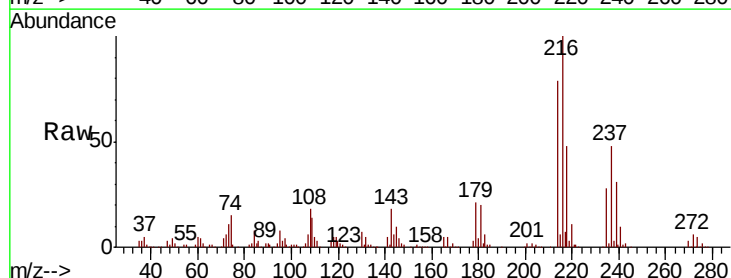
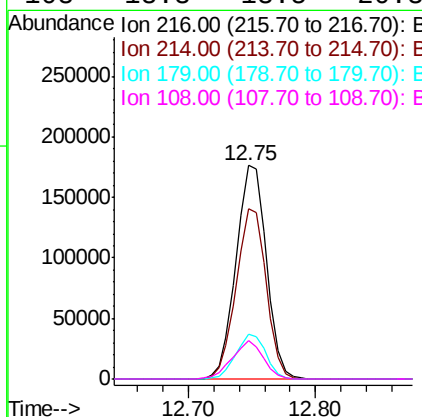
Manual Integrations
APPROVED

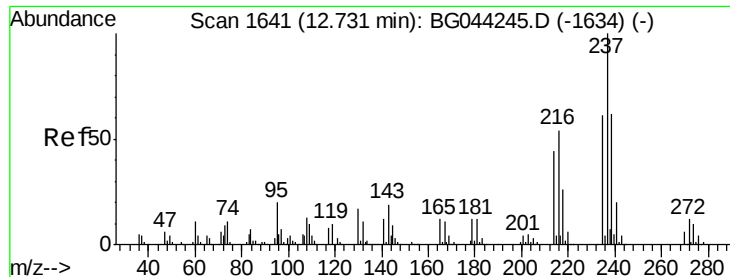
mohammad
2/6/2020 2:19:21 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.950 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.6
179	20.6	16.2	24.4
108	18.3	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 69.804 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

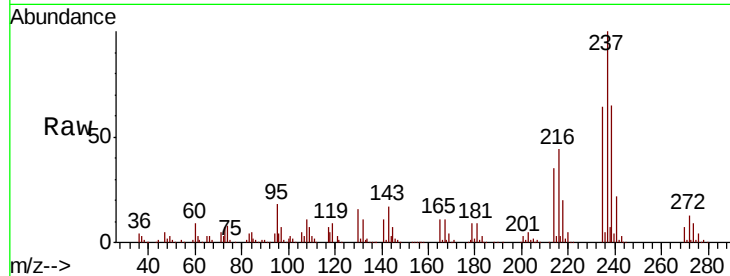
ClientSampleId :

PB126601BS

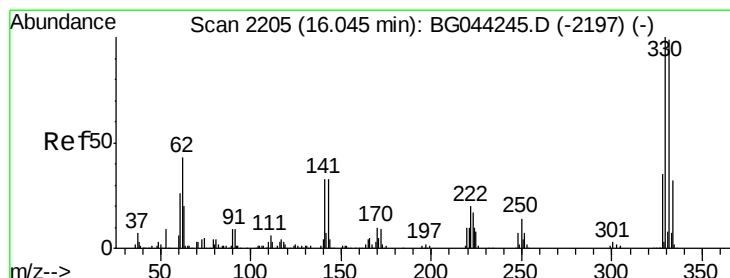
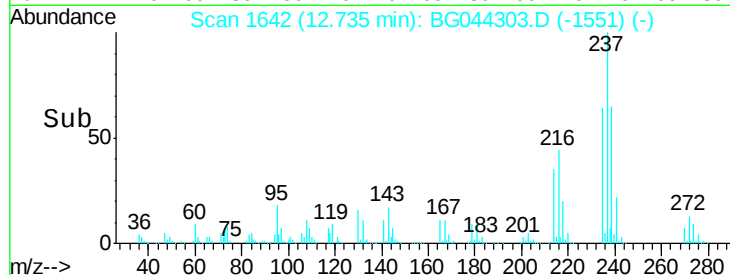
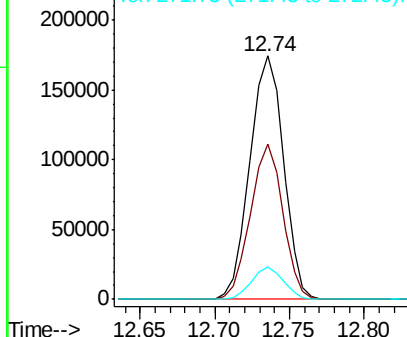
Tot Ion:	237	Resp:	272261
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.2	81.2
272	13.2	0.0	32.4

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: 115.508 ng

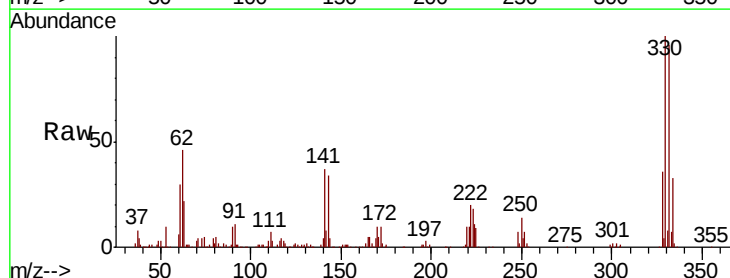
RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

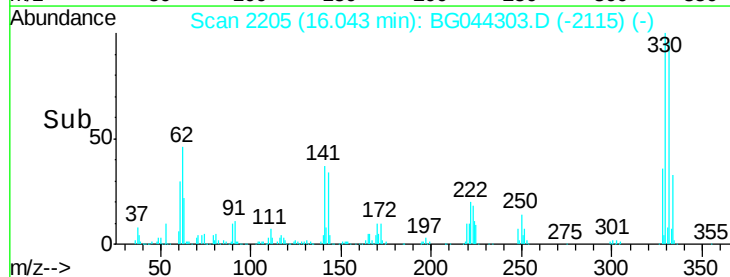
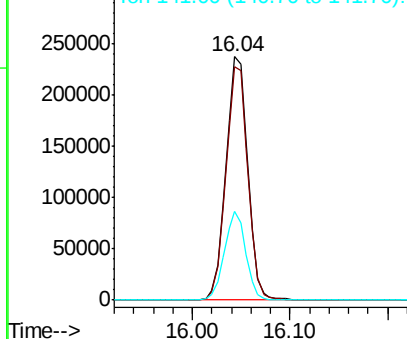
Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	330	Resp:	368481
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.2	115.8
141	35.6	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





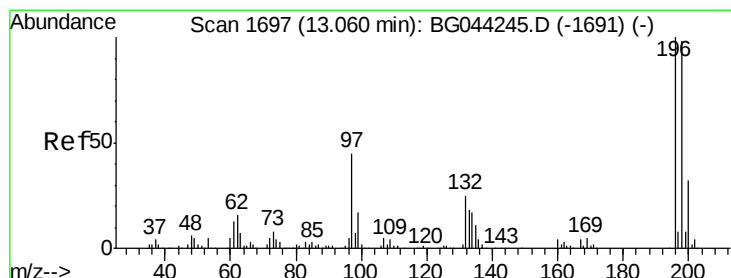
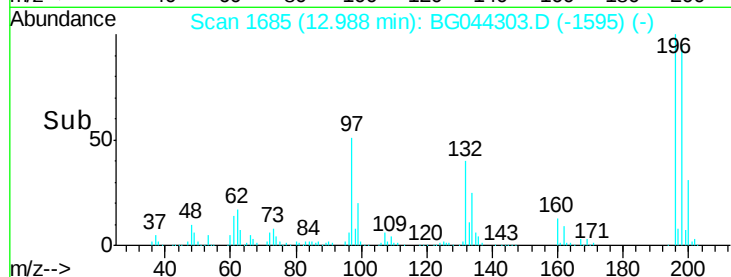
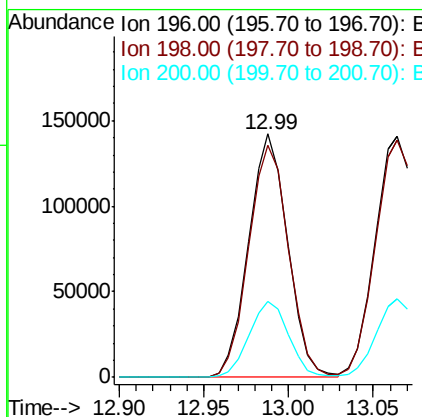
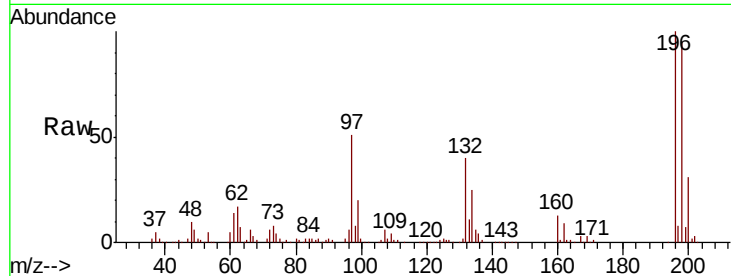
#43
 2,4,6-Trichlorophenol
 Concen: 43.636 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampled :
 PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	229271		
198	95.5	79.3	118.9	
200	31.0	25.7	38.5	

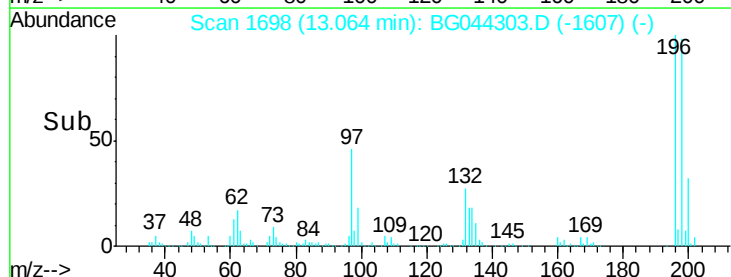
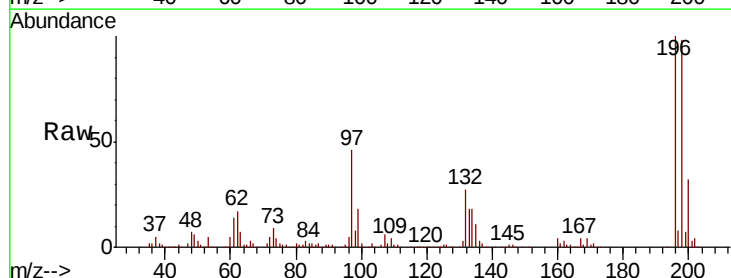
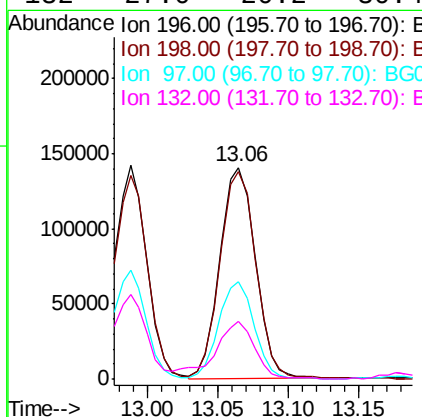
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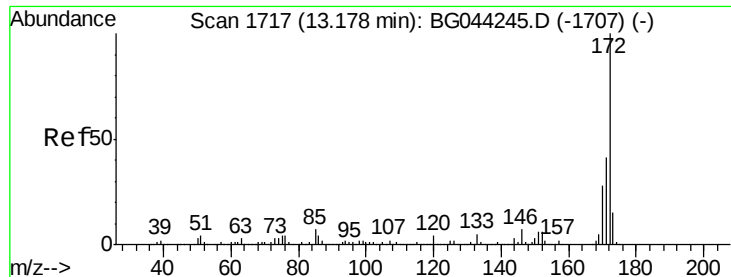
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.219 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	248041		
198	98.1	78.2	117.2	
97	45.7	36.2	54.4	
132	27.0	20.2	30.4	





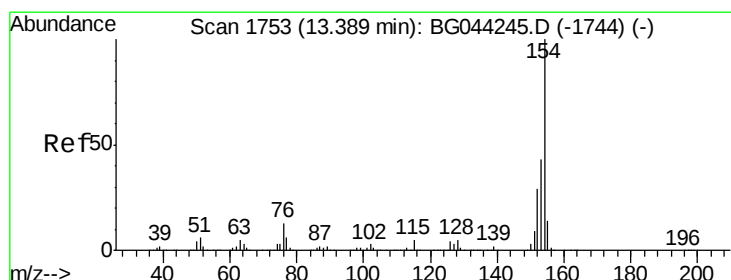
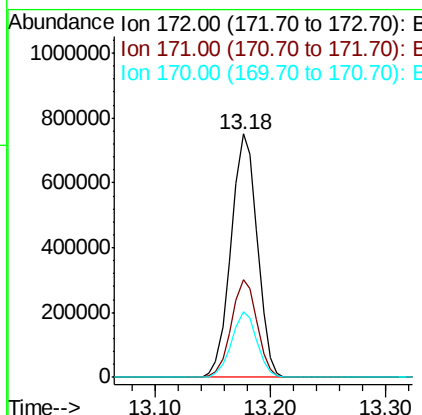
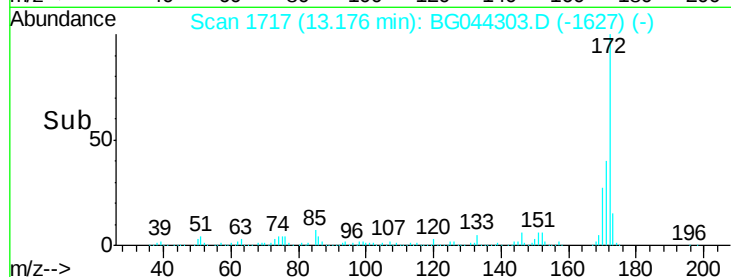
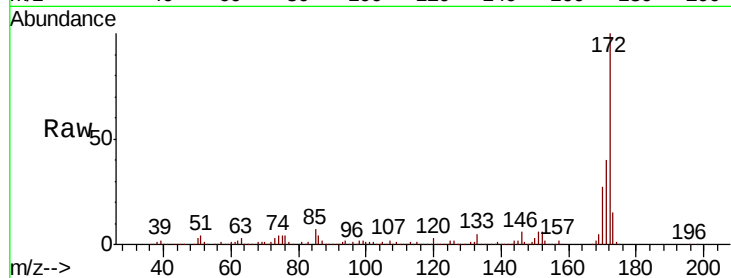
#45
2-Fluorobiphenyl
Concen: 72.769 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	32.9	49.3
170	26.8	22.0	33.0

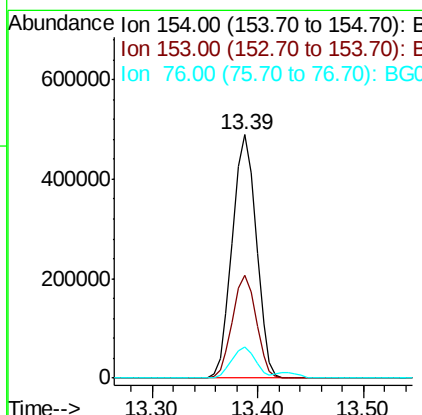
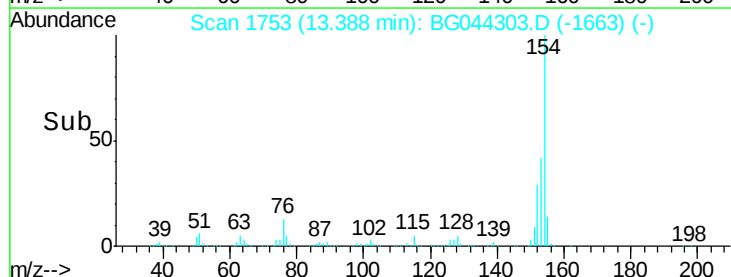
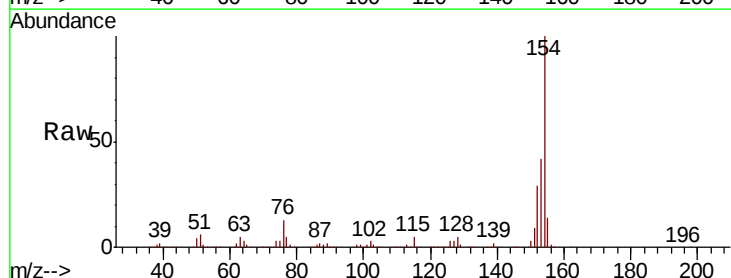
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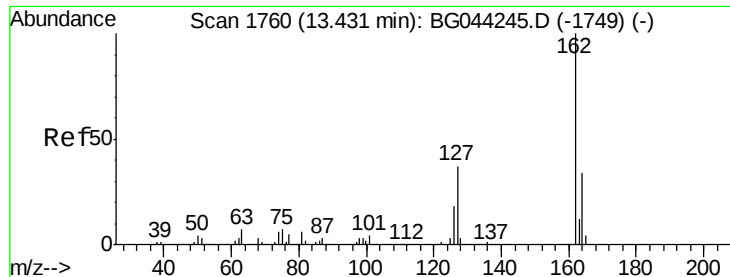
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#46
1,1'-Biphenyl
Concen: 39.275 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	13.0	0.0	32.9





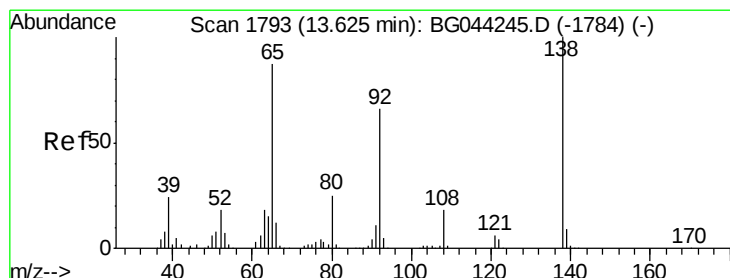
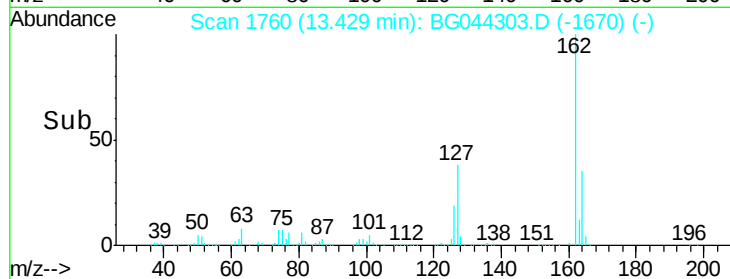
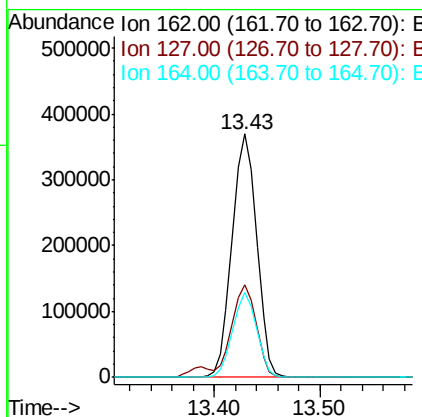
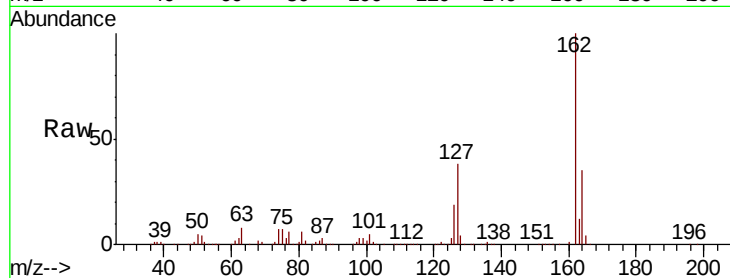
#47
2-Chloronaphthalene
Concen: 38.248 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.0	45.0
164	34.9	27.2	40.8

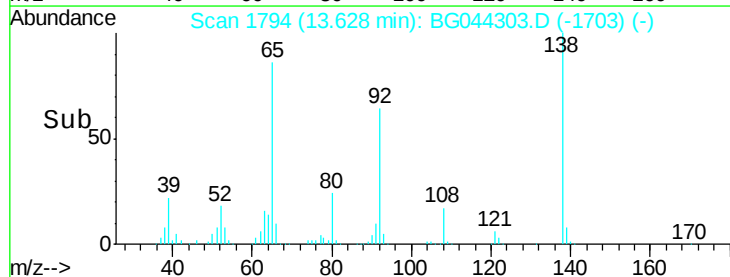
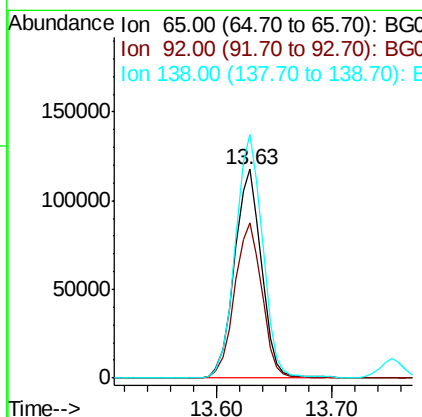
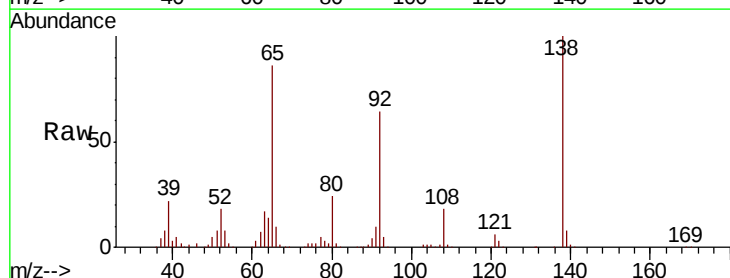
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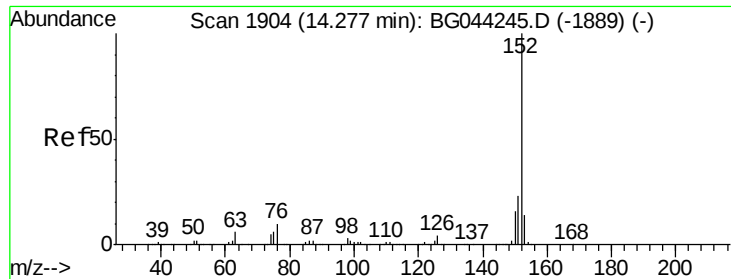
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#48
2-Nitroaniline
Concen: 41.597 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	60.3	90.5
138	116.8	91.9	137.9





#49

Acenaphthylene

Concen: 42.086 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

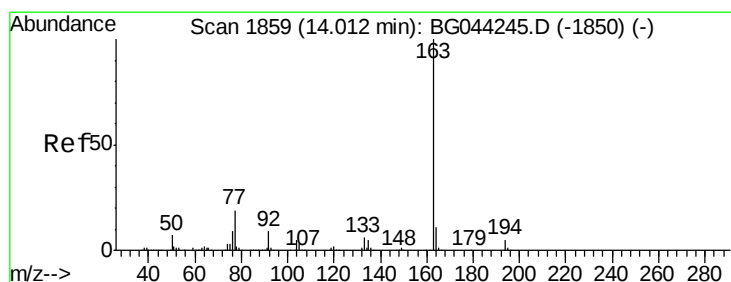
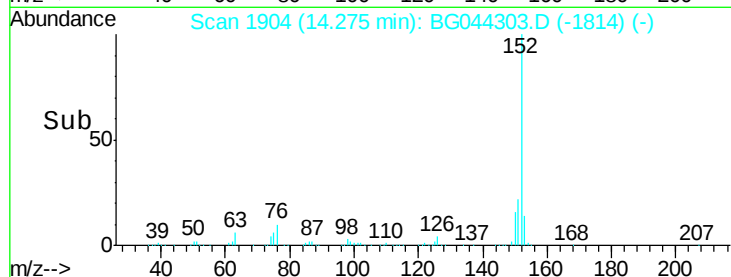
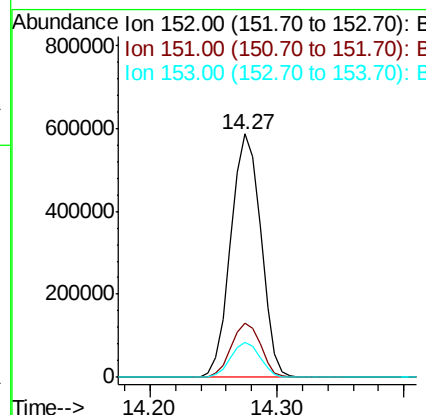
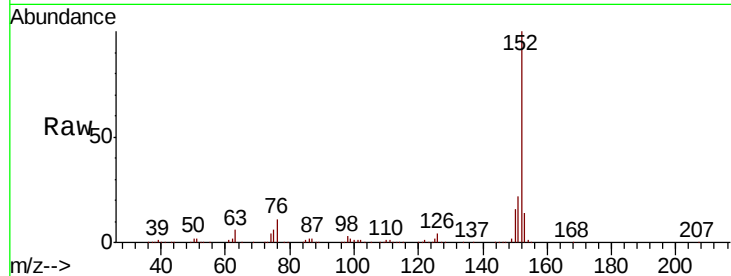
ClientSampleId :

PB126601BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		962817		
151	22.2	18.1	27.1		
153	14.3	11.5	17.3		

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#50

Dimethylphthalate

Concen: 41.069 ng

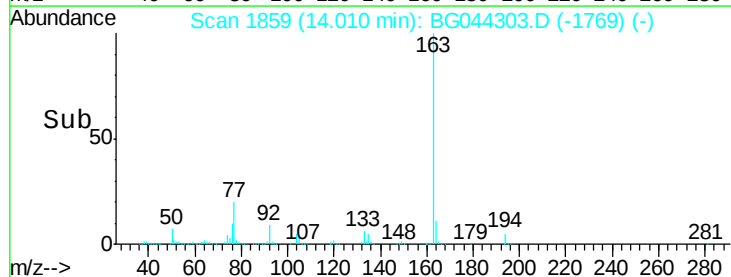
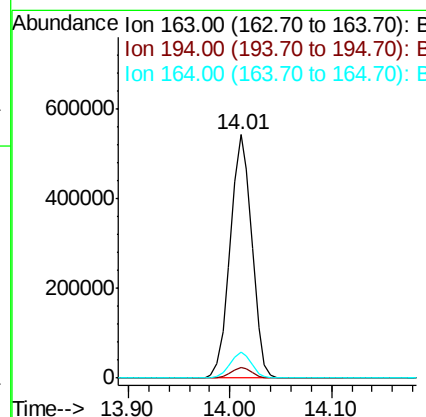
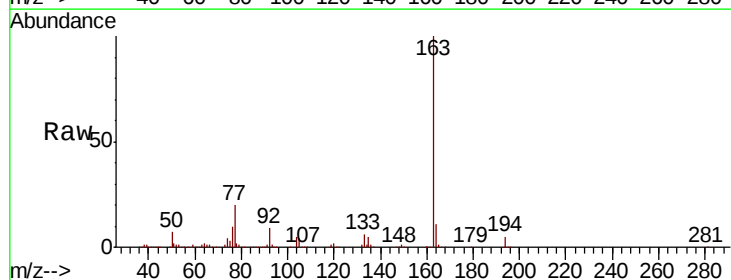
RT: 14.01 min Scan# 1859

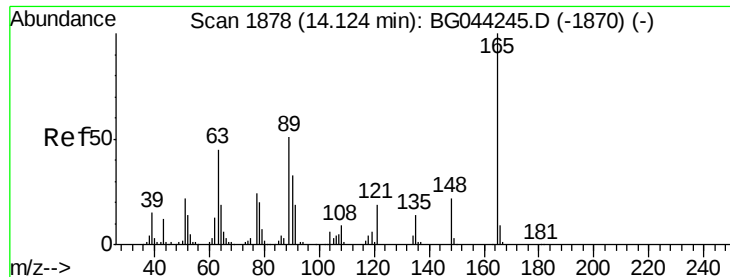
Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		802225		
194	4.6	3.6	5.4		
164	10.8	8.7	13.1		





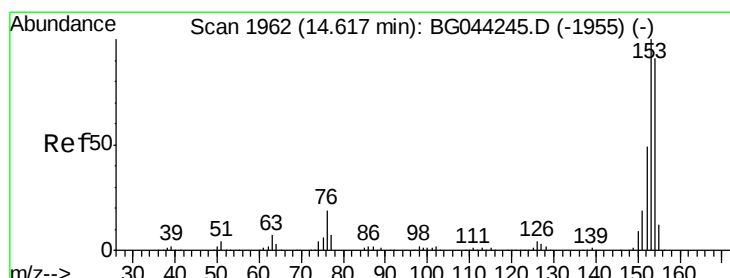
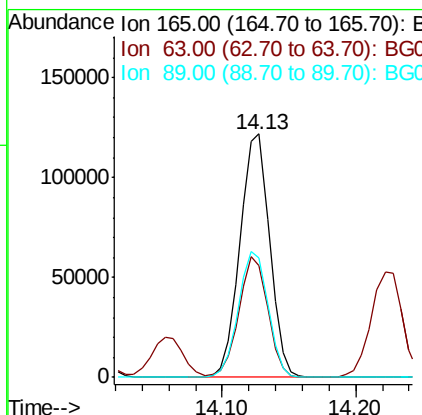
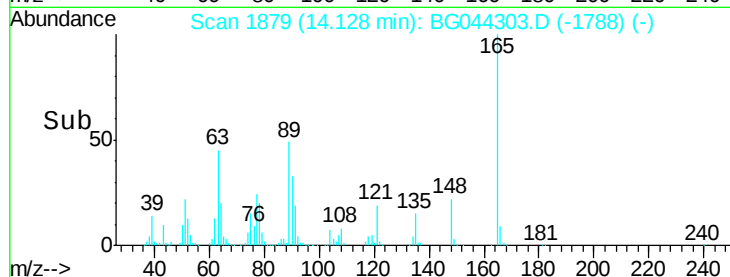
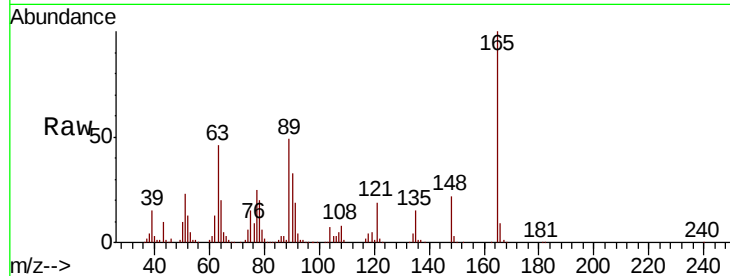
#51
2,6-Dinitrotoluene
Concen: 43.018 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	187360		
63	45.8		38.7	58.1
89	49.0		40.4	60.6

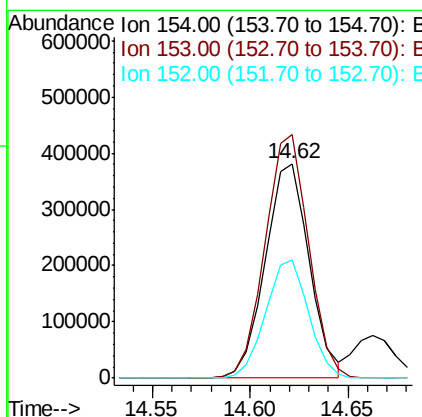
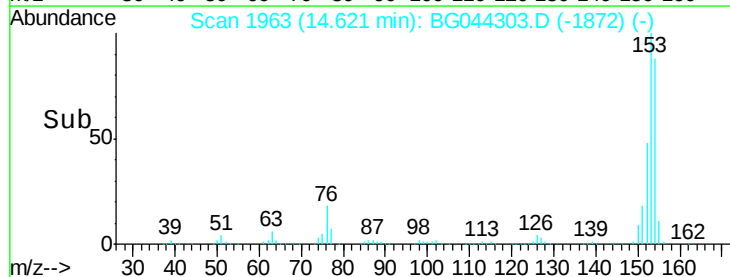
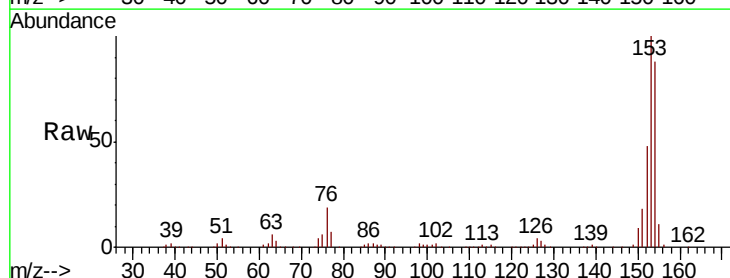
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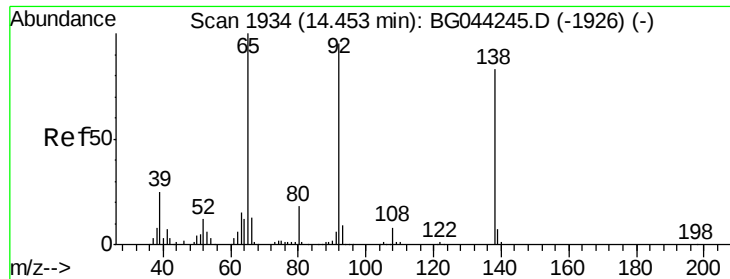
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#52
Acenaphthene
Concen: 40.026 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	593524		
153	113.6		87.9	131.9
152	54.9		43.1	64.7





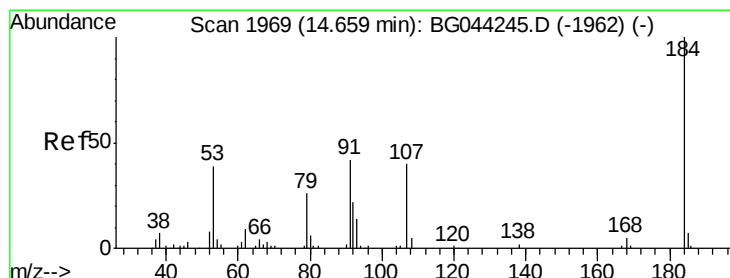
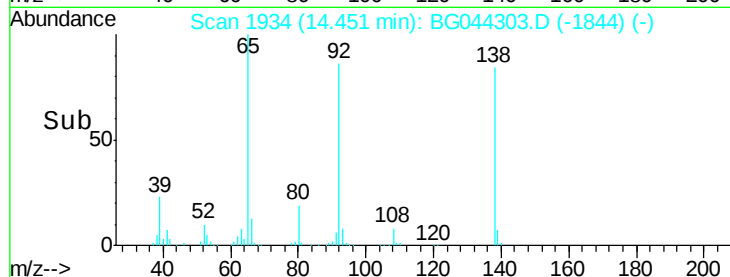
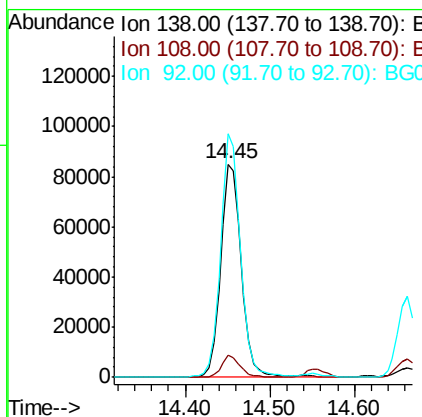
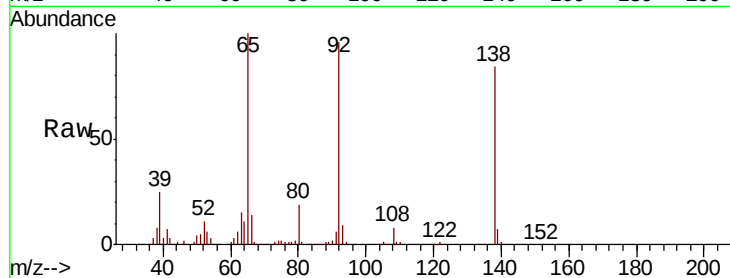
#53
3-Nitroaniline
Concen: 29.975 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	114.0	91.0	136.4

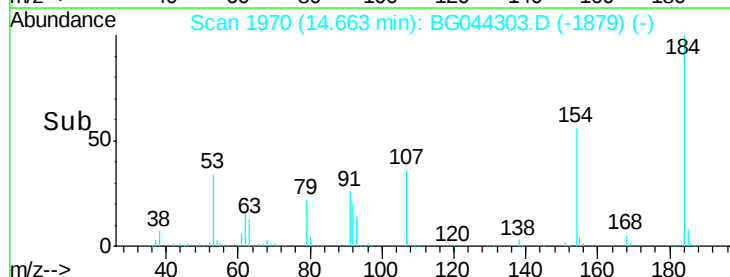
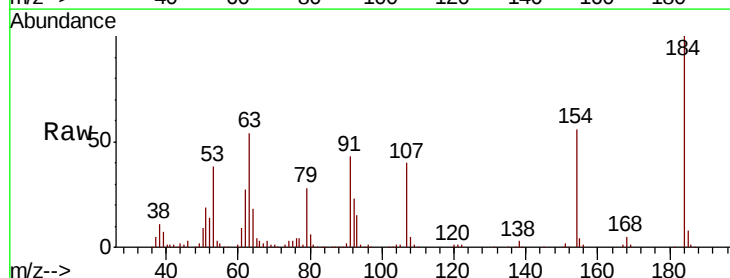
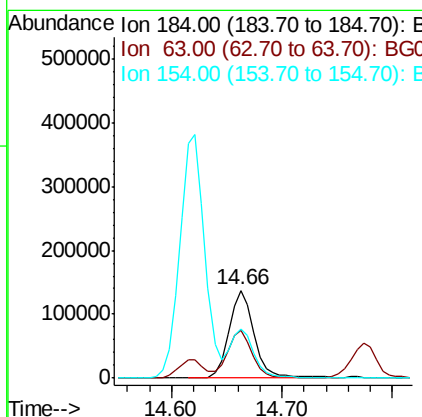
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#54
2,4-Dinitrophenol
Concen: 84.505 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.1	44.1	66.1
154	55.7	45.4	68.0





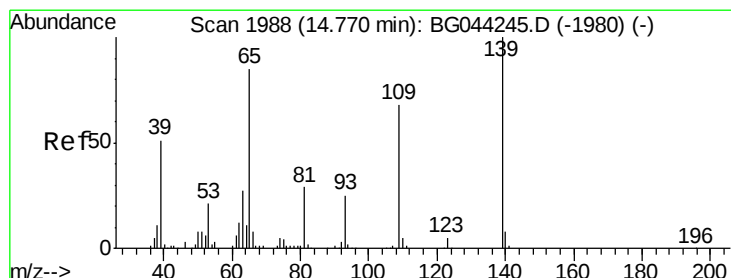
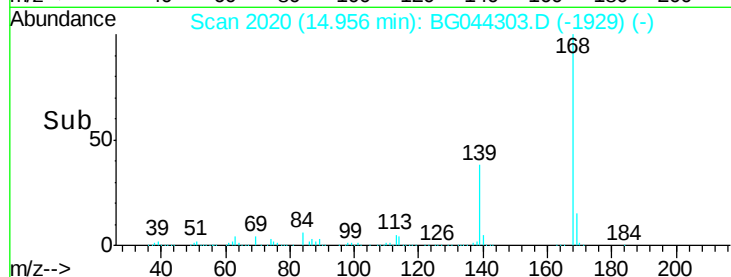
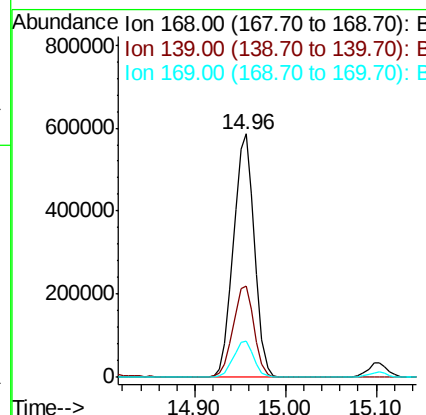
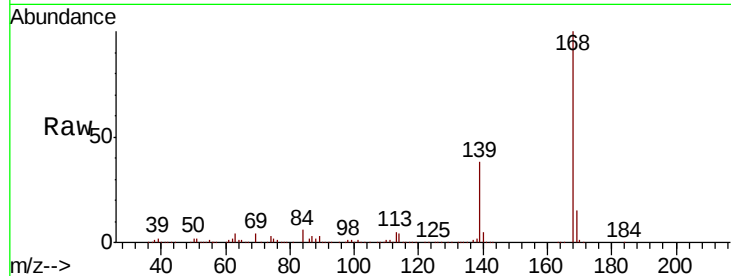
#55
Dibenzofuran
Concen: 42.005 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	14.7	11.7	17.5

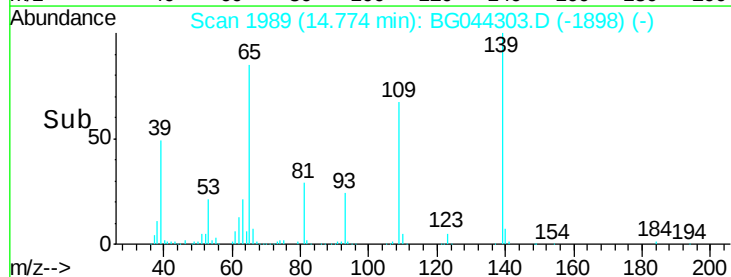
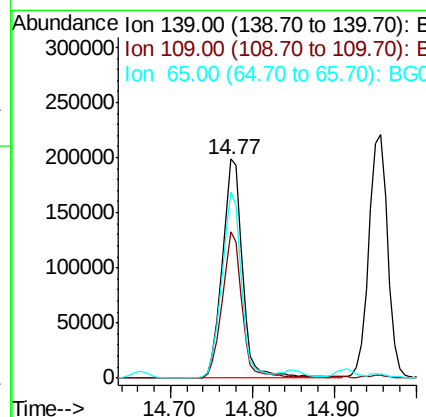
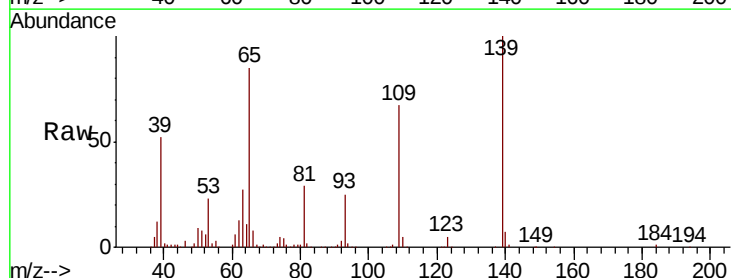
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#56
4-Nitrophenol
Concen: 97.881 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	47.5	87.5
65	85.0	64.9	104.9





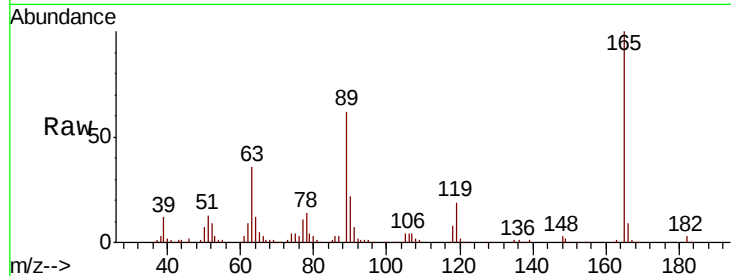
#57
2,4-Dinitrotoluene
Concen: 43.862 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		267748		
63	36.5		30.3	45.5	
89	62.1		53.4	80.2	
182	2.6		2.1	3.1	

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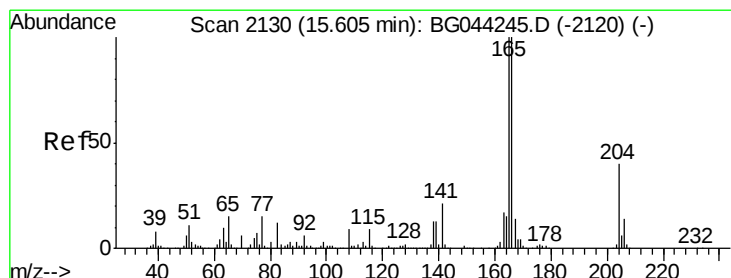
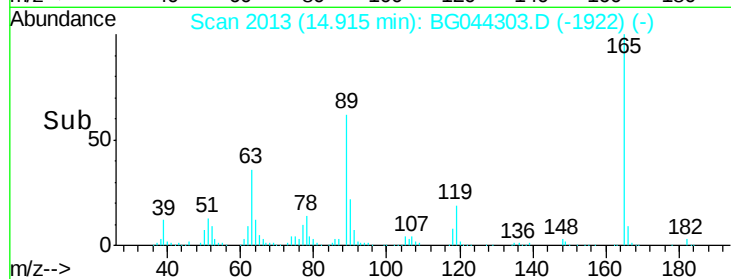
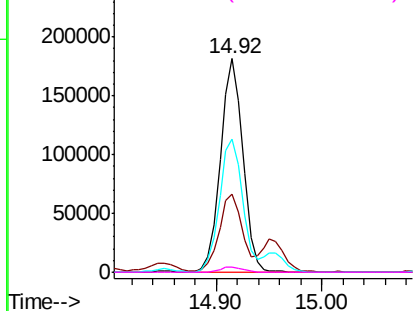


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



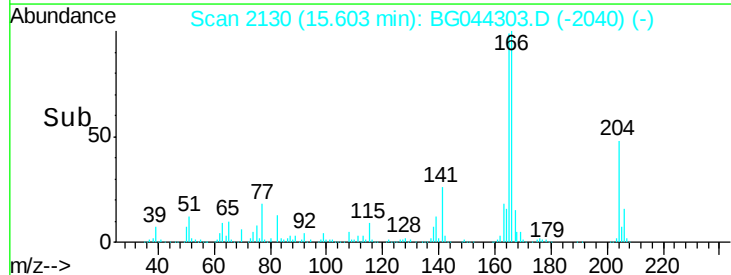
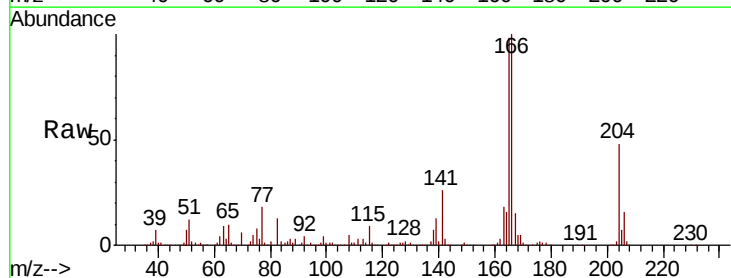
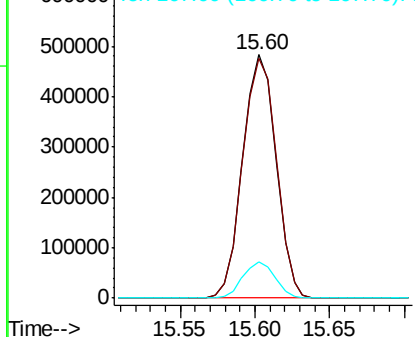
#58
Fluorene
Concen: 42.475 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

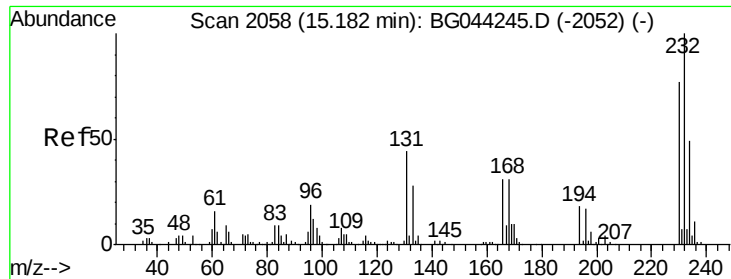
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		751096		
165	98.5		79.9	119.9	
167	14.8		11.4	17.0	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.116 ng

RT: 15.19 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion:232 Resp: 223548

Ion Ratio Lower Upper

232 100

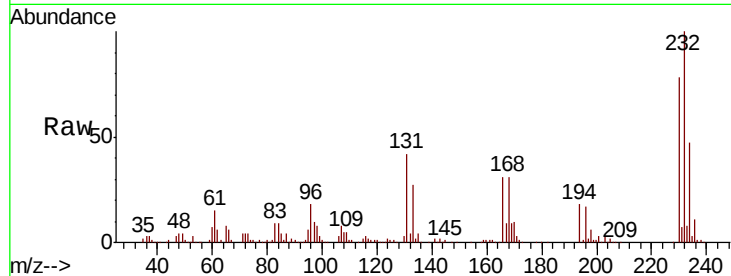
131 41.9 34.2 51.4

130 2.4 1.8 2.8

166 30.5 23.8 35.8

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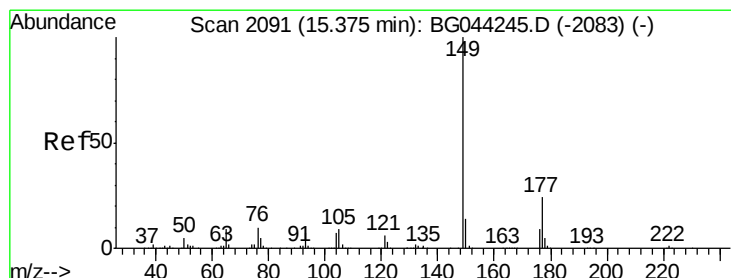
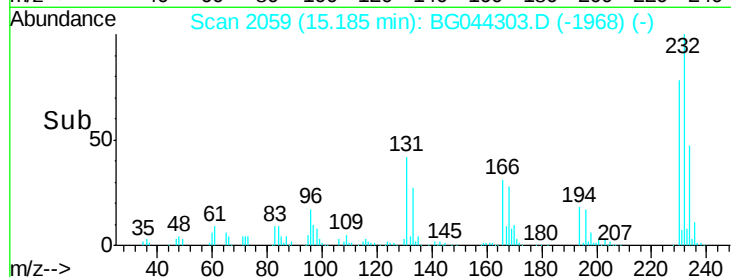
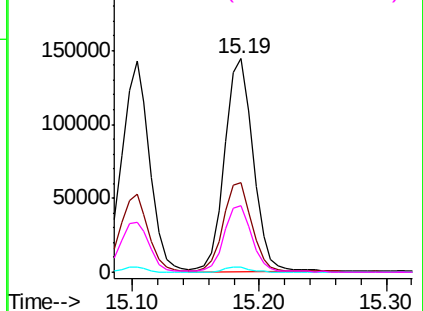


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.637 ng

RT: 15.38 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

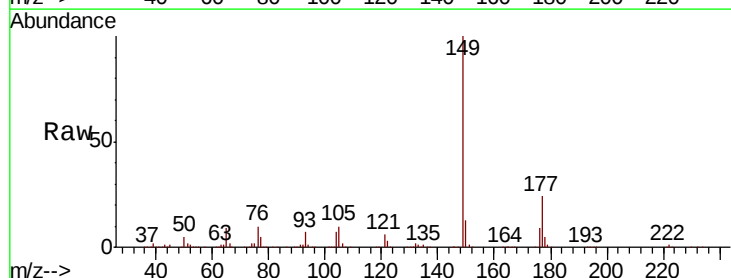
Tgt Ion:149 Resp: 810406

Ion Ratio Lower Upper

149 100

177 24.2 19.4 29.0

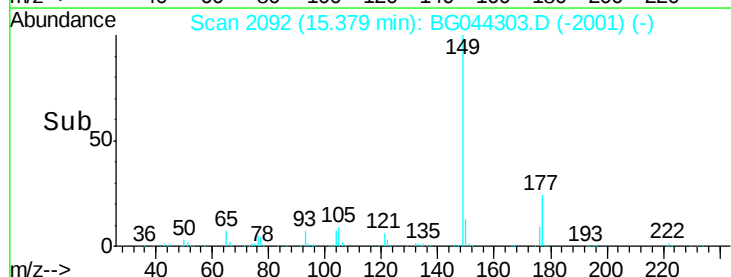
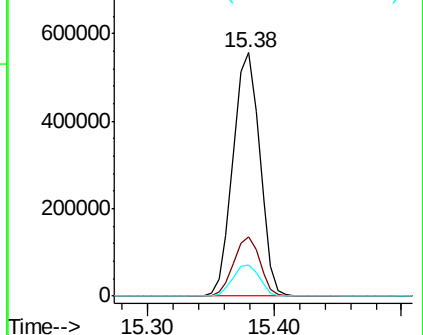
150 13.0 10.9 16.3



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





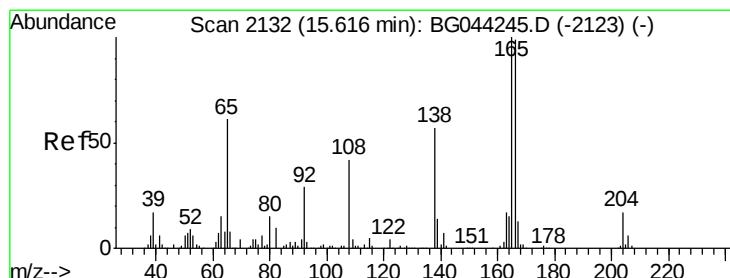
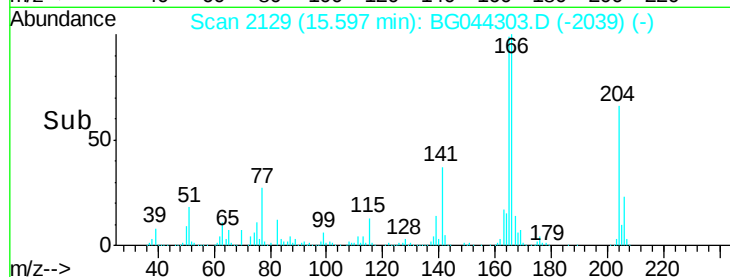
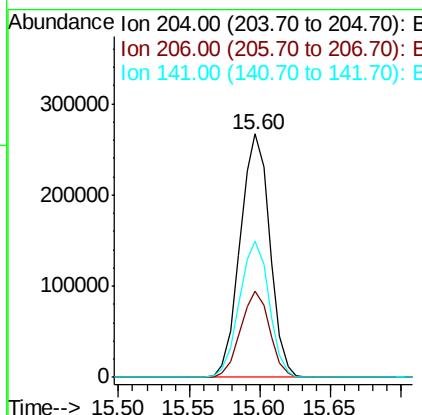
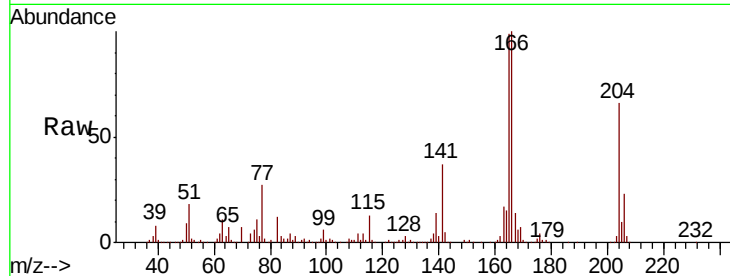
#61
4-Chlorophenyl-phenylether
Concen: 40.980 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	392909		
206	35.4	27.6	41.4	
141	56.0	43.4	65.0	

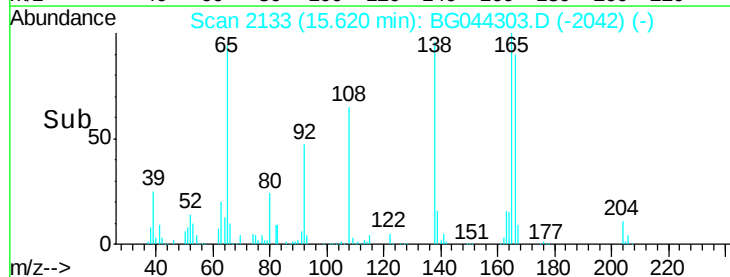
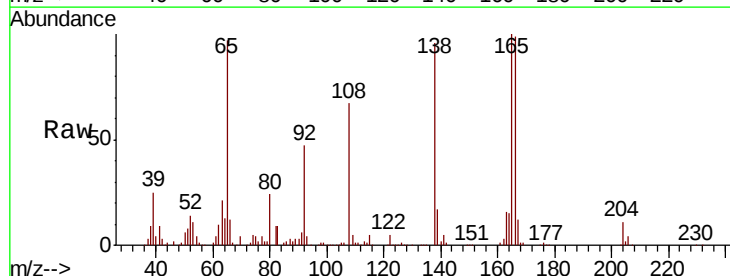
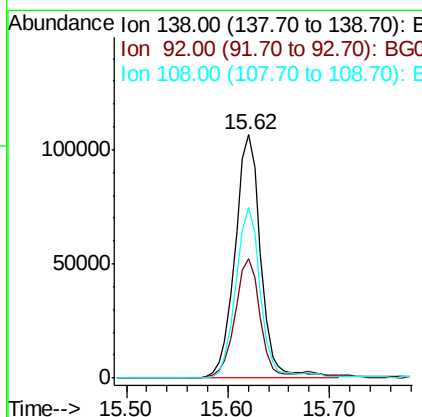
Manual Integrations
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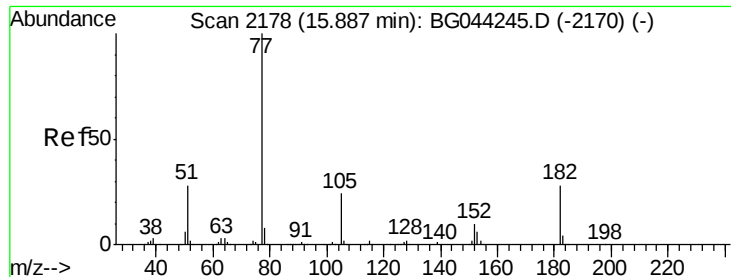
mohammad
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#62
4-Nitroaniline
Concen: 39.263 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	189044		
92	49.1	31.3	71.3	
108	69.9	52.6	92.6	





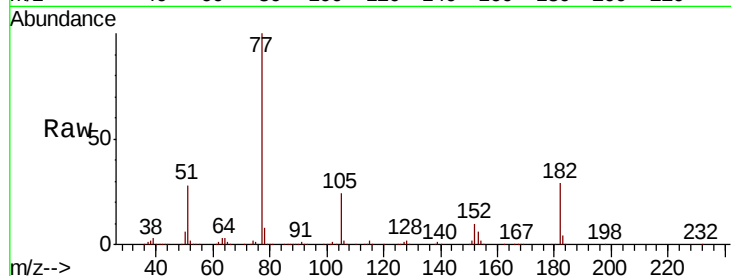
#63
Azobenzene
Concen: 42.762 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.2	48.2
105	23.9	3.6	43.6
51	28.5	8.3	48.3

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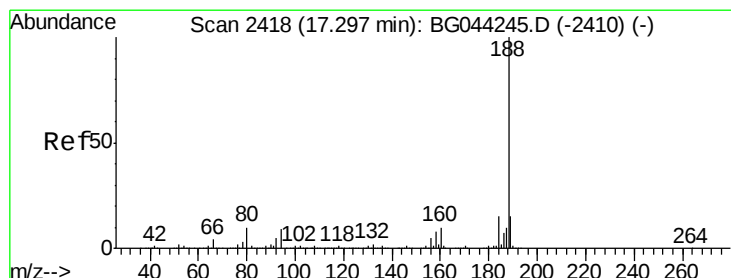
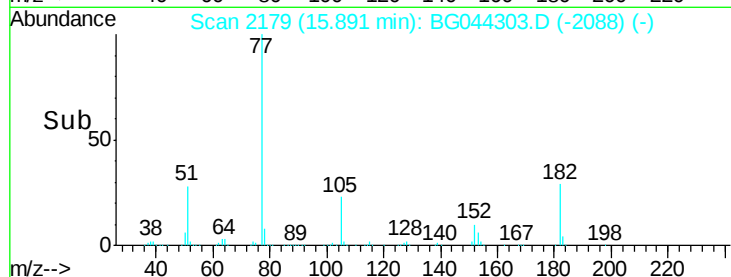
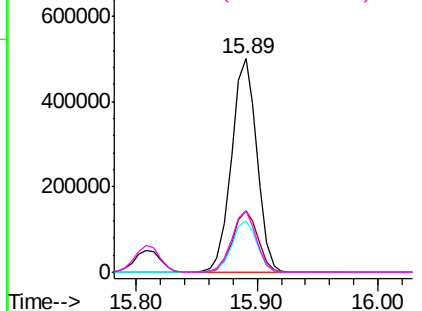
Abundance

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: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

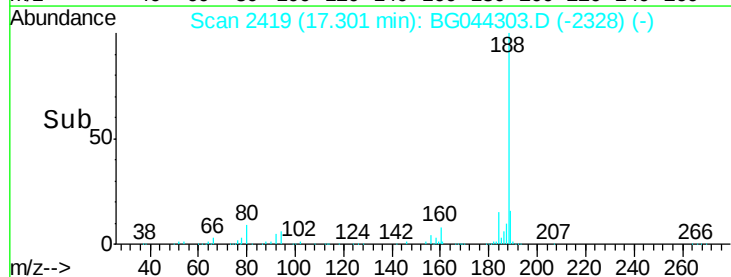
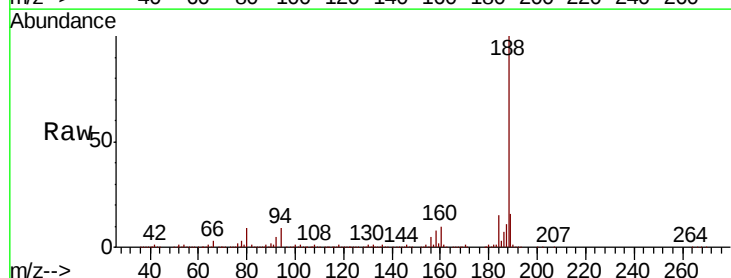
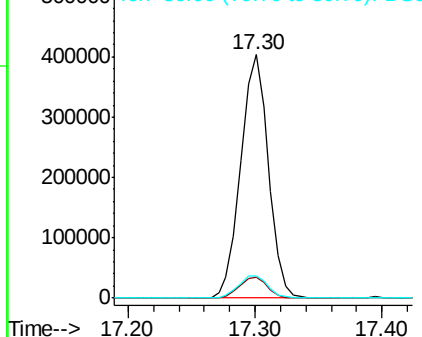
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.2	7.7	11.5

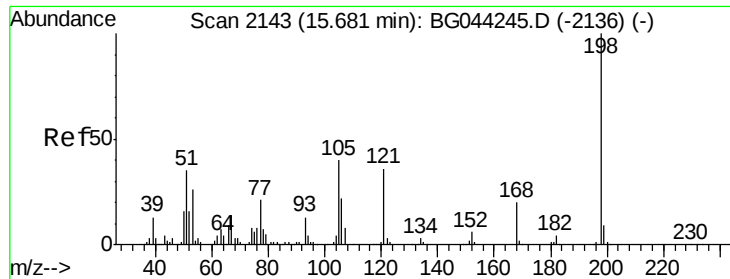
Abundance

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





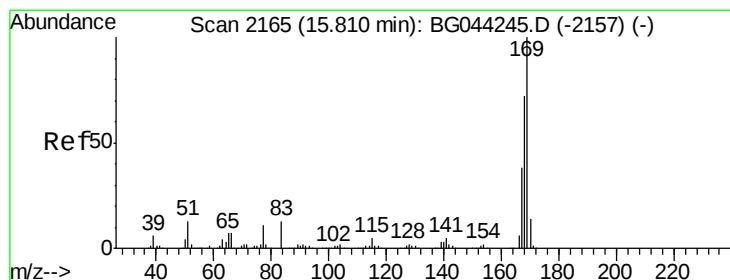
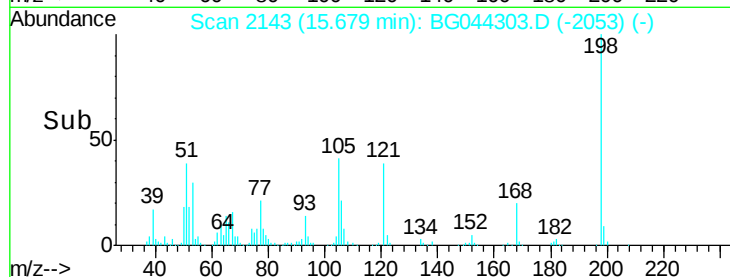
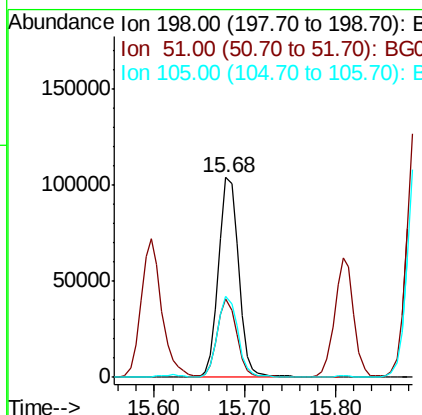
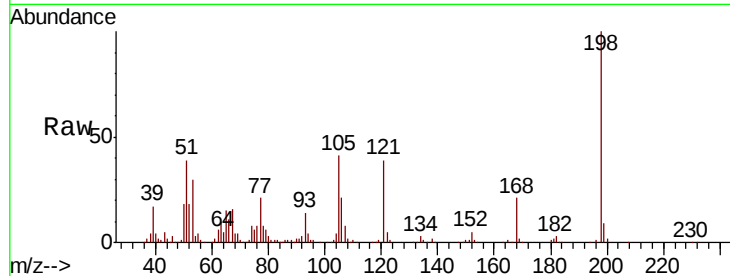
#65
4,6-Dinitro-2-methylphenol
Concen: 47.528 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.2	16.6	56.6
105	40.9	20.6	60.6

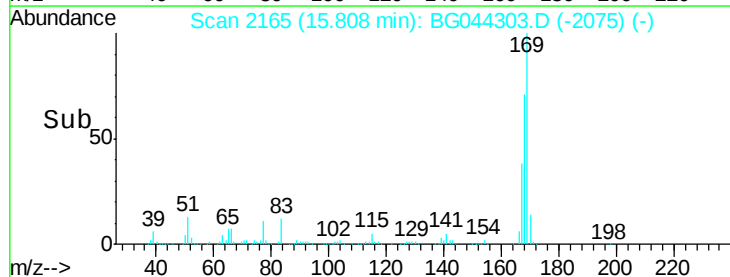
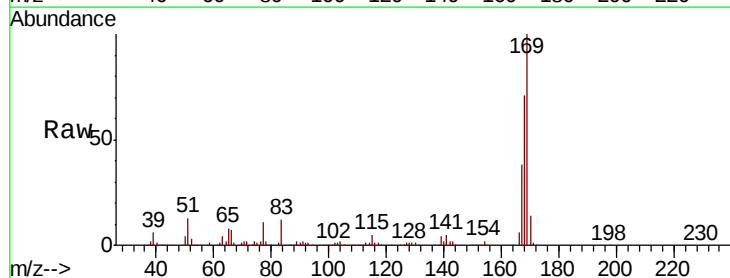
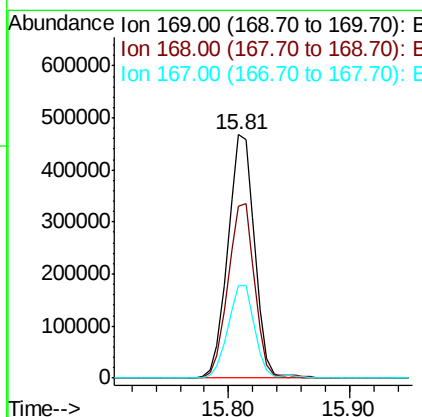
Manual Integrations
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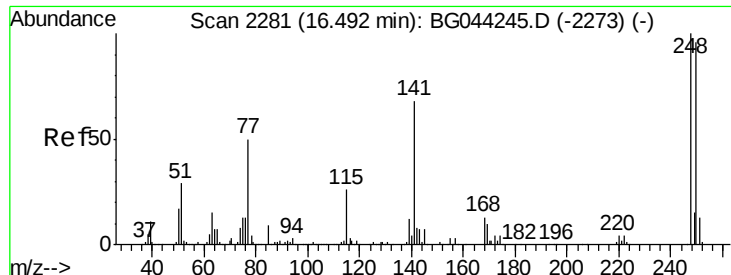
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.740 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	57.9	86.9
167	38.1	30.7	46.1





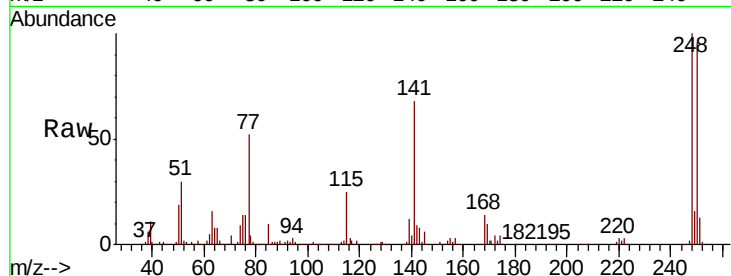
#67
 4-Bromophenyl-phenylether
 Concen: 39.855 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.6	114.8
141	67.7	54.7	82.1

Manual Integrations
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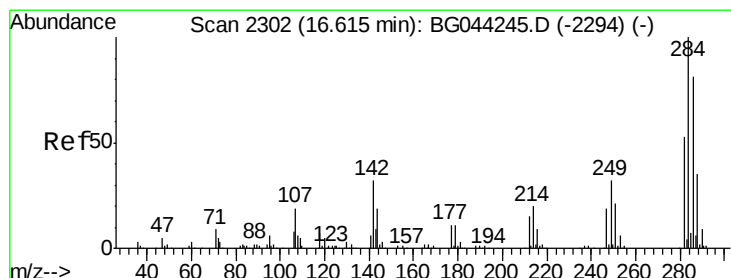
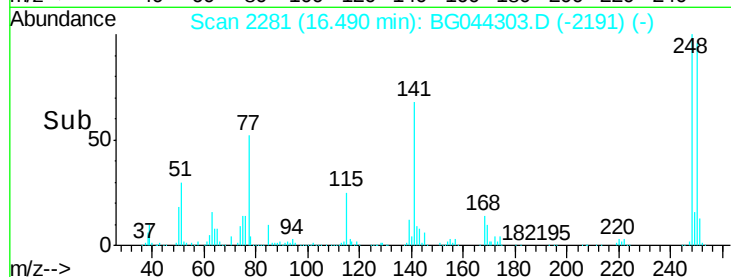
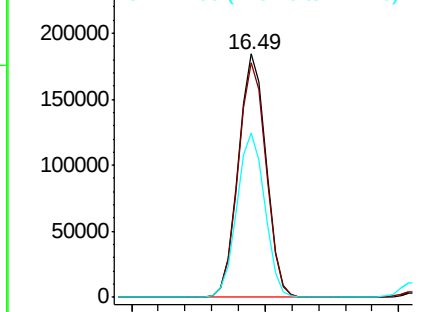


Abundance

Ion 248.00 (247.70 to 248.70): E

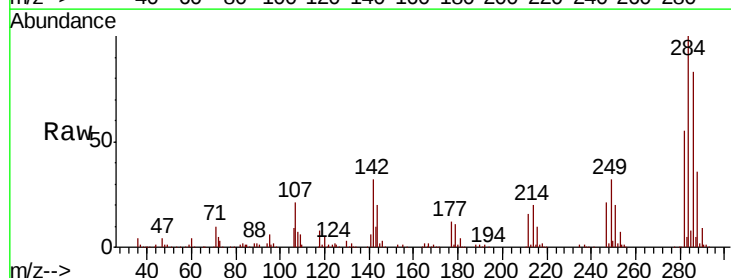
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.685 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.3	37.9
249	32.4	25.5	38.3

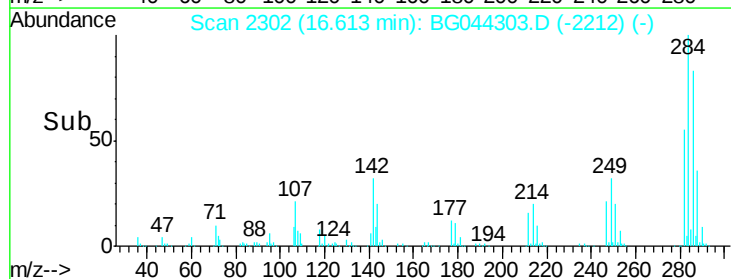
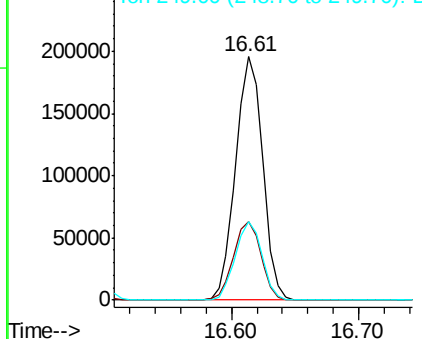


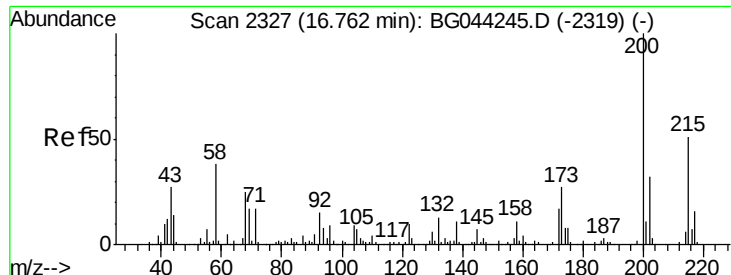
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





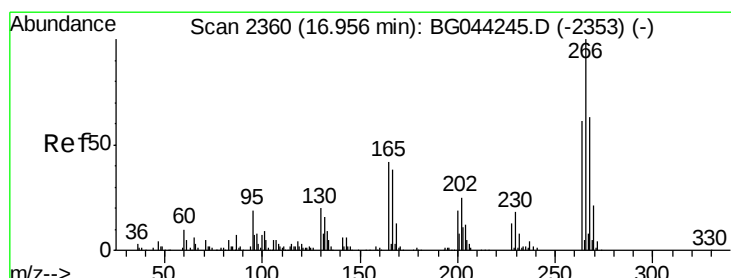
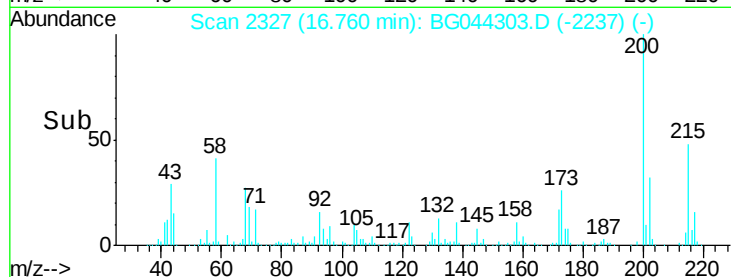
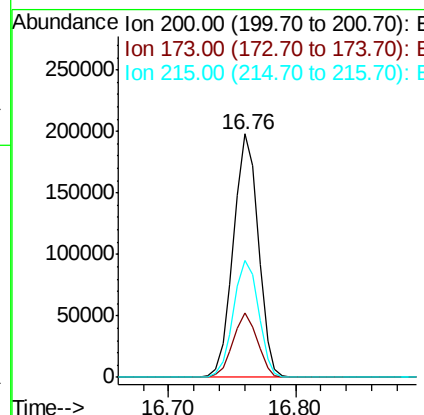
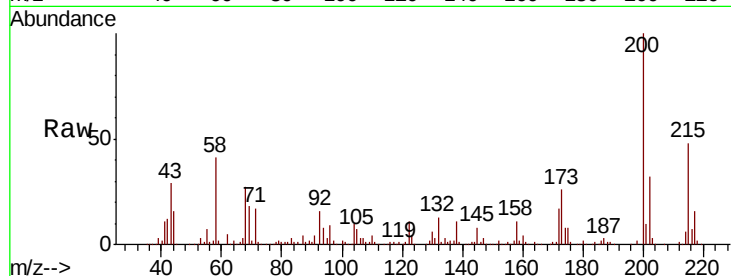
#69
 Atrazine
 Concen: 45.831 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	268850		
173	26.5	6.6	46.6	
215	47.8	31.0	71.0	

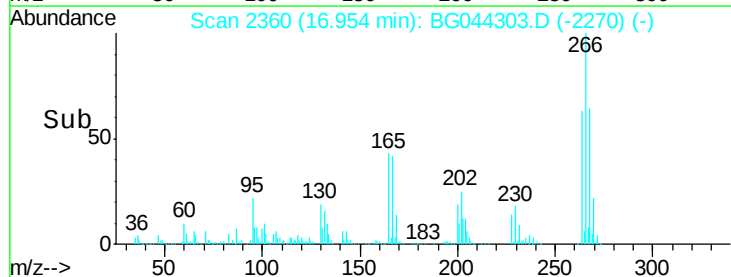
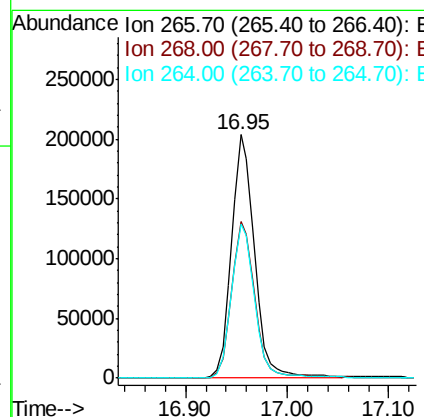
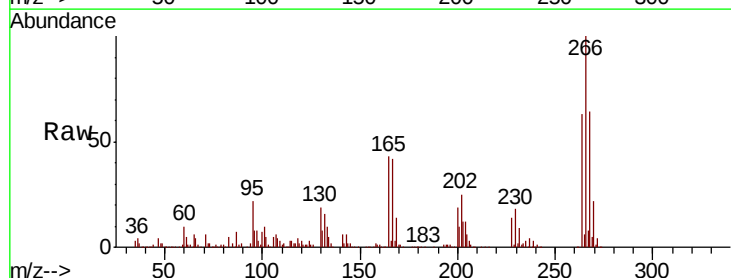
Manual Integrations
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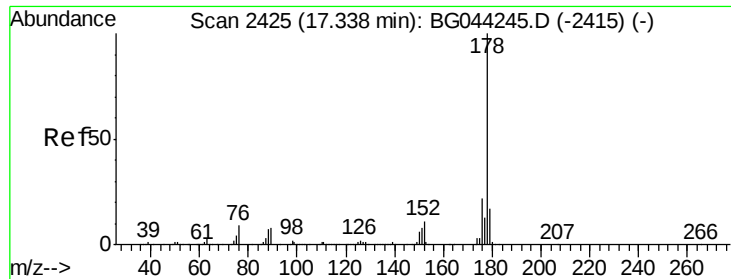
mohammad
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#70
 Pentachlorophenol
 Concen: 85.477 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	323054		
268	64.1	50.6	75.8	
264	63.1	48.7	73.1	





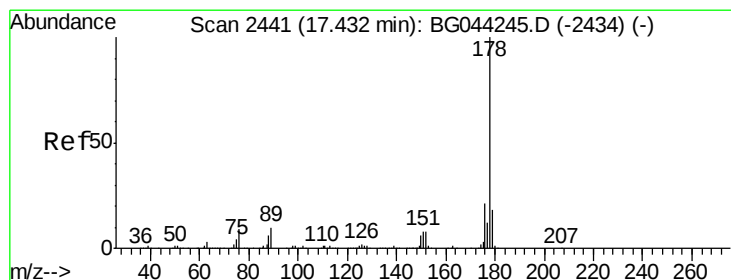
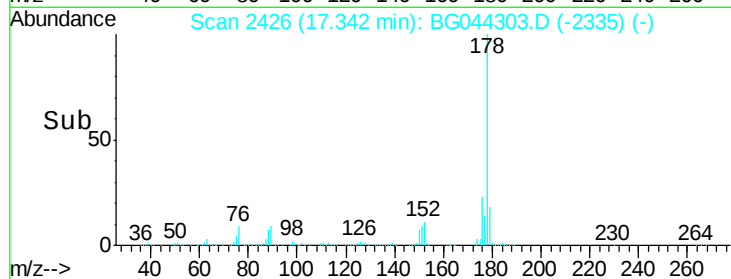
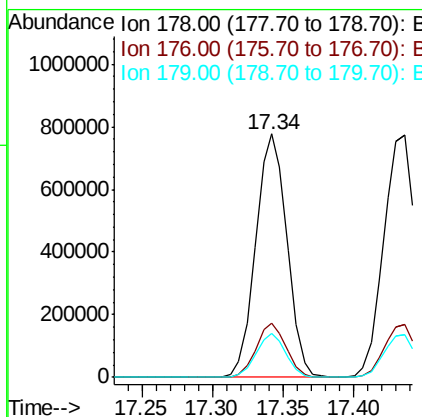
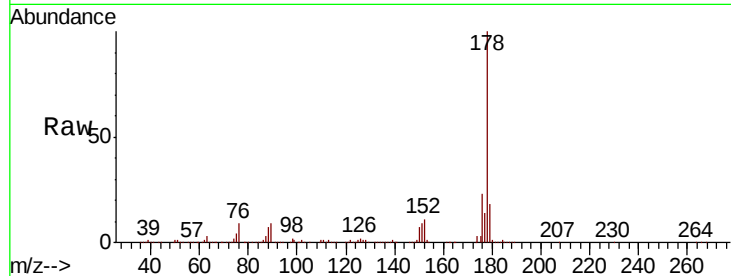
#71
Phenanthrene
Concen: 40.850 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampled :
PB126601BS

Tot Ion:178 Resp: 1208051
Ion Ratio Lower Upper
178 100
176 22.5 17.7 26.5
179 18.1 13.7 20.5

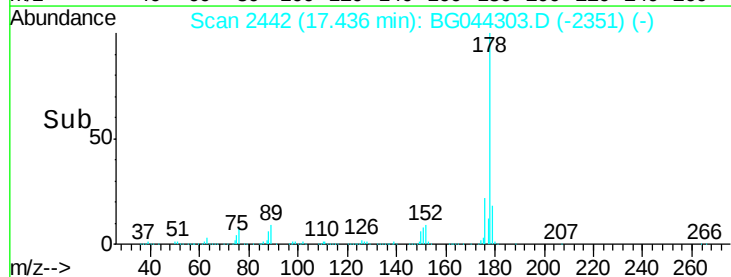
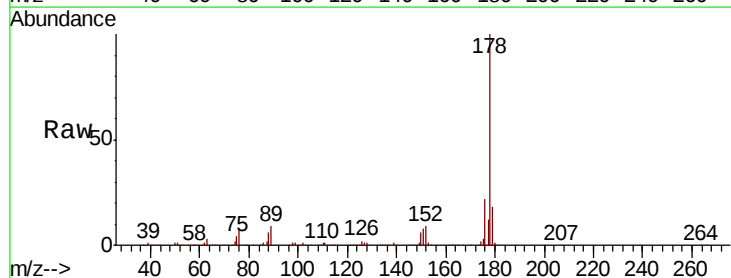
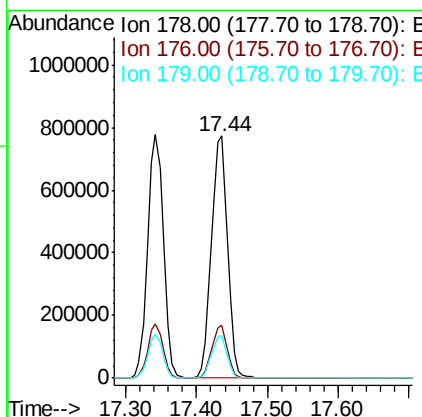
Manual Integrations
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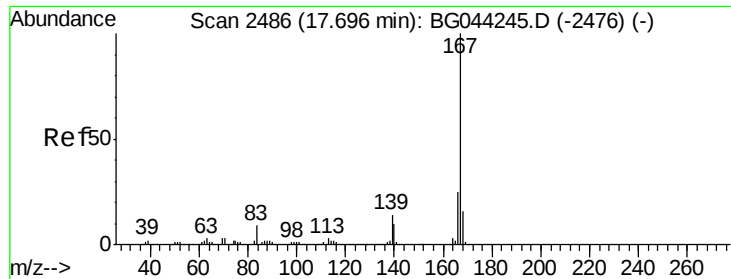
mohammad
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#72
Anthracene
Concen: 42.064 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:178 Resp: 1229856
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 17.6 14.4 21.6





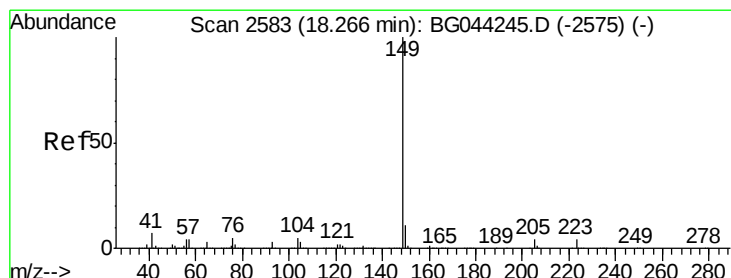
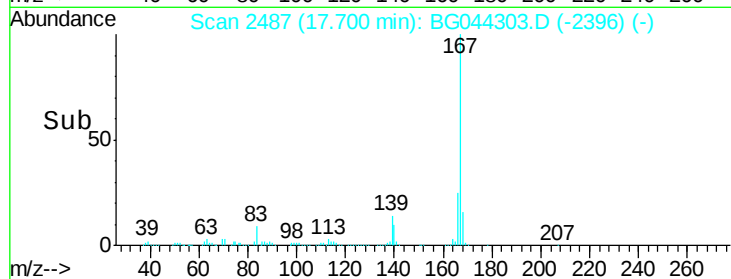
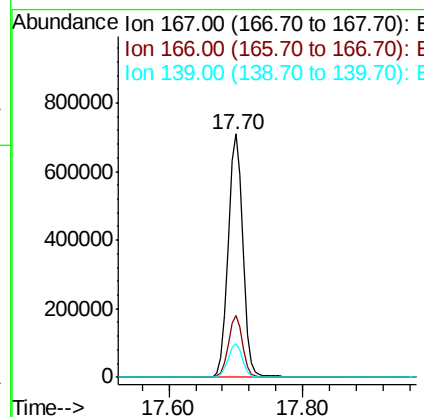
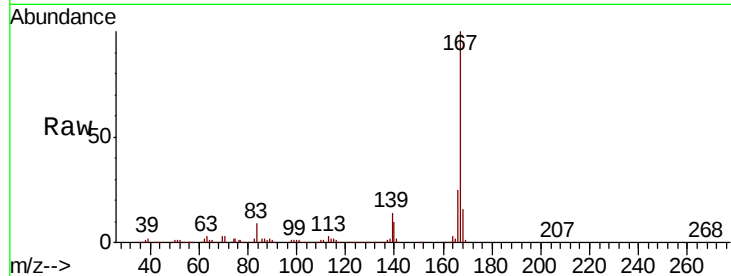
#73
 Carbazole
 Concen: 41.416 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	25.5	19.8	29.6	
139	14.0	11.1	16.7	

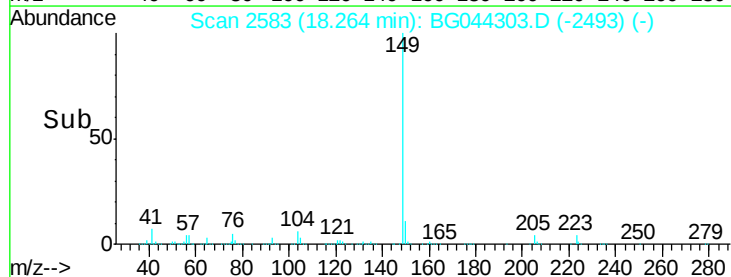
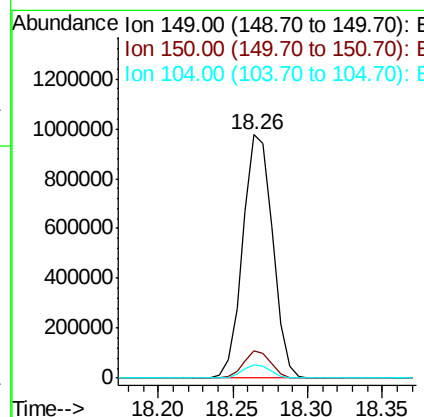
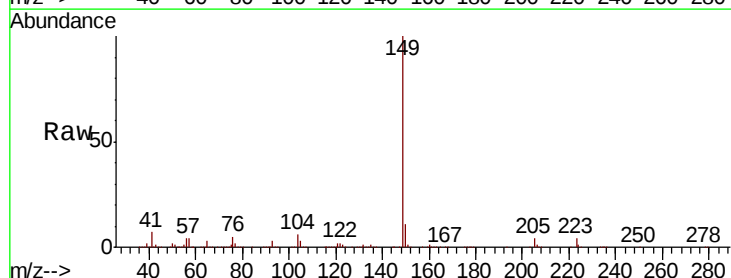
Manual Integrations
 APPROVED

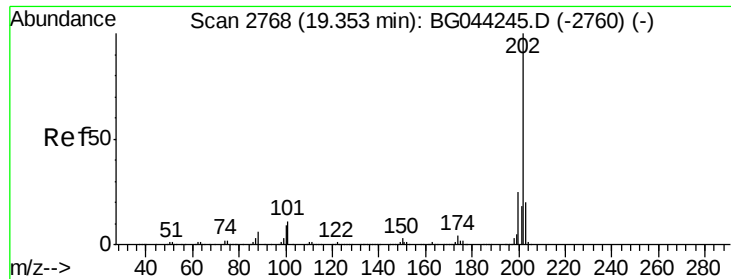
mohammad
 2/6/2020 2:19:21 PM



#74
 Di-n-butylphthalate
 Concen: 40.644 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	11.1	8.7	13.1	
104	5.6	4.3	6.5	





#75

Fluoranthene

Concen: 41.070 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

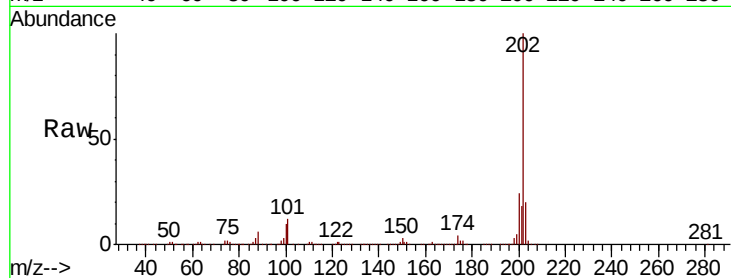
ClientSampleId :

PB126601BS

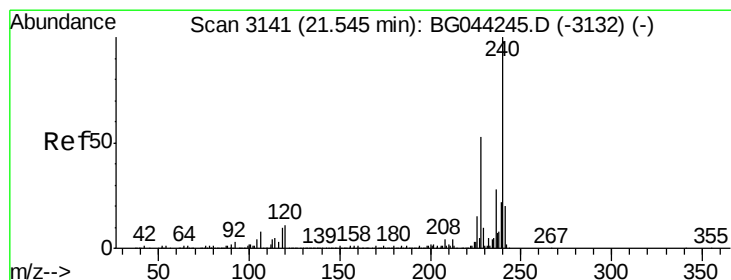
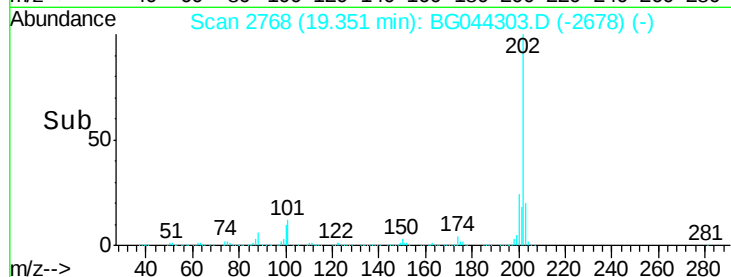
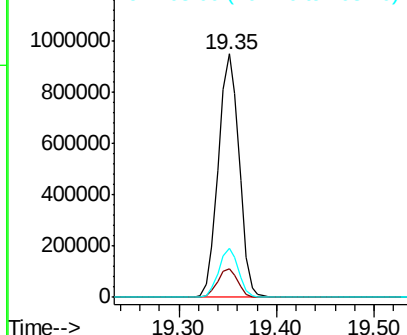
Tot Ion:	202	Resp:	1405005
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.3
203	20.3	0.0	39.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

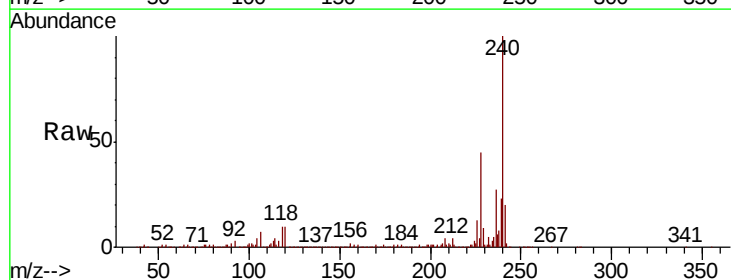
RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

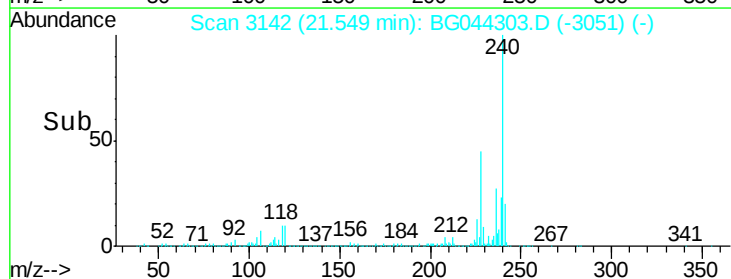
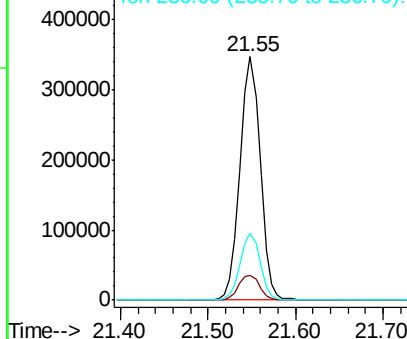
Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	240	Resp:	540833
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	27.4	22.1	33.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.349 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

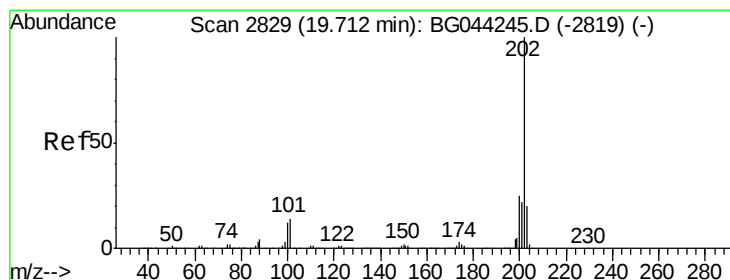
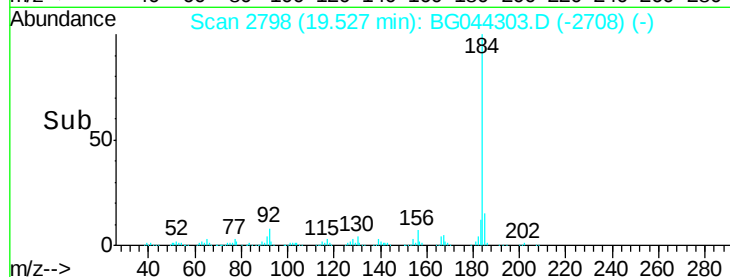
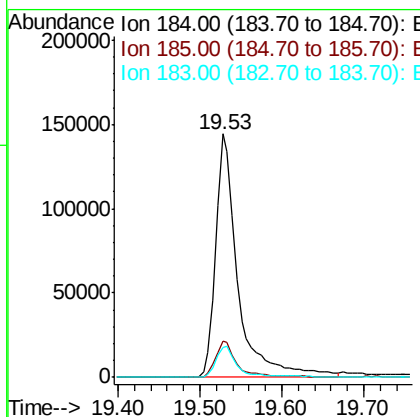
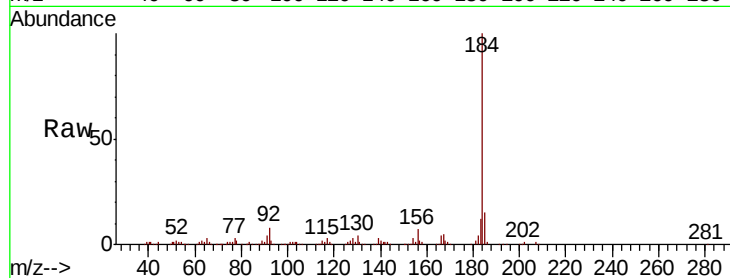
ClientSampleId :

PB126601BS

Tot Ion:	184	Resp:	275264
Ion Ratio		Lower	Upper
184	100		
185	15.1	12.9	19.3
183	12.3	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 41.084 ng

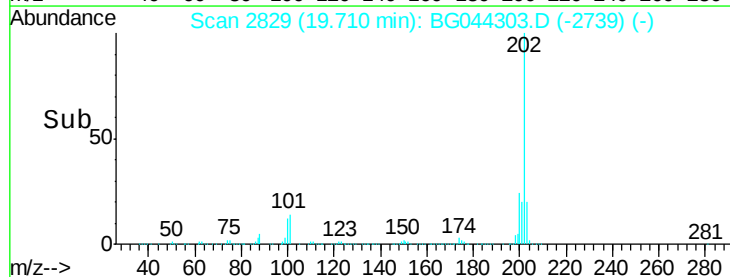
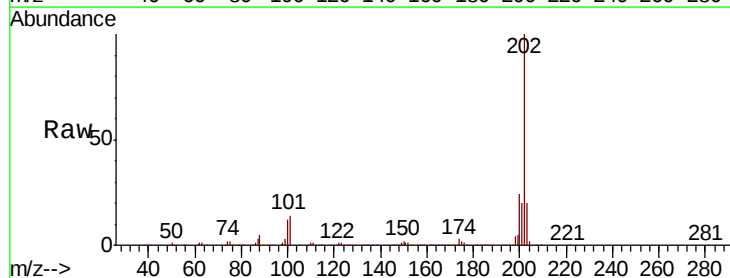
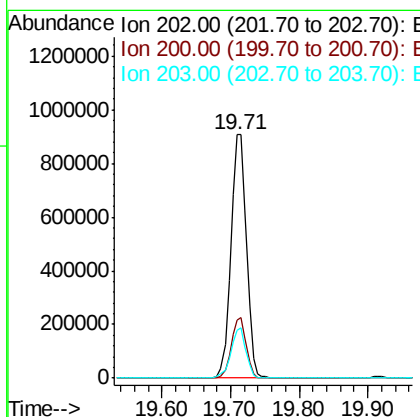
RT: 19.71 min Scan# 2829

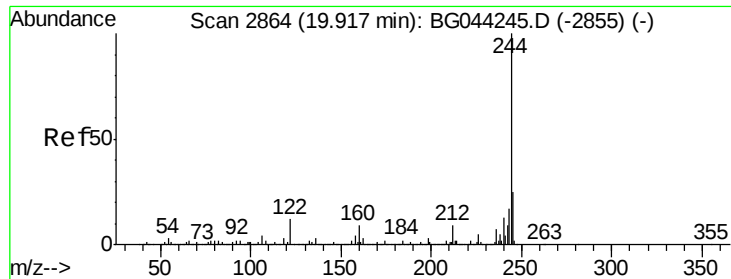
Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	202	Resp:	1426942
Ion Ratio		Lower	Upper
202	100		
200	23.9	20.0	30.0
203	19.8	16.2	24.2





#79

Terphenyl-d14

Concen: 70.148 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion:244 Resp: 1844461

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.2

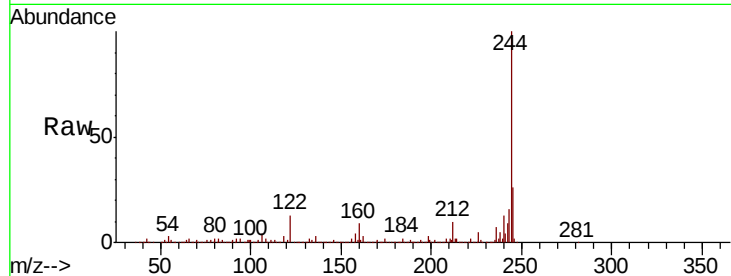
122 12.5 9.8 14.6

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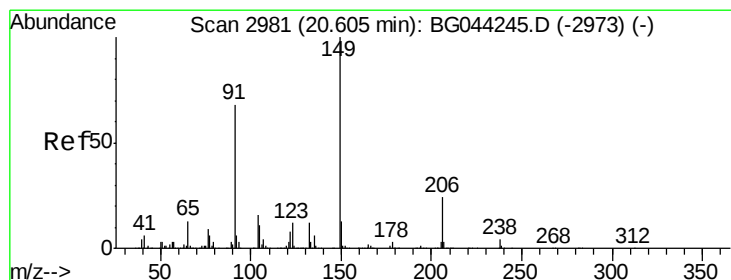
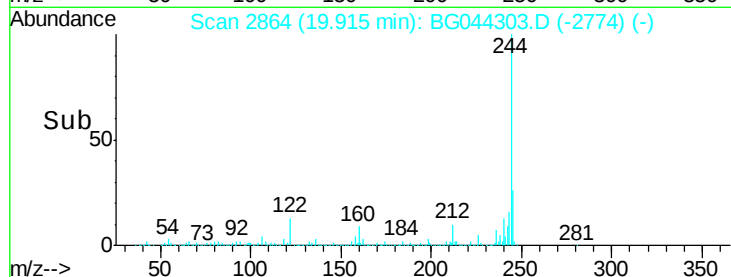
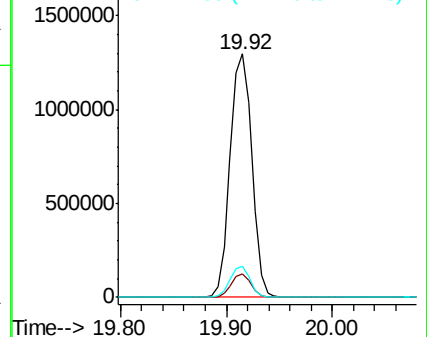
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.688 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

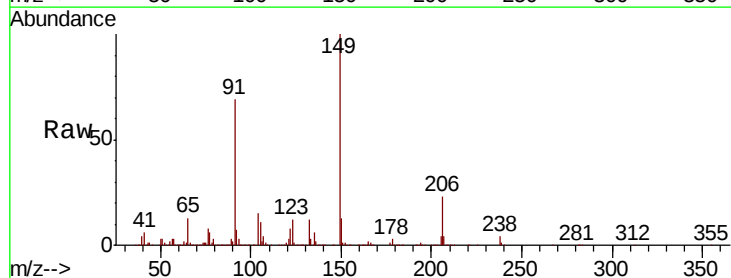
Tgt Ion:149 Resp: 644004

Ion Ratio Lower Upper

149 100

91 68.8 54.5 81.7

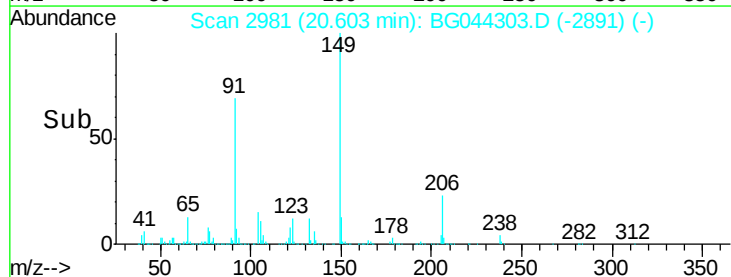
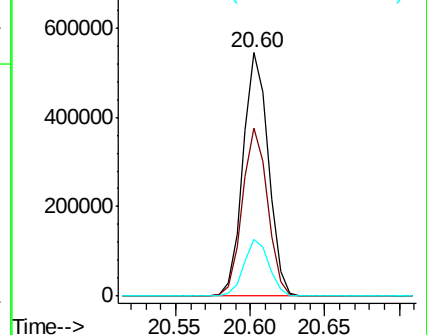
206 23.5 19.1 28.7

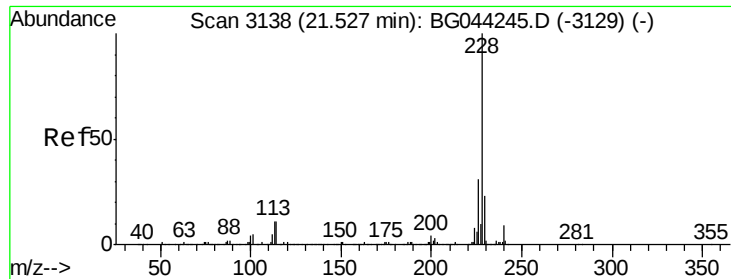


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





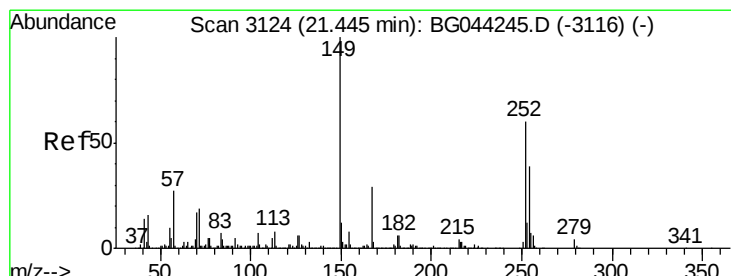
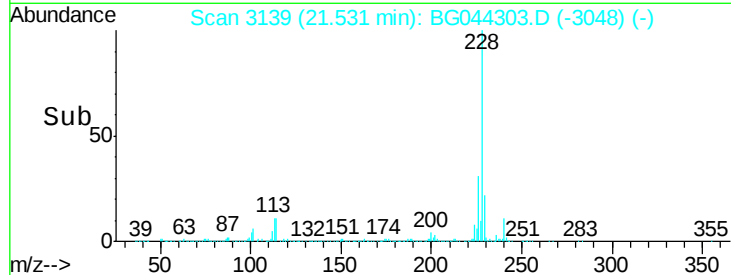
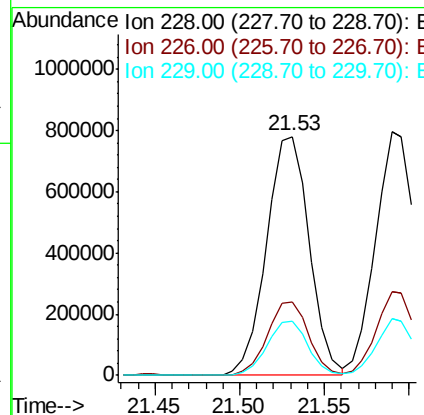
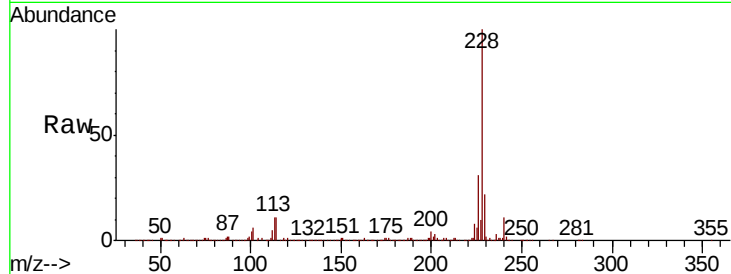
#81
Benzo(a)anthracene
Concen: 41.093 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:228 Resp: 1369722
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.5 18.2 27.4

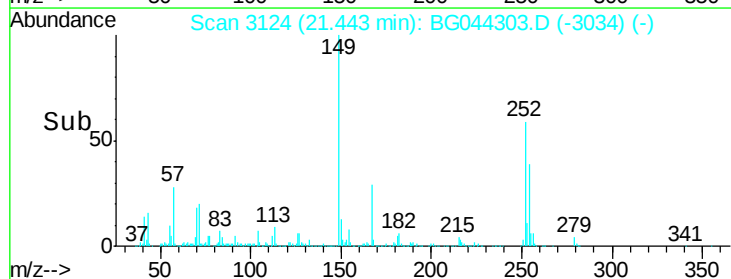
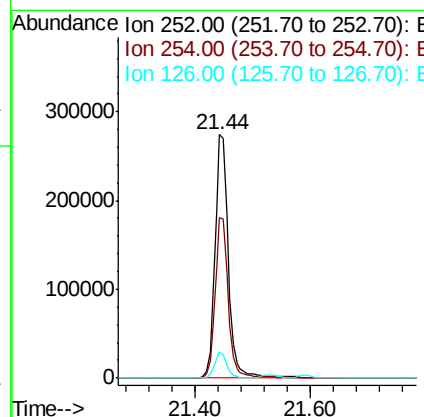
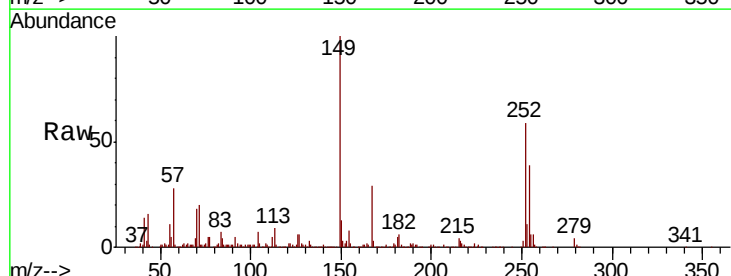
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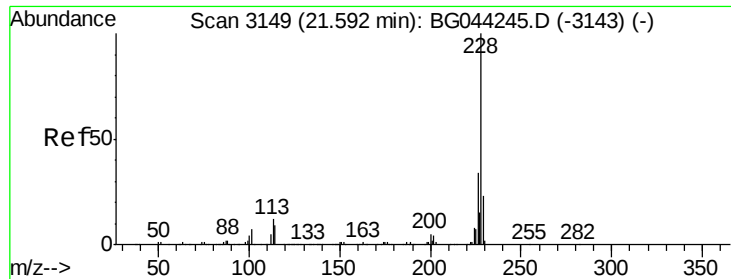
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#82
3,3'-Dichlorobenzidine
Concen: 34.349 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion:252 Resp: 444357
Ion Ratio Lower Upper
252 100
254 65.8 52.6 78.8
126 10.9 8.2 12.4





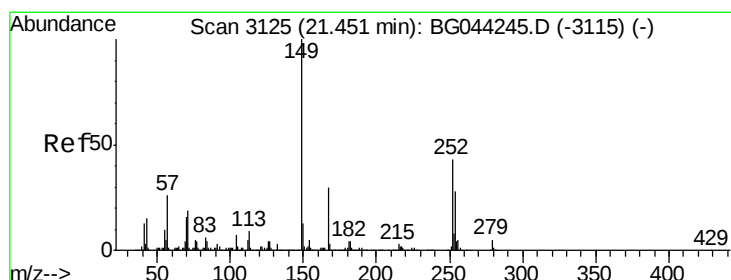
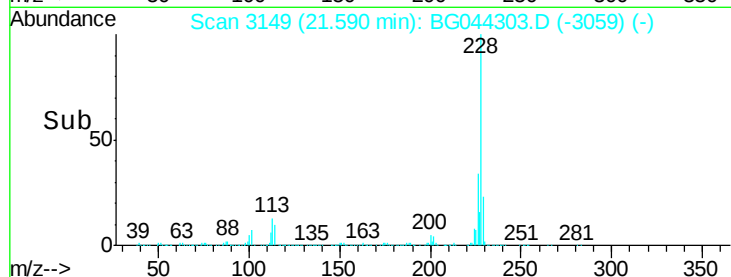
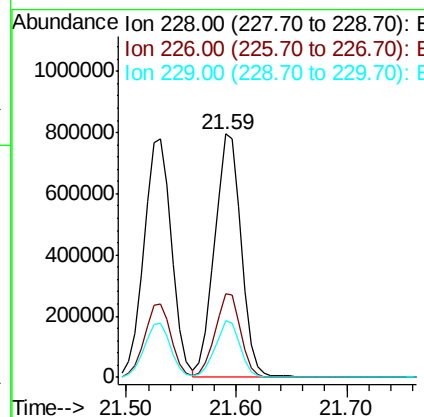
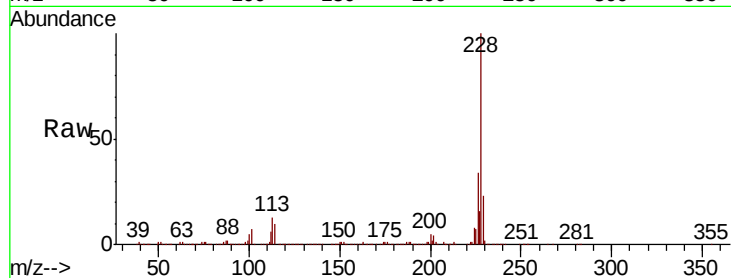
#83
 Chrvsene
 Concen: 40.681 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion:228 Resp: 1310680
 Ion Ratio Lower Upper
 228 100
 226 34.5 27.1 40.7
 229 23.1 17.9 26.9

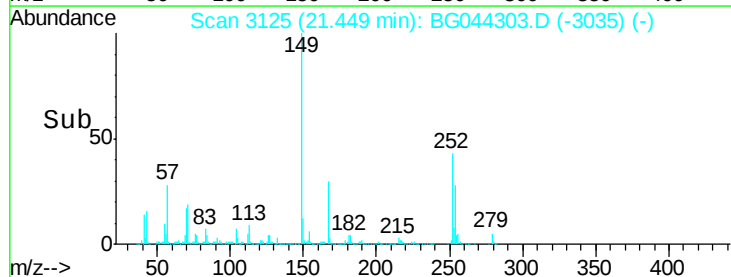
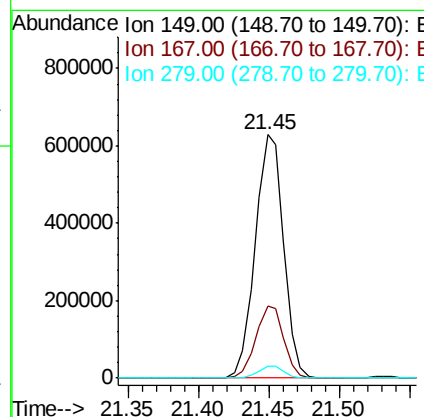
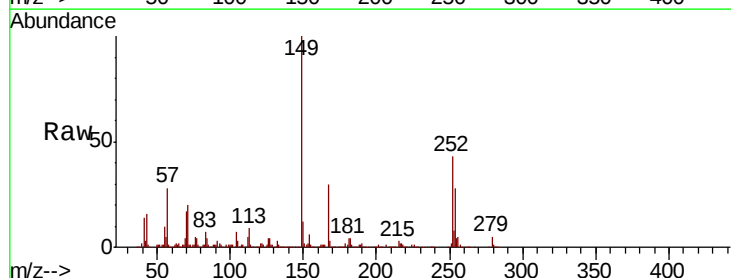
Manual Integrations
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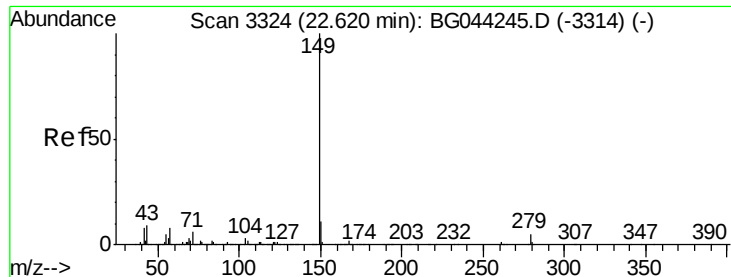
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.736 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044303.D
 Acq: 5 Feb 2020 14:09

Tgt Ion:149 Resp: 887463
 Ion Ratio Lower Upper
 149 100
 167 29.9 24.0 36.0
 279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 41.568 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

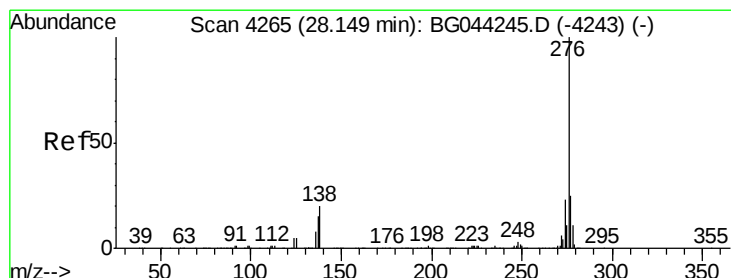
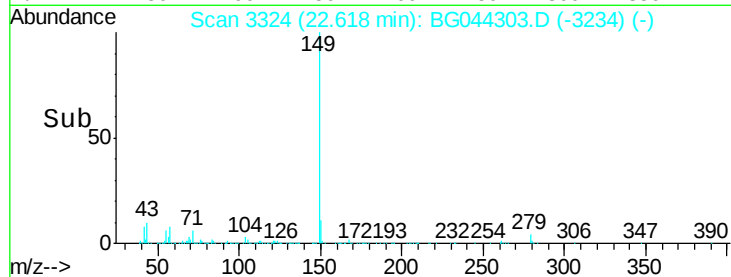
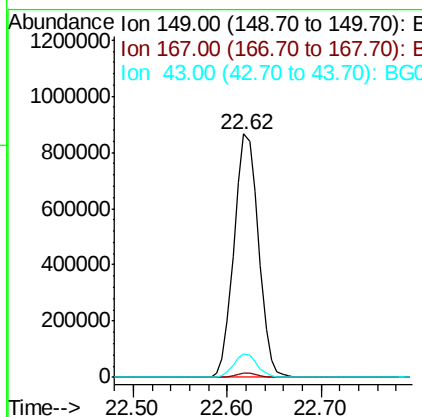
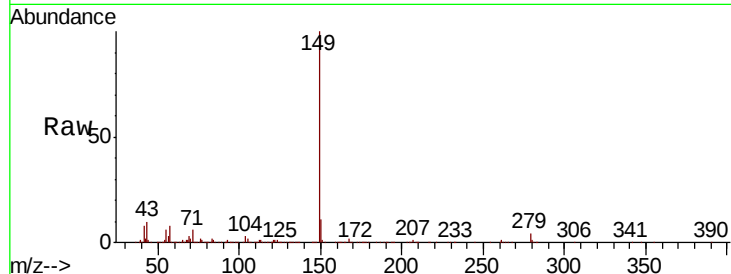
ClientSampleId :

PB126601BS

Tot Ion:	149	Resp:	1566886
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.2	7.4	11.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.520 ng

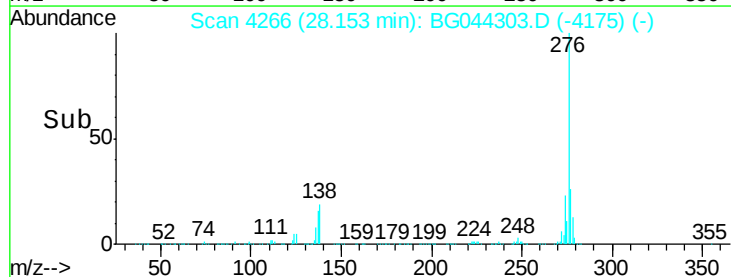
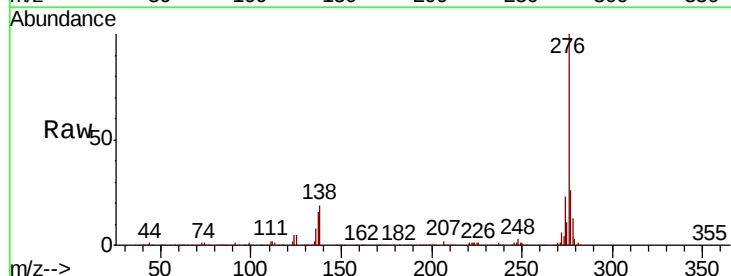
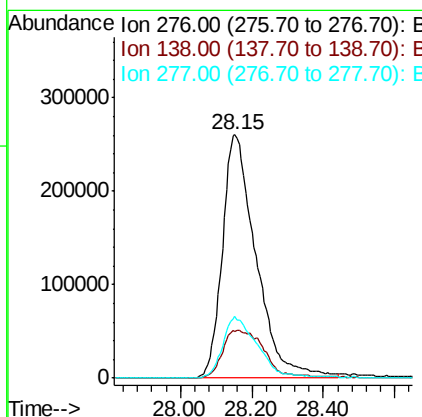
RT: 28.15 min Scan# 4266

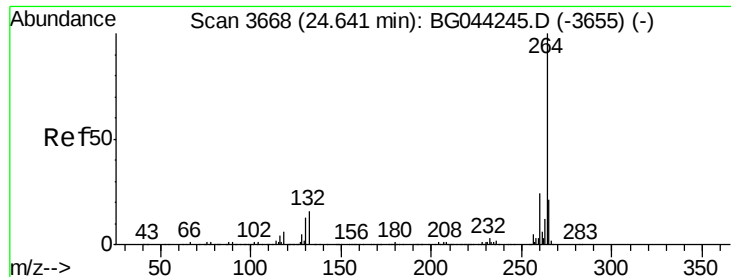
Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	276	Resp:	1703206
Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	26.2	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Instrument :

BNA_G

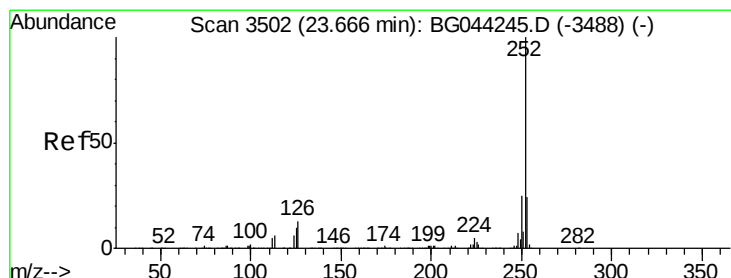
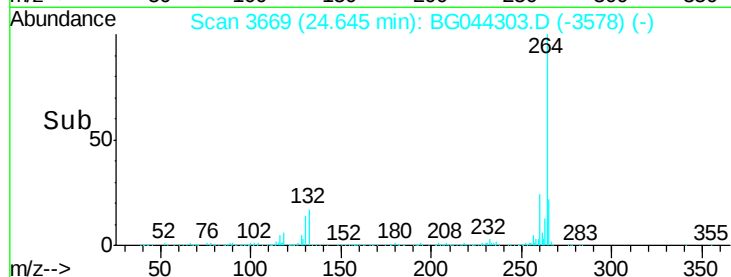
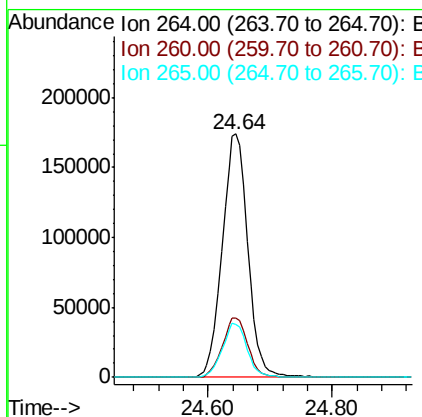
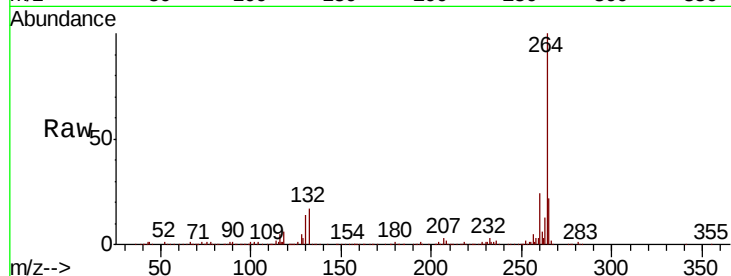
ClientSampleId :

PB126601BS

Tot Ion:	264	Resp:	499326
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	21.8	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 50.417 ng

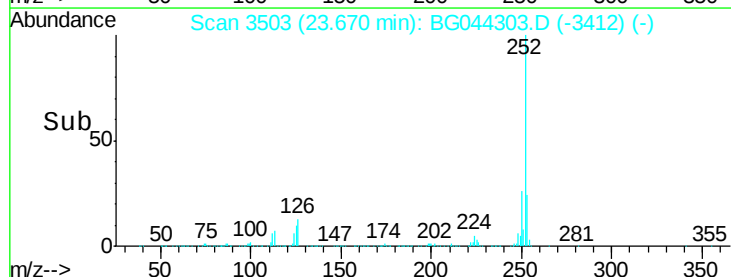
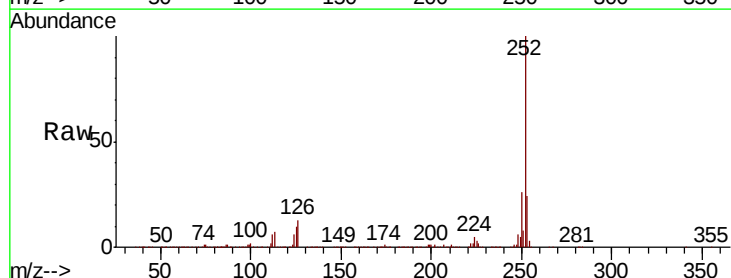
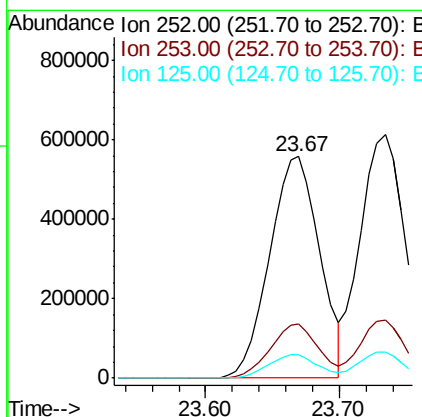
RT: 23.67 min Scan# 3503

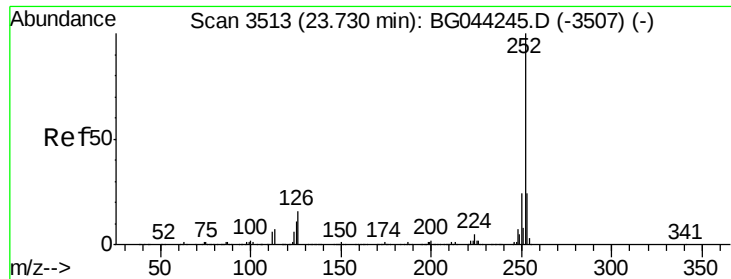
Delta R.T. 0.00 min

Lab File: BG044303.D

Acq: 5 Feb 2020 14:09

Tgt Ion:	252	Resp:	1450645
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.2	28.8
125	10.3	8.4	12.6





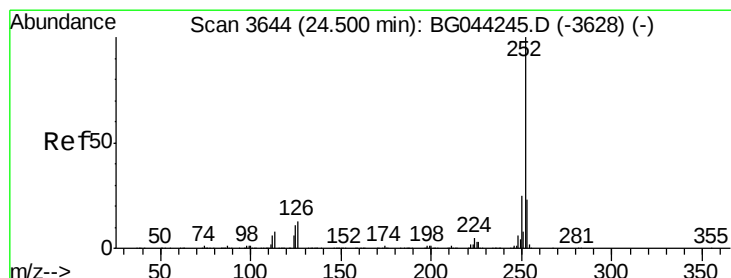
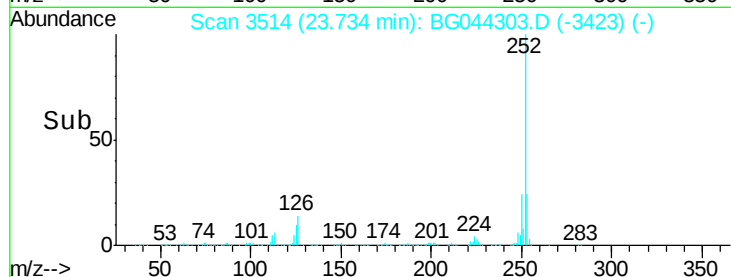
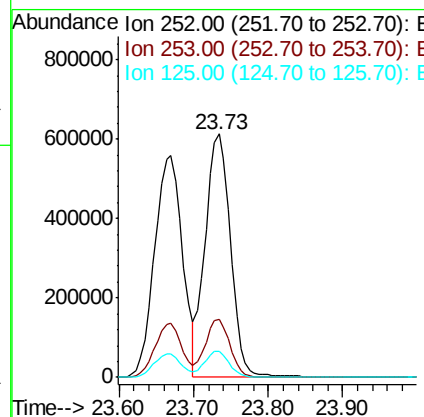
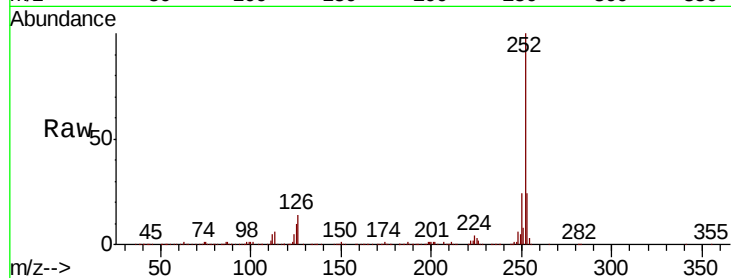
#89
Benzo(k)fluoranthene
Concen: 51.512 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	10.4	8.6	12.8

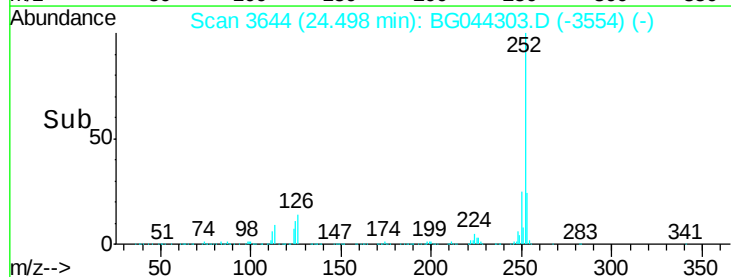
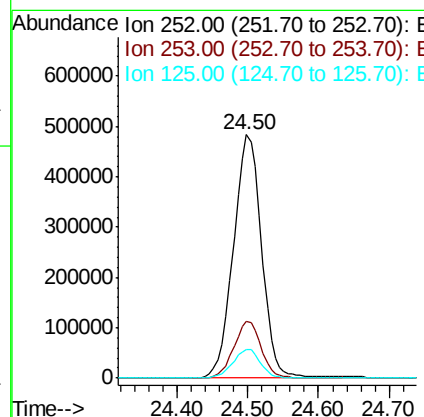
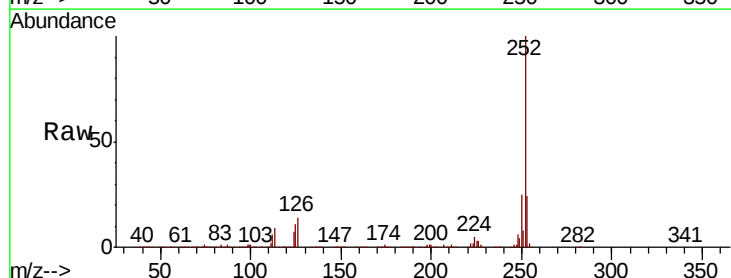
Manual Integrations
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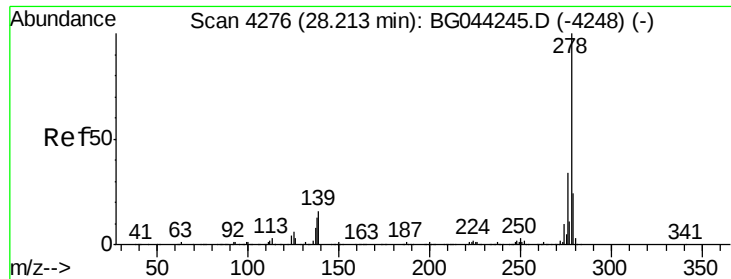
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#90
Benzo(a)pyrene
Concen: 49.162 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.5	8.6	13.0





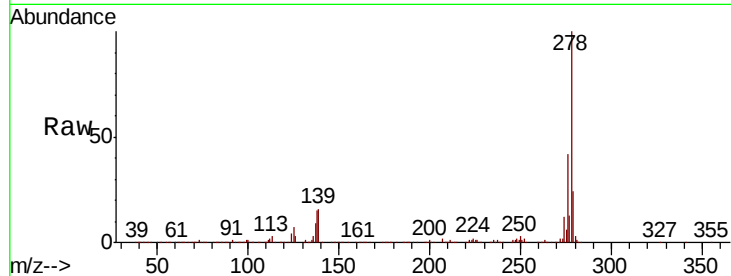
#91
Dibenzo(a,h)anthracene
Concen: 52.220 ng
RT: 28.22 min Scan# 4277
Delta R.T. 0.00 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Instrument :
BNA_G
ClientSampleId :
PB126601BS

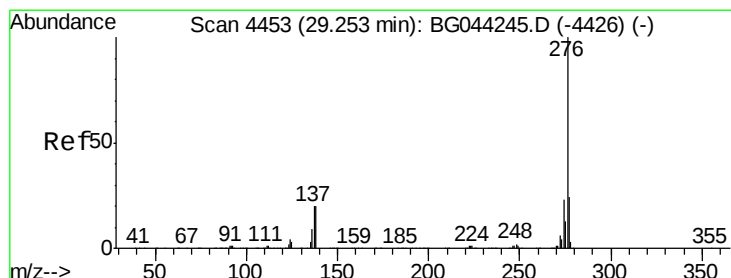
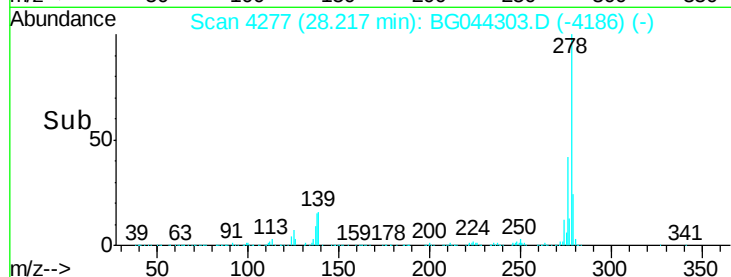
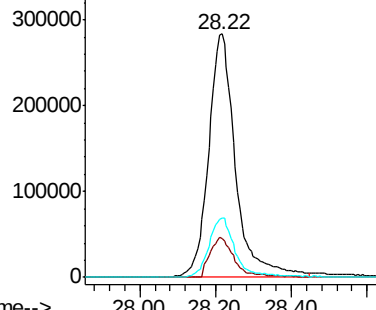
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	24.1	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/6/2020 2:19:21 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.844 ng
RT: 29.25 min Scan# 4452
Delta R.T. -0.01 min
Lab File: BG044303.D
Acq: 5 Feb 2020 14:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	21.0	16.2	24.2

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

