

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044446.D
 Acq On : 14 Feb 2020 19:57
 Operator : CG/JU
 Sample : L1525-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Manual Integrations
 APPROVED

mohammad
 2/17/2020 3:48:39 PM

Quant Time: Feb 17 00:21:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	62299	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	261753	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	172250	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	400705	20.00	ng	0.00
76) Chrysene-d12	21.52	240	401667	20.00	ng	-0.01
87) Perylene-d12	24.61	264	431239	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	491181	139.14	ng	0.00
7) Phenol-d6	7.07	99	644865	136.04	ng	0.00
23) Nitrobenzene-d5	9.05	82	387680	83.62	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	274210	135.61	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	881546	85.70	ng	0.00
79) Terphenyl-d14	19.89	244	1477957	75.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	61698	38.901	ng	99
3) Pyridine	3.74	79	158276	37.457	ng	100
4) n-Nitrosodimethylamine	3.66	42	81414	46.108	ng	99
6) Aniline	7.22	93	156538	26.604	ng	99
8) 2-Chlorophenol	7.46	128	209153	53.911	ng	99
9) Benzaldehyde	7.03	77	87022	32.233	ng	97
10) Phenol	7.10	94	253389	54.013	ng	100
11) bis(2-Chloroethyl)ether	7.31	93	188986	47.120	ng	96
12) 1,3-Dichlorobenzene	7.78	146	214708	46.352	ng	97
13) 1,4-Dichlorobenzene	7.93	146	217164	47.336	ng	98
14) 1,2-Dichlorobenzene	8.25	146	204415	47.140	ng	99
15) Benzyl Alcohol	8.13	79	168087	50.086	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	248520	45.781	ng	99
17) 2-Methylphenol	8.34	107	176309	52.675	ng	100
18) Hexachloroethane	8.98	117	78410	45.545	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	149892	47.447	ng	97
20) 3+4-Methylphenols	8.67	107	238589	51.723	ng	100
22) Acetophenone	8.71	105	281708	44.241	ng	99
24) Nitrobenzene	9.09	77	210416	46.488	ng	100
25) Isophorone	9.62	82	413505	47.850	ng	100
26) 2-Nitrophenol	9.81	139	119675	50.955	ng	100
27) 2,4-Dimethylphenol	9.88	122	193953	58.502	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	262166	45.477	ng	100
29) 2,4-Dichlorophenol	10.35	162	203447	50.750	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	207922	45.233	ng	99
31) Naphthalene	10.75	128	607089	47.804	ng	99
32) Benzoic acid	10.04	122	57263	32.652	ng	94
33) 4-Chloroaniline	10.86	127	63416	10.980	ng	98
34) Hexachlorobutadiene	11.04	225	123346	43.609	ng	100
35) Caprolactam	11.62	113	77930m	53.068	ng	
36) 4-Chloro-3-methylphenol	11.99	107	214804	51.107	ng	99
37) 2-Methylnaphthalene	12.36	142	453809	48.129	ng	99
38) 1-Methylnaphthalene	12.57	142	430706	48.451	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	226481	43.955	ng	99

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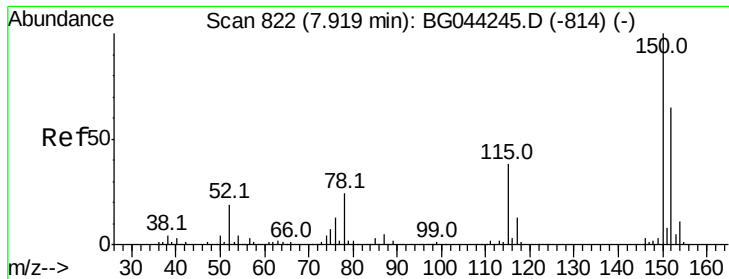
Manual Integrations
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 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	256042	103.562	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	163367	49.052	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	174758	51.373	ng	99
46) 1,1'-Biphenyl	13.37	154	579223	46.619	ng	99
47) 2-Chloronaphthalene	13.41	162	451651	45.682	ng	100
48) 2-Nitroaniline	13.61	65	132756	45.499	ng	97
49) Acenaphthylene	14.25	152	726898	50.126	ng	99
50) Dimethylphthalate	13.99	163	635470	51.323	ng	100
51) 2,6-Dinitrotoluene	14.11	165	135727	49.163	ng	100
52) Acenaphthene	14.60	154	445008	47.344	ng	98
53) 3-Nitroaniline	14.44	138	61951	20.283	ng	95
54) 2,4-Dinitrophenol	14.65	184	156115	93.962	ng	97
55) Dibenzofuran	14.94	168	699620	49.161	ng	98
56) 4-Nitrophenol	14.77	139	258285	115.444	ng	93
57) 2,4-Dinitrotoluene	14.90	165	193040	49.889	ng	96
58) Fluorene	15.58	166	557735	49.759	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	158350	51.535	ng	100
60) Diethylphthalate	15.36	149	609803	49.427	ng	100
61) 4-Chlorophenyl-phenylether	15.58	204	290895	47.864	ng	97
62) 4-Nitroaniline	15.61	138	137502	45.053	ng	97
63) Azobenzene	15.87	77	533798	49.366	ng	100
65) 4,6-Dinitro-2-methylphenol	15.66	198	121592	54.972	ng	98
66) n-Nitrosodiphenylamine	15.79	169	525010	46.753	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	196813	45.082	ng	99
68) Hexachlorobenzene	16.59	284	217187	44.406	ng	99
69) Atrazine	16.75	200	213102	55.366	ng	98
70) Pentachlorophenol	16.94	266	237280	95.311	ng	96
71) Phenanthrene	17.32	178	936814	48.281	ng	98
72) Anthracene	17.41	178	968962	50.510	ng	99
73) Carbazole	17.68	167	902732	51.045	ng	99
74) Di-n-butylphthalate	18.25	149	1116201	51.075	ng	99
75) Fluoranthene	19.33	202	1179594	52.552	ng	99
77) Benzidine	19.51	184	528677	47.452	ng	98
78) Pyrene	19.69	202	1185649	45.964	ng	99
80) Butylbenzylphthalate	20.58	149	531561	45.219	ng	97
81) Benzo(a)anthracene	21.50	228	1146340	46.307	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	202399	21.066	ng	99
83) Chrysene	21.57	228	1084185	45.310	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	749615	46.330	ng	100
85) Di-n-octyl phthalate	22.59	149	1301742	46.499	ng	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	1405618	45.026	ng	100
88) Benzo(b)fluoranthene	23.63	252	1226506	49.357	ng	99
89) Benzo(k)fluoranthene	23.70	252	1170044	48.311	ng	99
90) Benzo(a)pyrene	24.47	252	1116128	47.505	ng	100
91) Dibenzo(a,h)anthracene	28.16	278	1156006	49.716	ng	98
92) Benzo(g,h,i)perylene	29.18	276	1177996	50.608	ng	98

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



#1

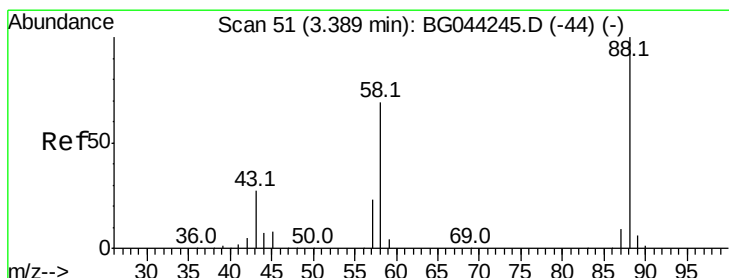
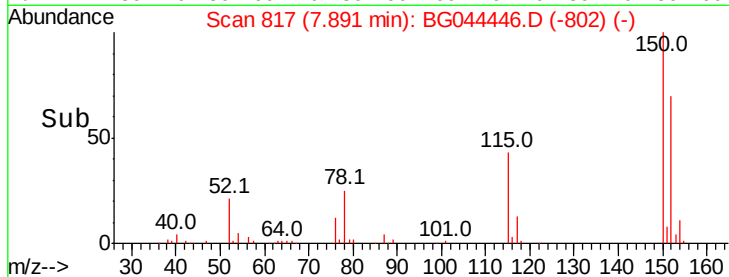
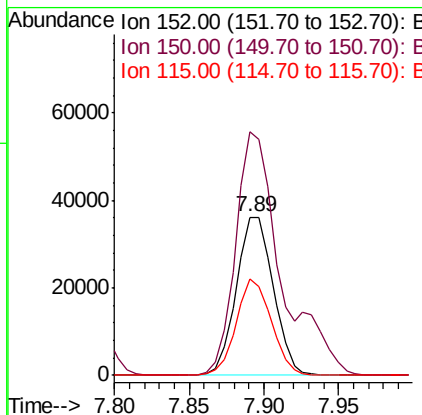
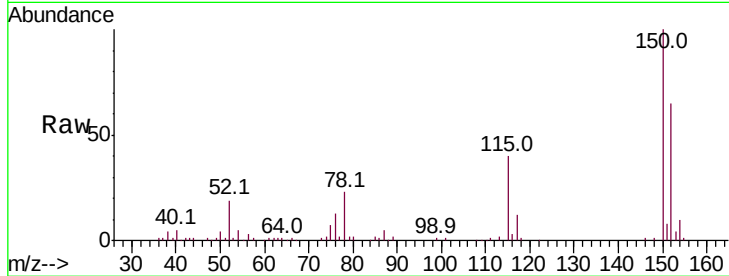
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.6	183.8
115	60.9	46.0	69.0

Manual Integrations
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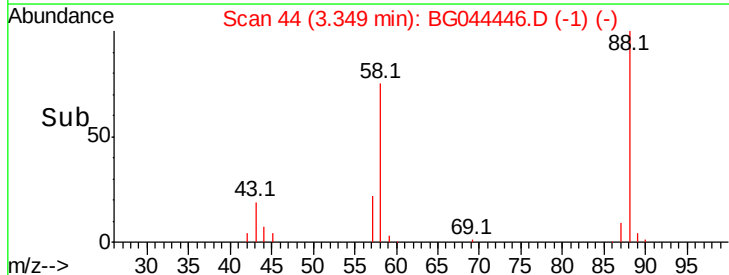
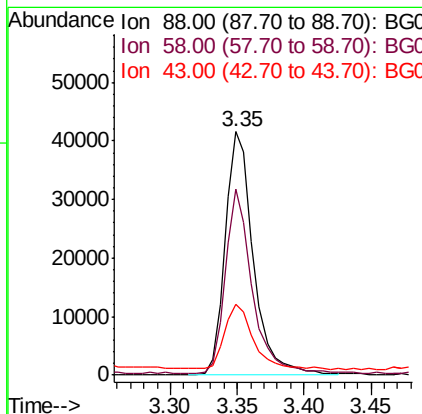
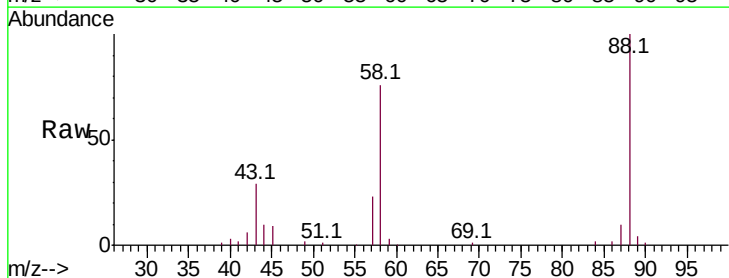
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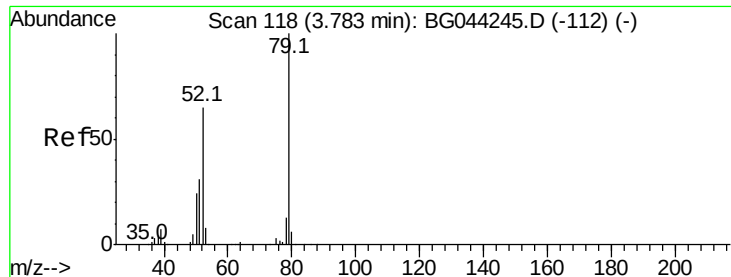


#2

1,4-Dioxane
 Concen: 38.901 ng
 RT: 3.35 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	55.8	83.6
43	26.7	21.6	32.4





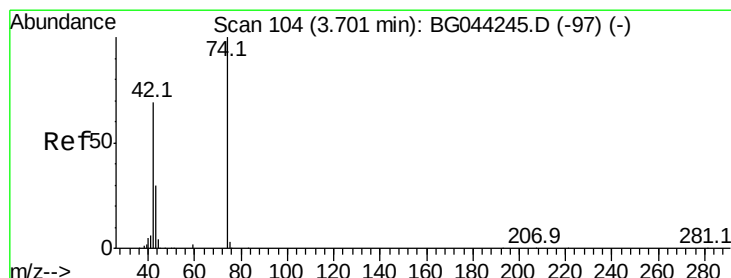
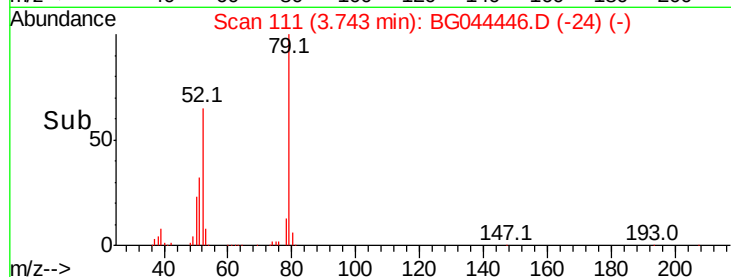
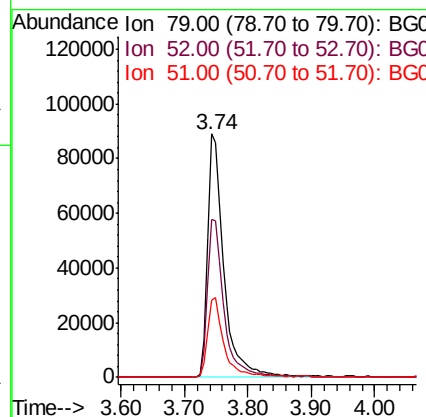
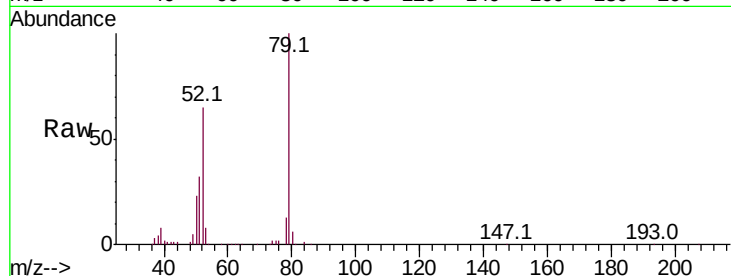
#3
 Pvridine
 Concen: 37.457 ng
 RT: 3.74 min Scan# 111
 Delta R.T. -0.02 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	51.9	77.9
51	31.9	25.3	37.9

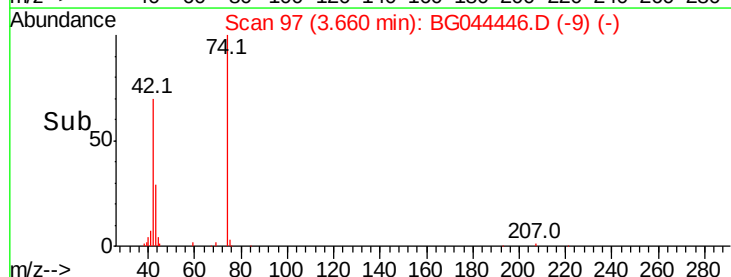
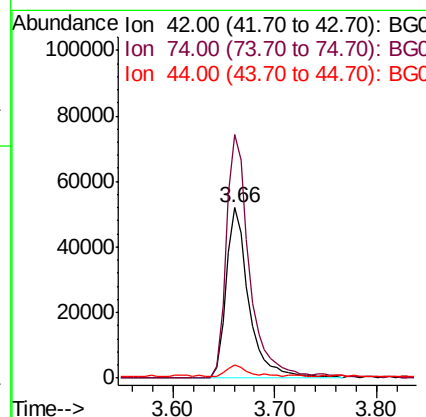
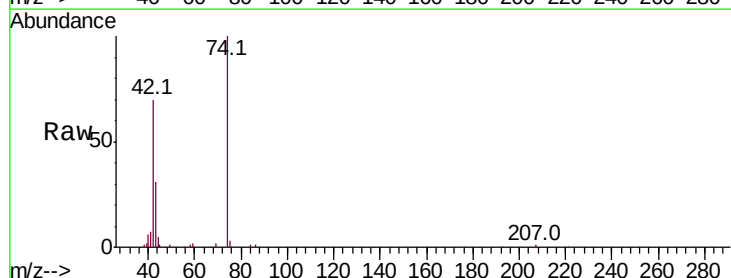
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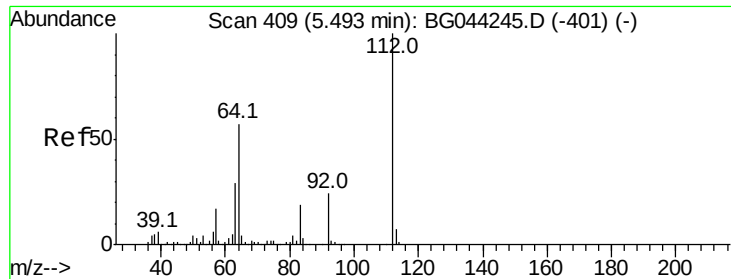
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#4
 n-Nitrosodimethylamine
 Concen: 46.108 ng
 RT: 3.66 min Scan# 97
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.1	115.1	172.7
44	7.6	5.6	8.4





#5

2-Fluorophenol

Concen: 139.145 ng

RT: 5.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

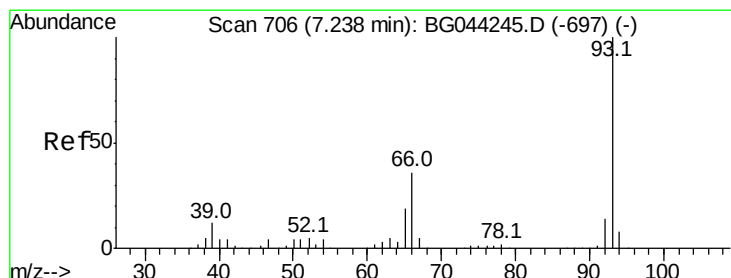
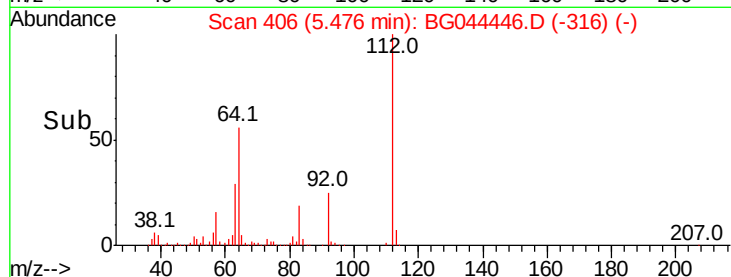
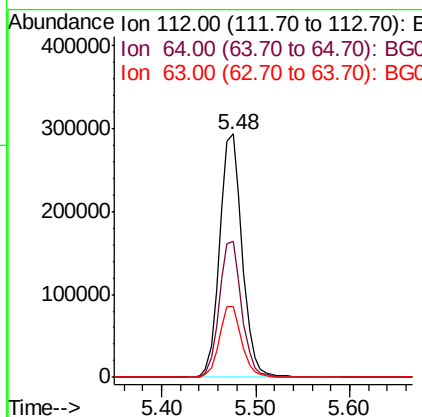
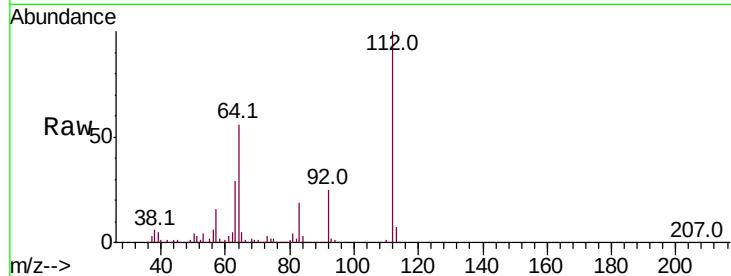
ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion:	112	Resp:	491181
Ion Ratio	Lower	Upper	
112	100		
64	55.9	45.4	68.2
63	28.9	22.9	34.3

Manual Integrations
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#6

Aniline

Concen: 26.604 ng

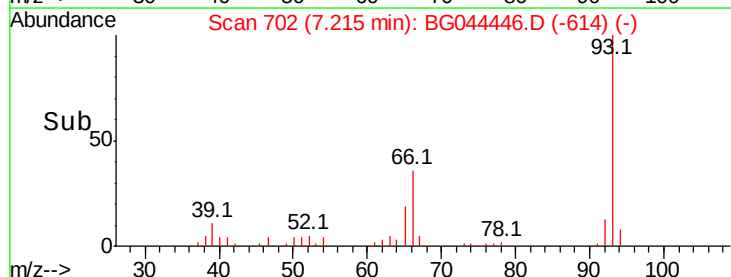
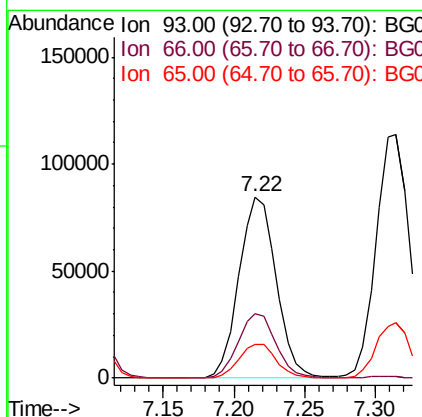
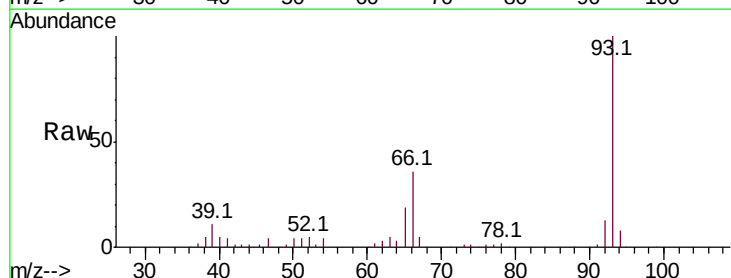
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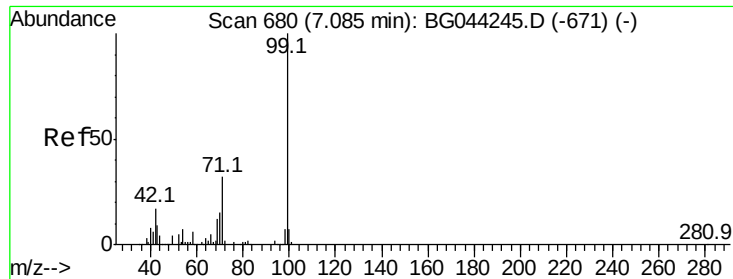
Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion:	93	Resp:	156538
Ion Ratio	Lower	Upper	
93	100		
66	35.8	28.7	43.1
65	18.6	15.4	23.0





#7

Phenol-d6

Concen: 136.040 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

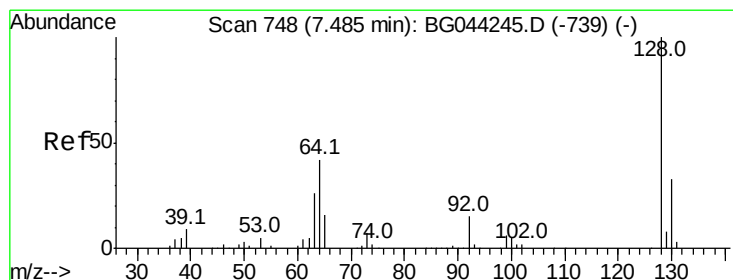
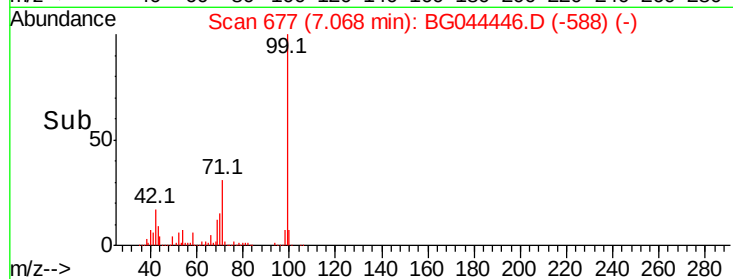
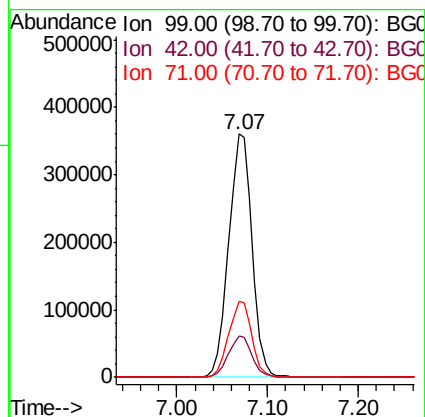
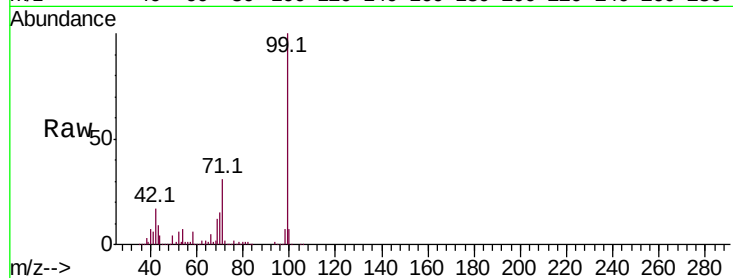
ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	644865		
42	17.1	13.8	20.6	
71	31.0	25.5	38.3	

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#8

2-Chlorophenol

Concen: 53.911 ng

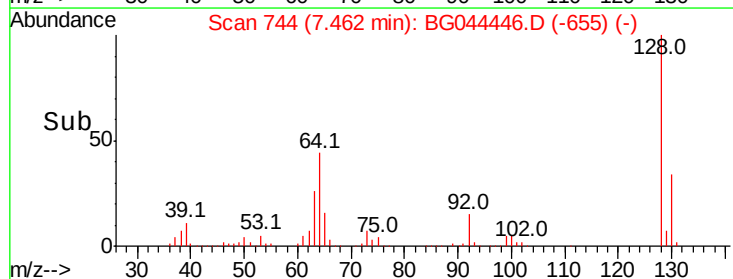
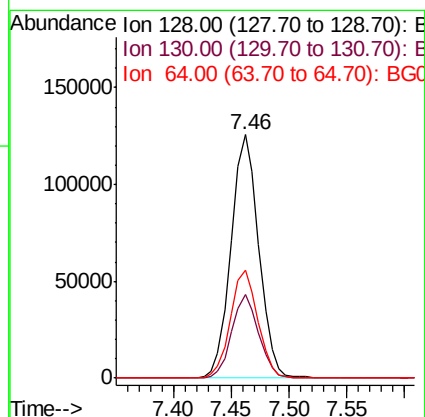
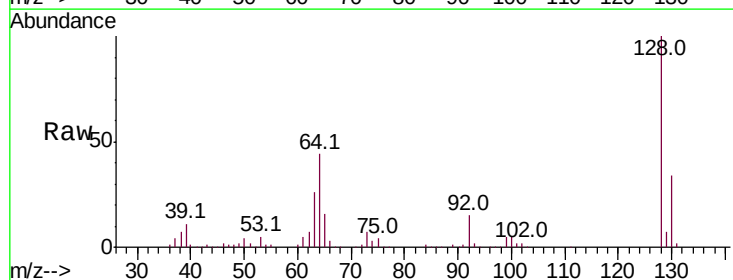
RT: 7.46 min Scan# 744

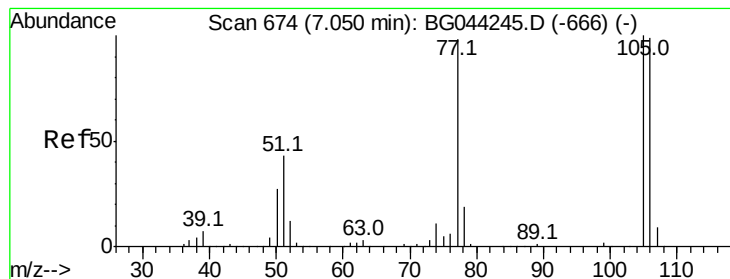
Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	209153		
130	34.2	12.5	52.5	
64	44.1	24.2	64.2	





#9

Benzaldehyde

Concen: 32.233 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion: 77 Resp: 87022

Ion Ratio Lower Upper

77 100

105 107.1 82.0 122.0

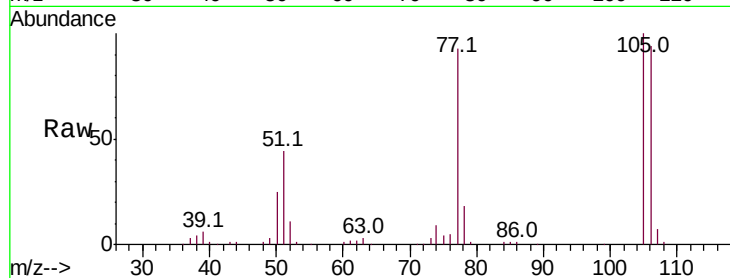
106 100.8 80.7 120.7

Manual Integrations

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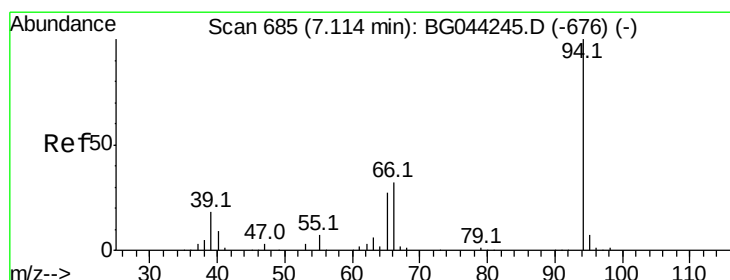
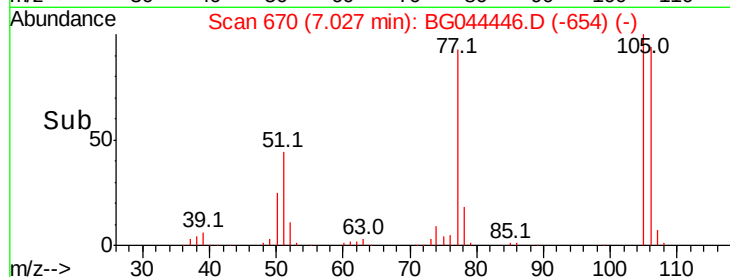
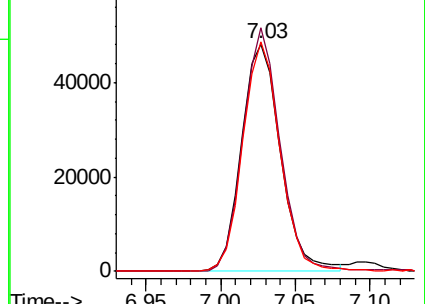
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 54.013 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

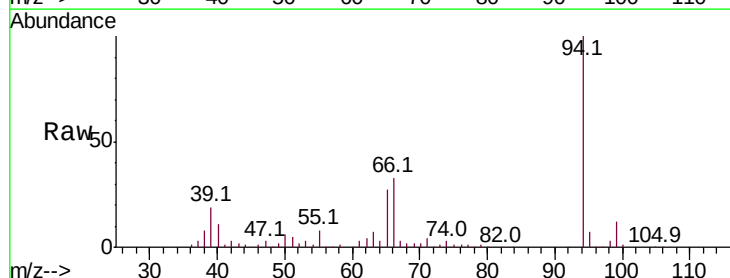
Tgt Ion: 94 Resp: 253389

Ion Ratio Lower Upper

94 100

65 27.3 7.0 47.0

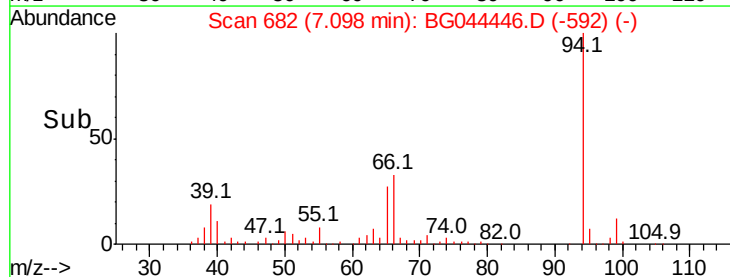
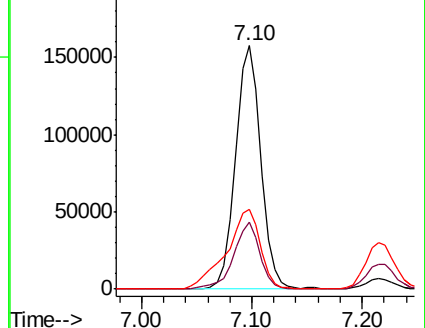
66 32.9 12.7 52.7

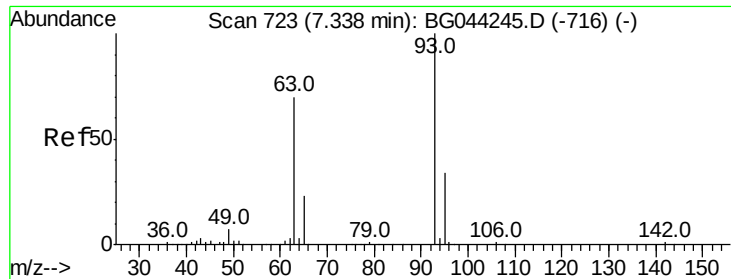


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





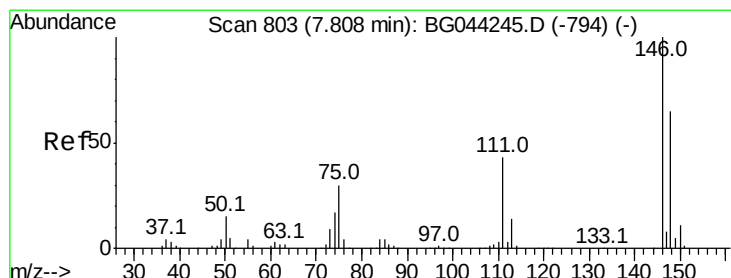
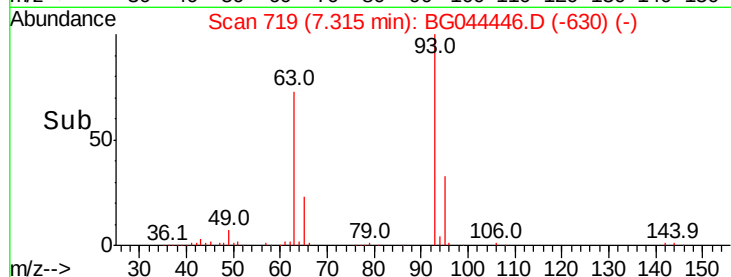
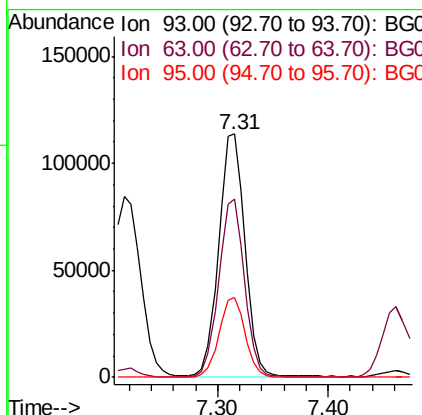
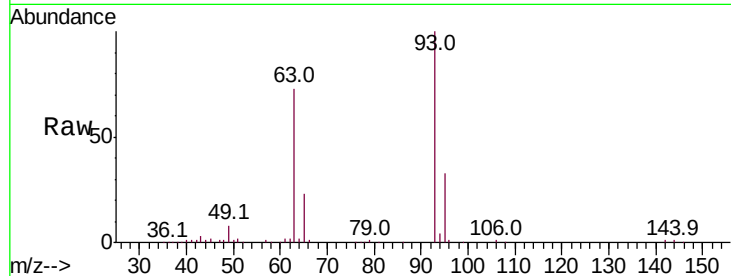
#11
bis(2-Chloroethyl)ether
Concen: 47.120 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	49.2	89.2
95	33.0	13.6	53.6

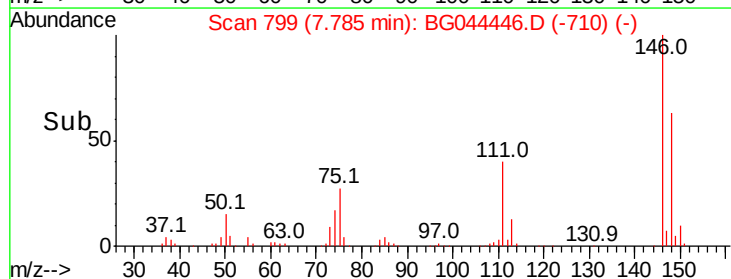
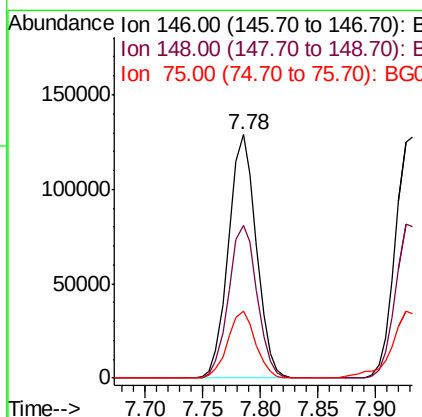
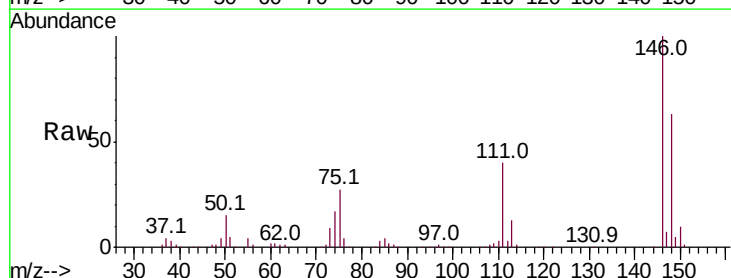
Manual Integrations
APPROVED

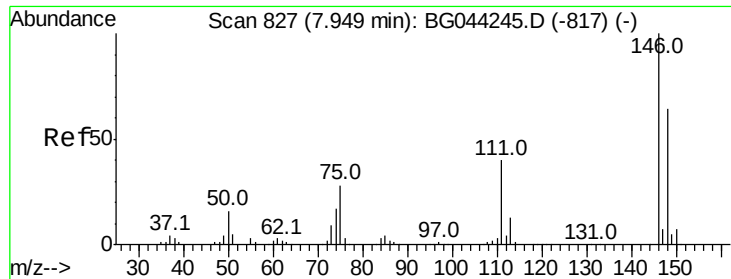
mohammad
2/17/2020 3:48:39 PM



#12
1,3-Dichlorobenzene
Concen: 46.352 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
75	27.4	23.7	35.5





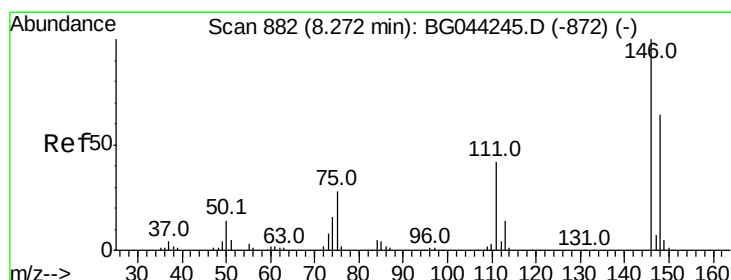
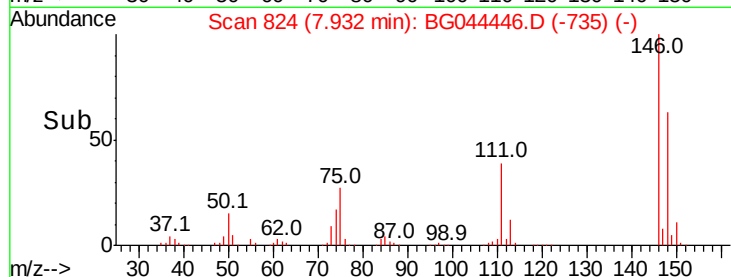
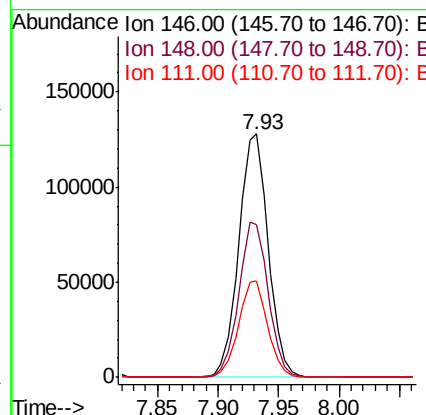
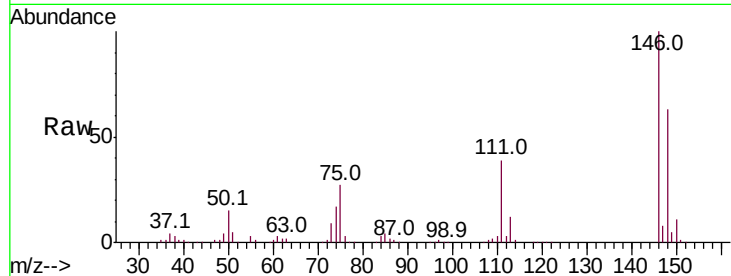
#13
 1,4-Dichlorobenzene
 Concen: 47.336 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.4	77.0
111	39.4	31.8	47.8

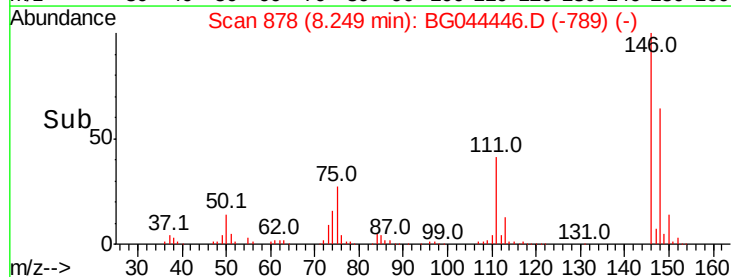
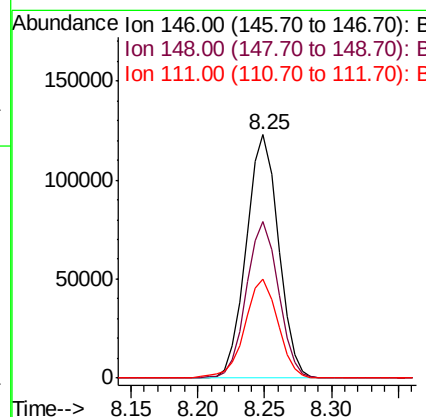
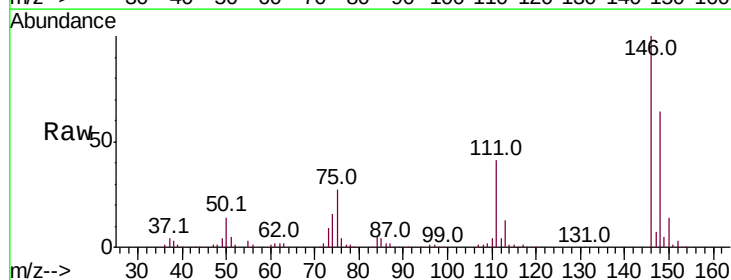
Manual Integrations
 APPROVED

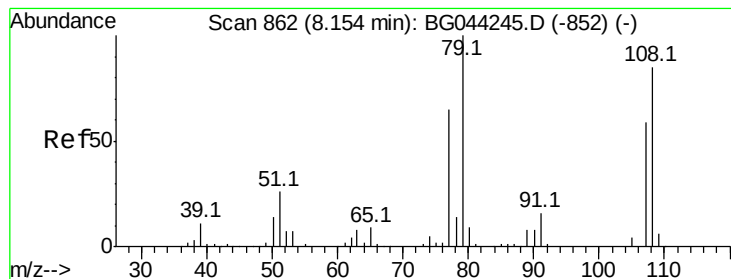
mohammad
 2/17/2020 3:48:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.140 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	40.8	34.0	51.0





#15

Benzyl Alcohol

Concen: 50.086 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

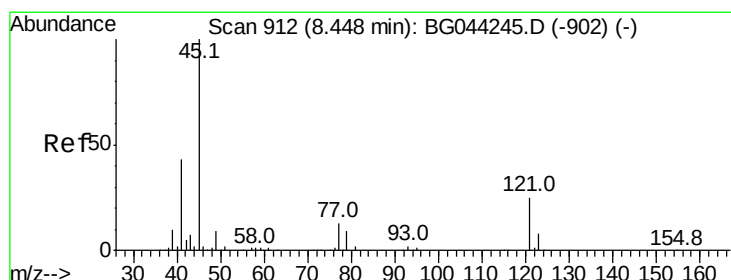
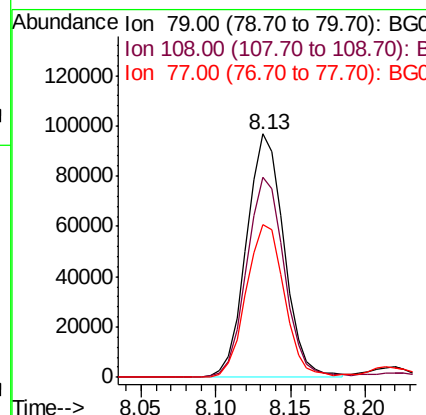
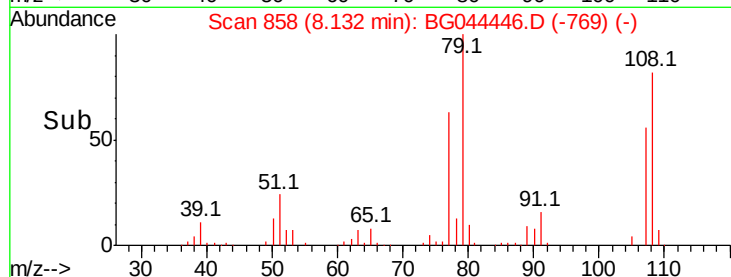
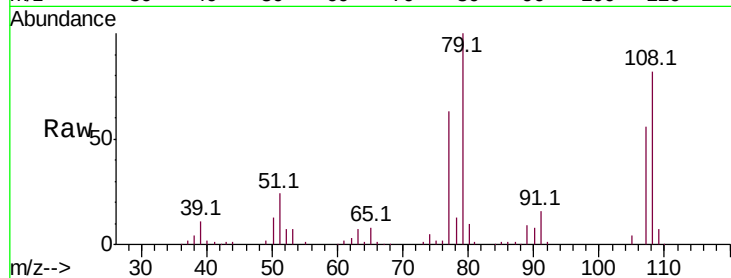
ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion:	79	Resp:	168087
Ion Ratio	Lower	Upper	
79	100		
108	82.1	68.3	102.5
77	62.9	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.781 ng

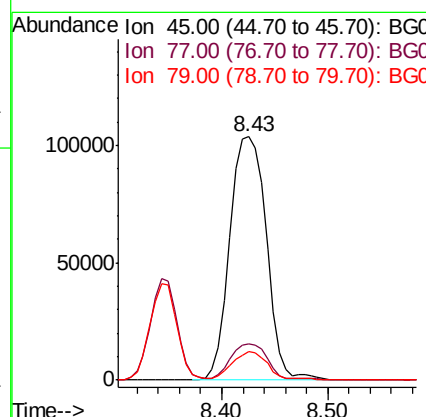
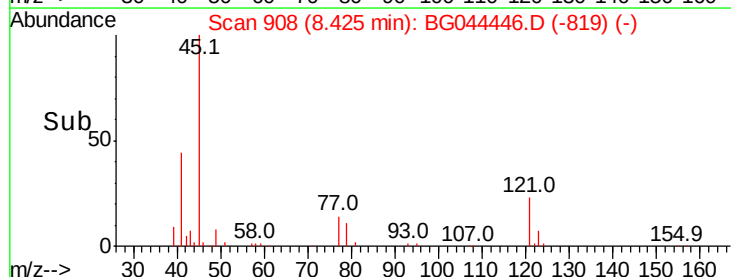
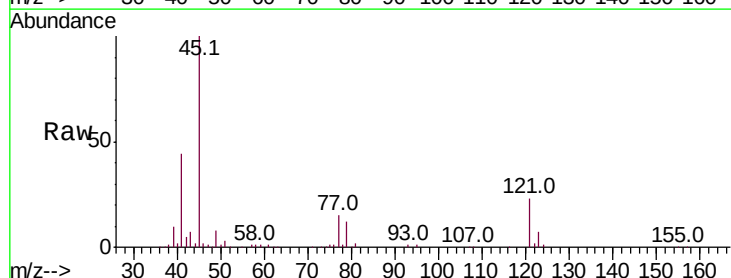
RT: 8.43 min Scan# 908

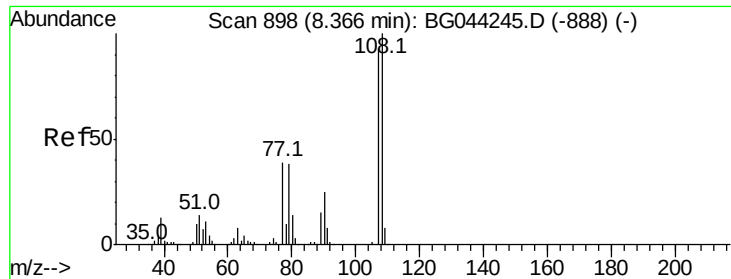
Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion:	45	Resp:	248520
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.2
79	12.0	0.0	31.1





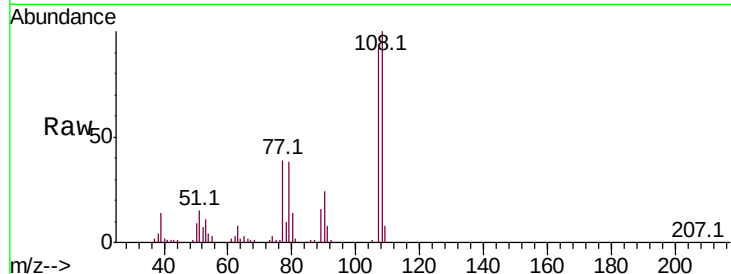
#17
2-Methylphenol
Concen: 52.675 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	86.4	129.6	
77	42.9	34.0	51.0	
79	41.0	32.9	49.3	

Manual Integrations
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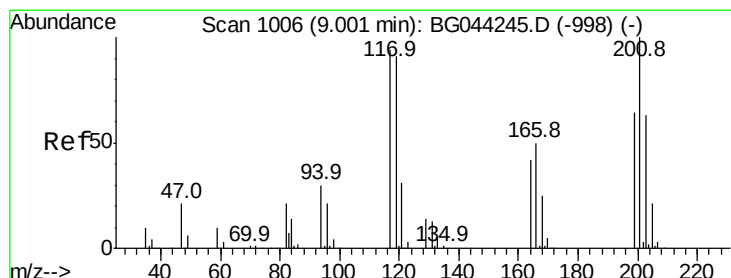
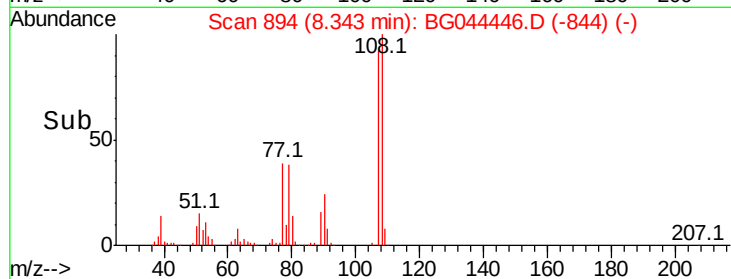
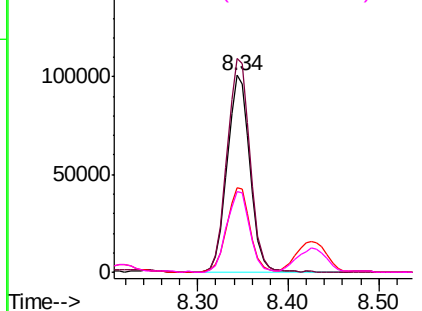
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

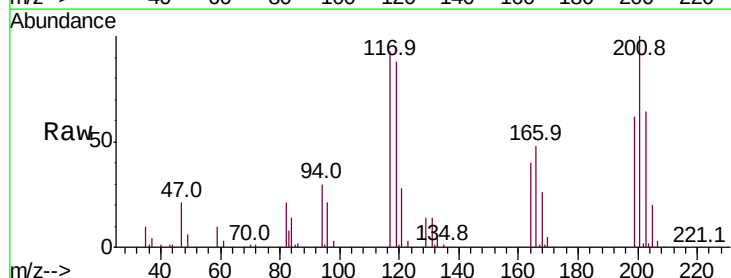
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.545 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	77.5	116.3	
201	107.7	84.9	127.3	

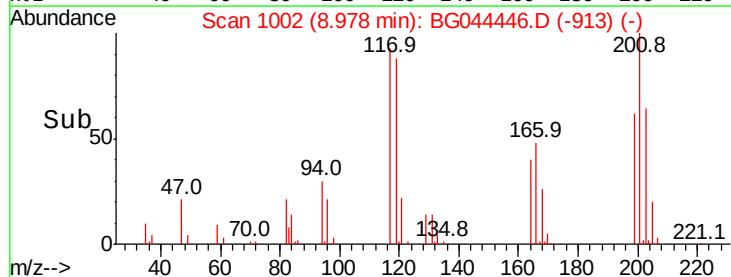
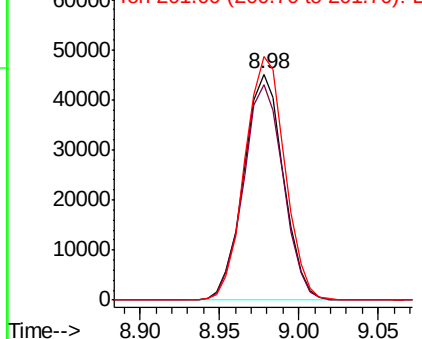


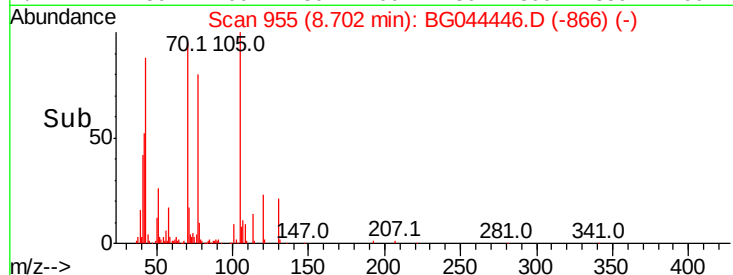
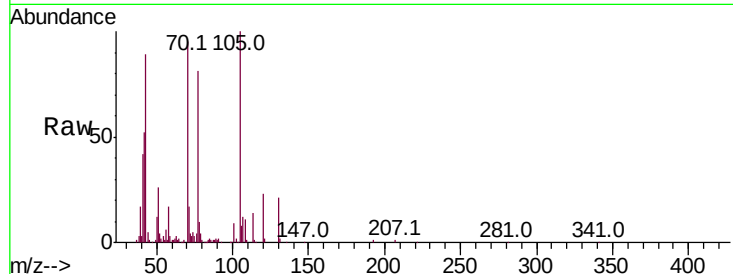
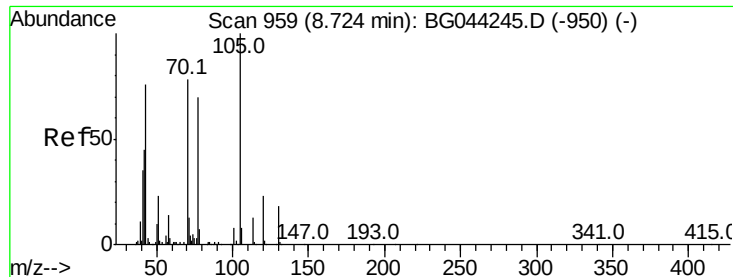
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





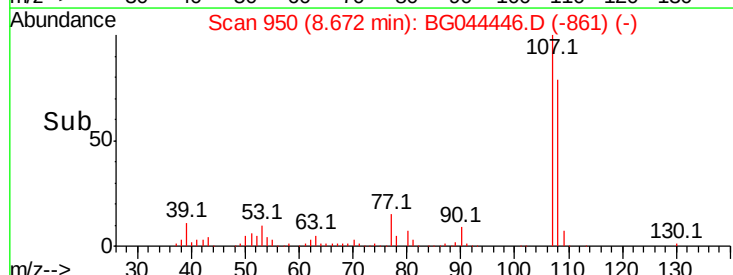
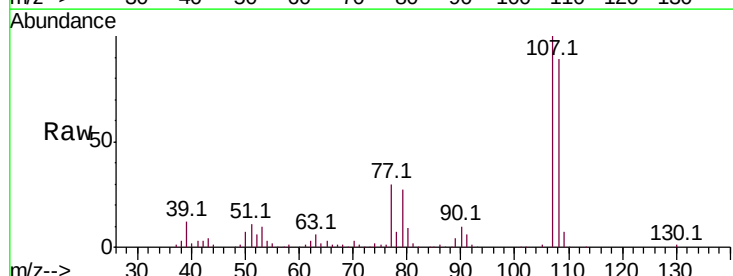
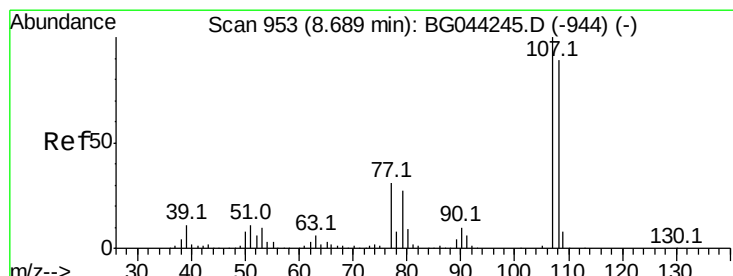
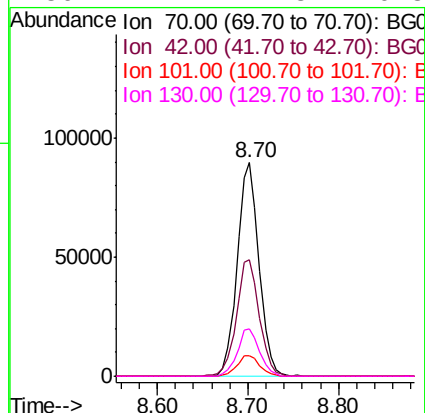
#19
n-Nitroso-di-n-propylamine
Concen: 47.447 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	46.2	69.2	
101	9.8	8.4	12.6	
130	22.4	17.8	26.8	

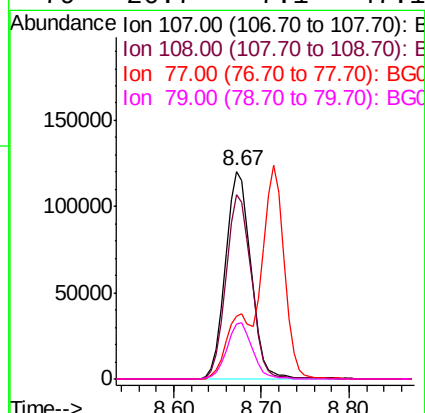
Manual Integrations
APPROVED

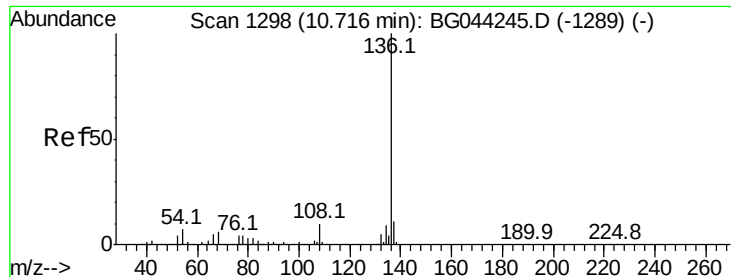
mohammad
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#20
3+4-Methylphenols
Concen: 51.723 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	68.5	108.5	
77	30.3	10.9	50.9	
79	26.7	7.1	47.1	





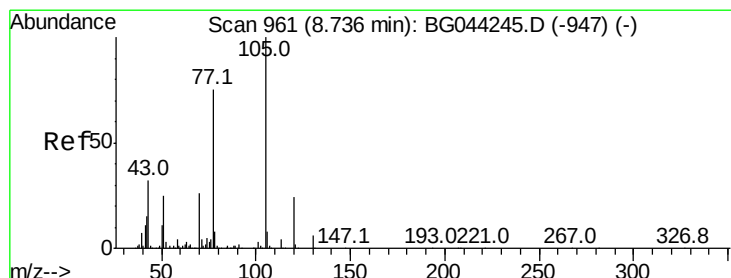
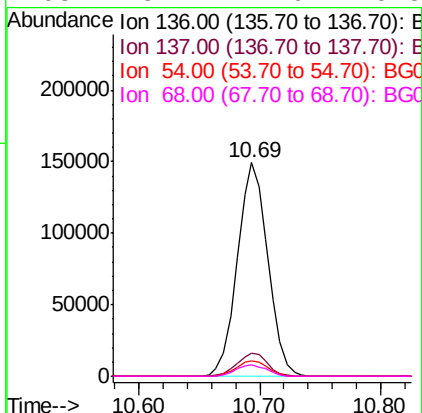
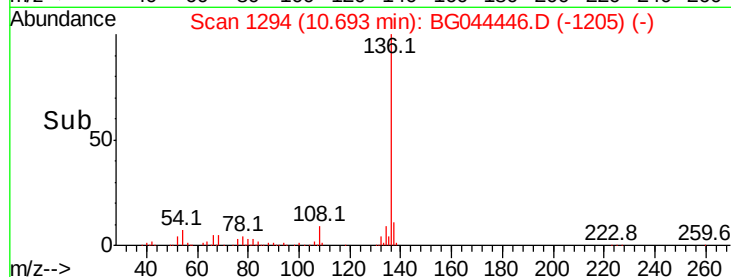
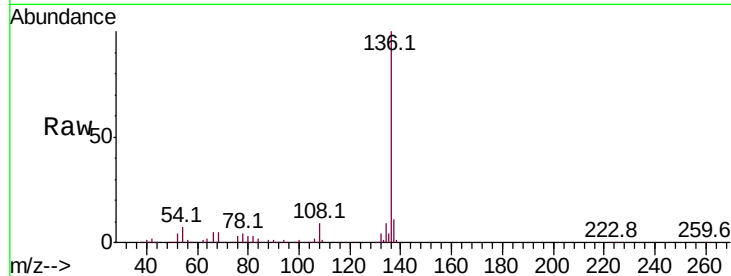
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	261753		
137	11.1	8.8	13.2	
54	7.3	5.8	8.8	
68	5.4	4.6	6.8	

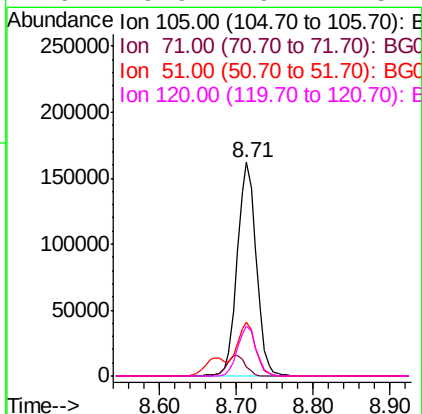
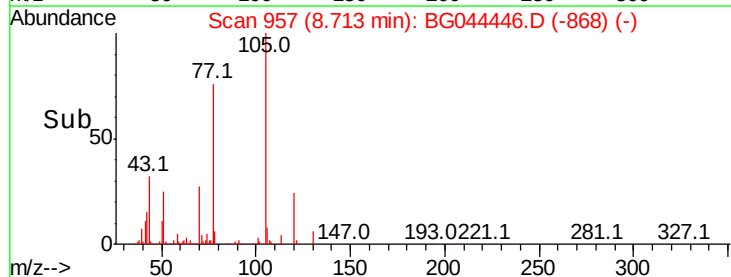
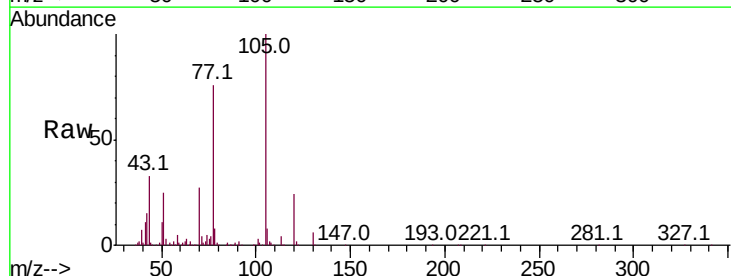
Manual Integrations
APPROVED

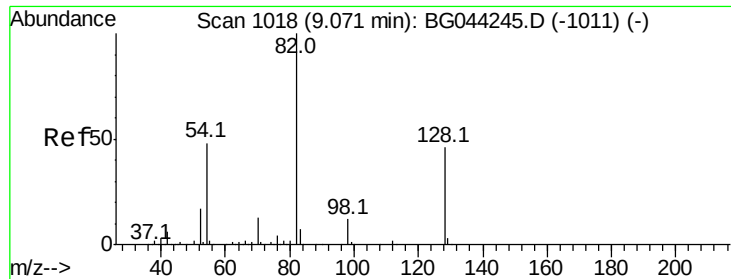
mohammad
2/17/2020 3:48:39 PM



#22
Acetophenone
Concen: 44.241 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281708		
71	4.5	3.4	5.0	
51	25.0	20.2	30.4	
120	23.6	19.1	28.7	





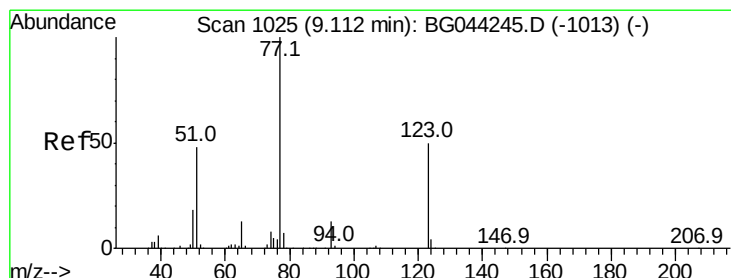
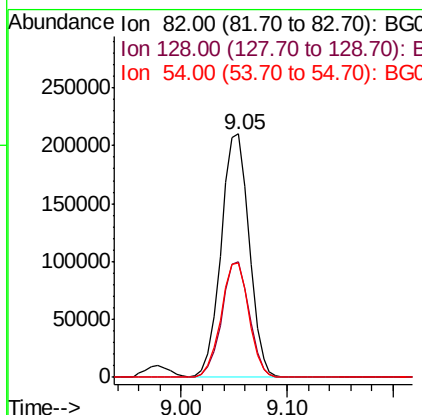
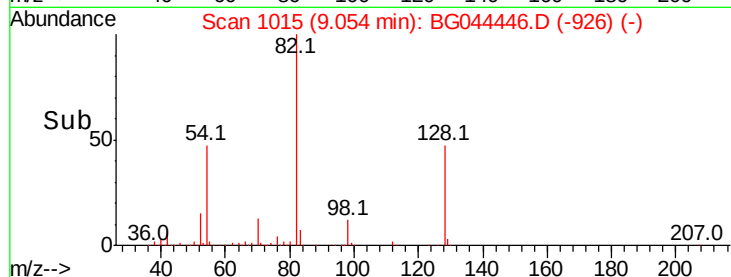
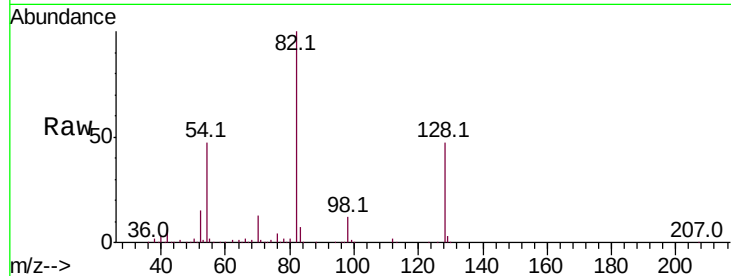
#23
Nitrobenzene-d5
Concen: 83.617 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.5	54.7
54	47.0	38.6	58.0

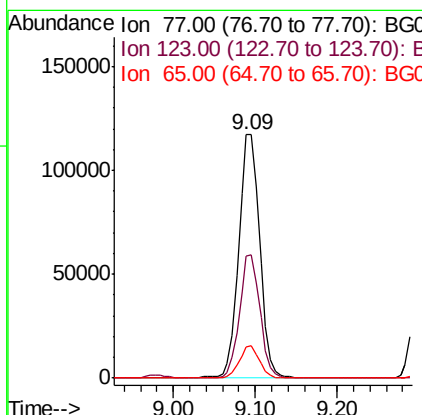
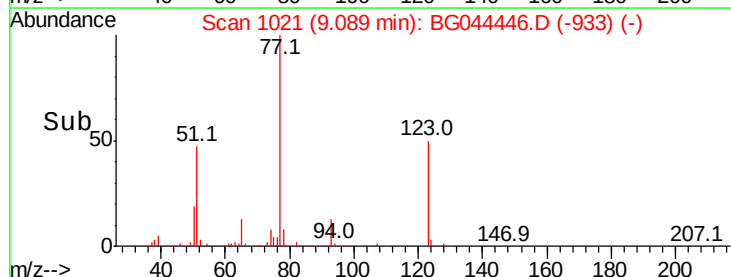
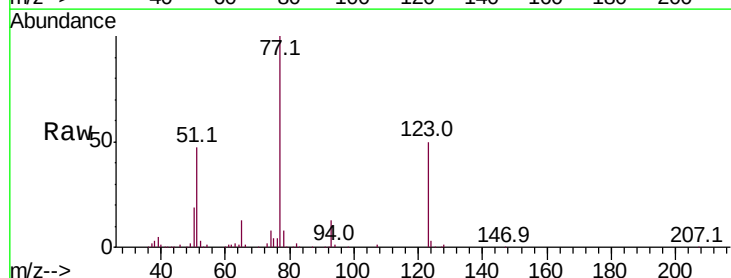
Manual Integrations
APPROVED

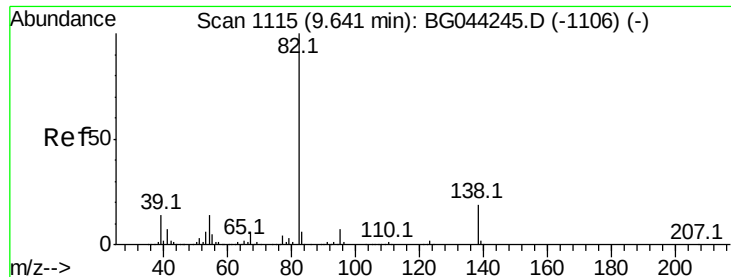
mohammad
2/17/2020 3:48:39 PM



#24
Nitrobenzene
Concen: 46.488 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	39.9	59.9
65	12.9	10.4	15.6





#25

Isophorone

Concen: 47.850 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

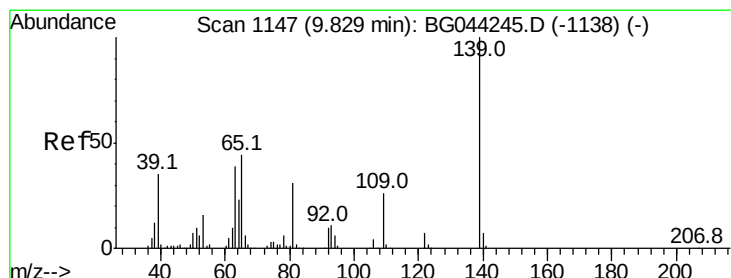
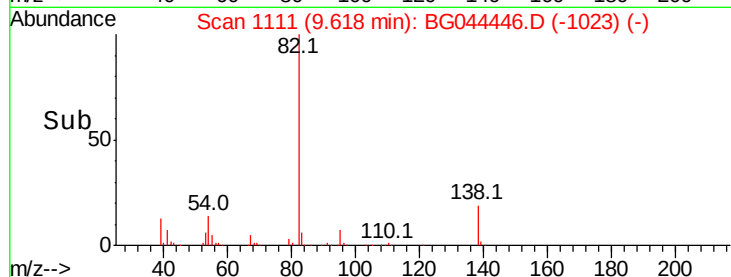
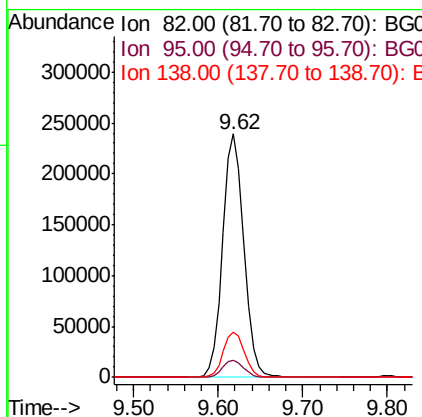
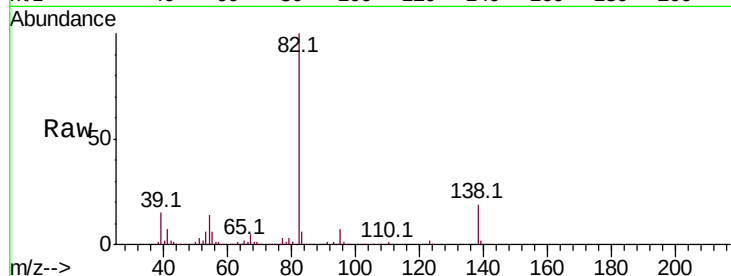
ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion:	82	Resp:	413505
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	18.6	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.955 ng

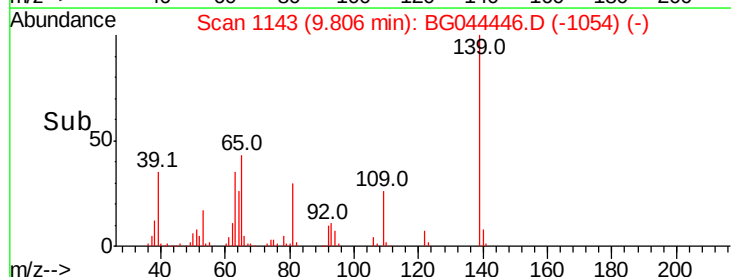
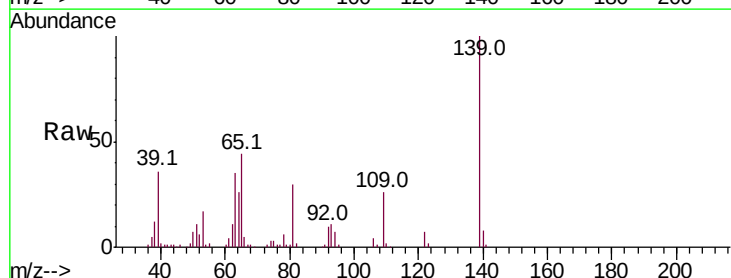
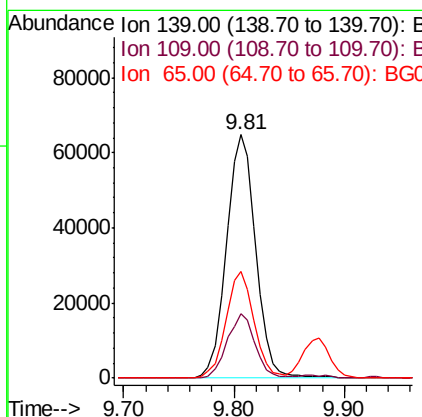
RT: 9.81 min Scan# 1143

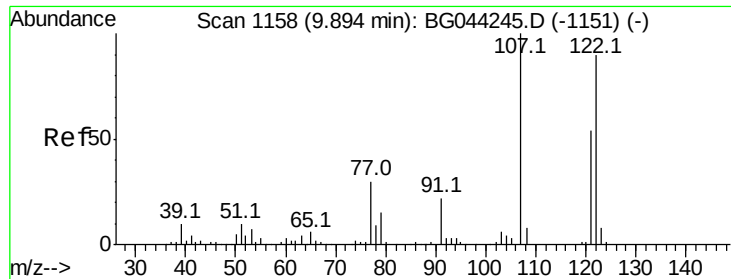
Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion:	139	Resp:	119675
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.0	31.4
65	44.0	35.0	52.4





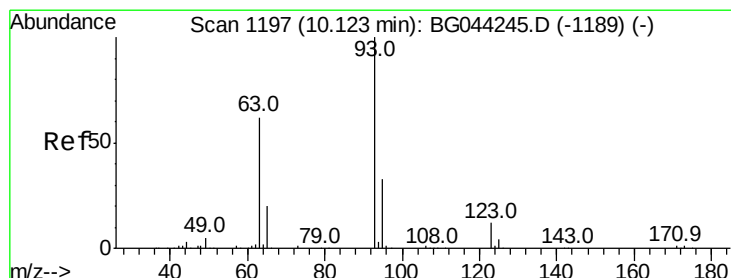
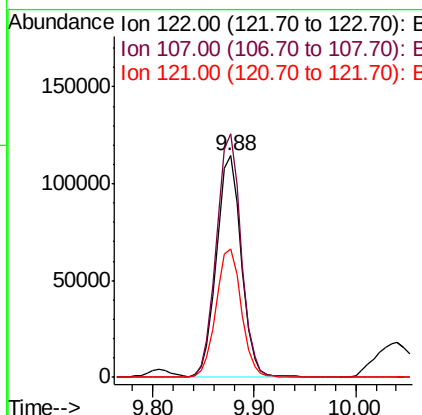
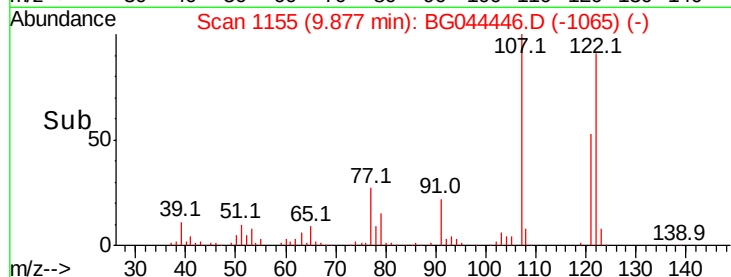
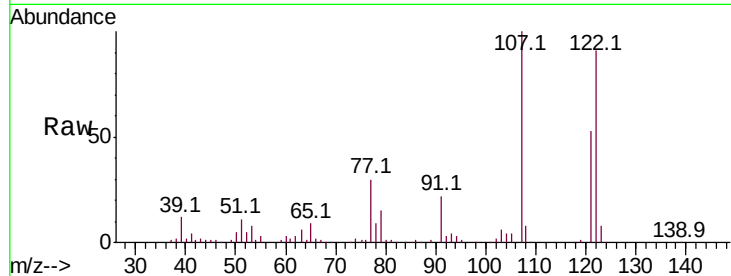
#27
 2,4-Dimethylphenol
 Concen: 58.502 ng
 RT: 9.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion:	122	Resp:	193953
Ion Ratio	Lower	Upper	
122	100		
107	109.8	88.8	133.2
121	58.0	48.3	72.5

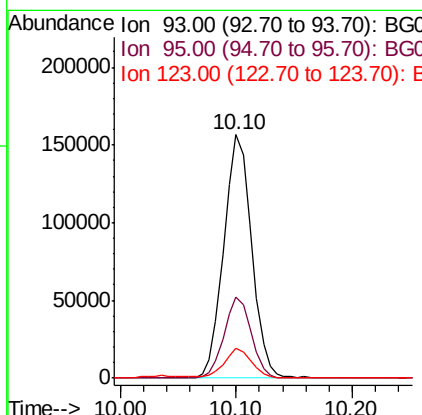
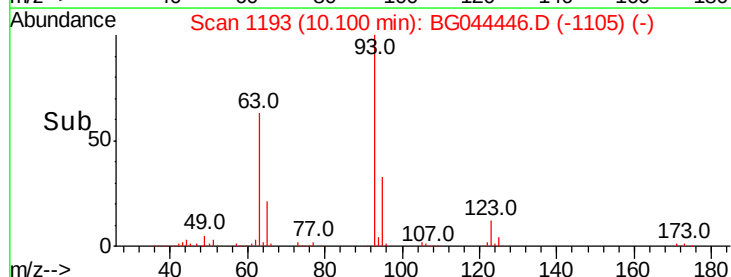
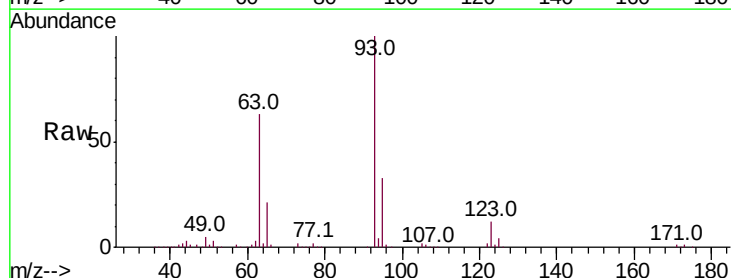
Manual Integrations
 APPROVED

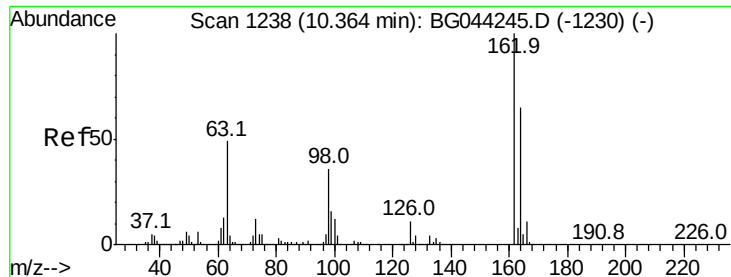
mohammad
 2/17/2020 3:48:39 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.477 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion:	93	Resp:	262166
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.6	40.0
123	12.2	10.0	15.0





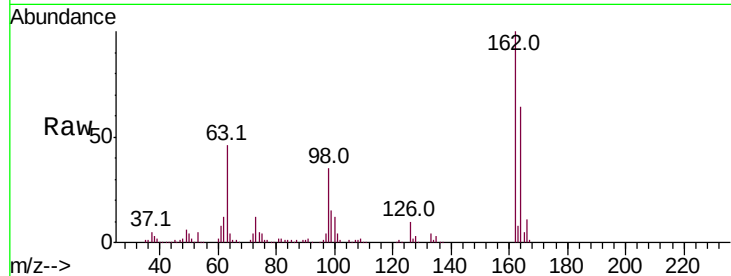
#29
2,4-Dichlorophenol
Concen: 50.750 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	203447		
164	64.2		44.7	84.7
98	35.0		15.8	55.8

Manual Integrations
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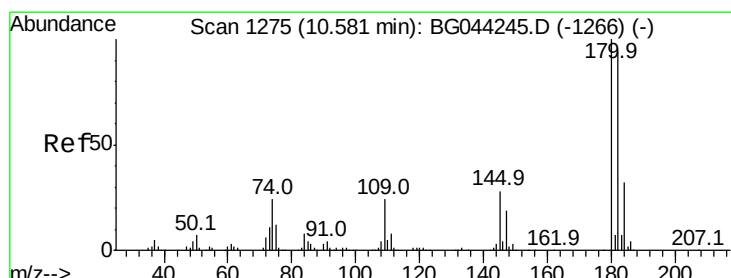
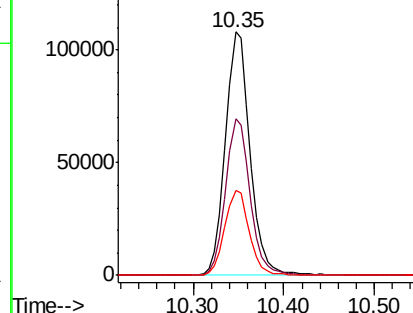
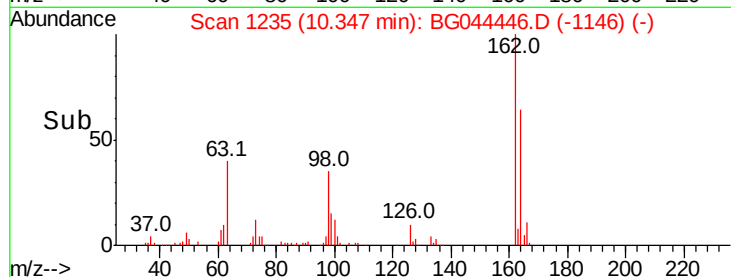


Abundance

Ion 162.00 (161.70 to 162.70): E

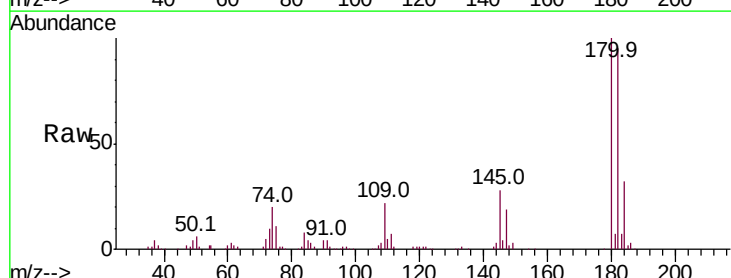
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 45.233 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	207922		
182	95.3		75.5	113.3
145	27.6		22.6	34.0

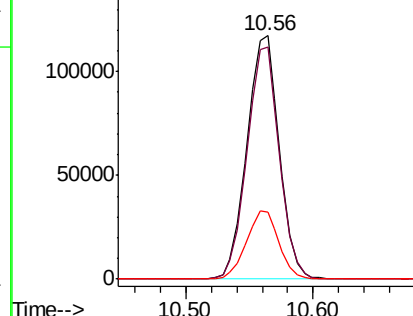
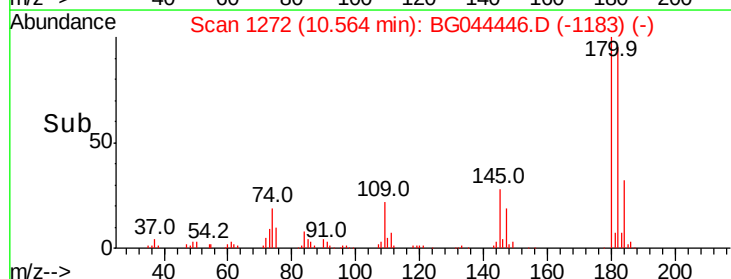


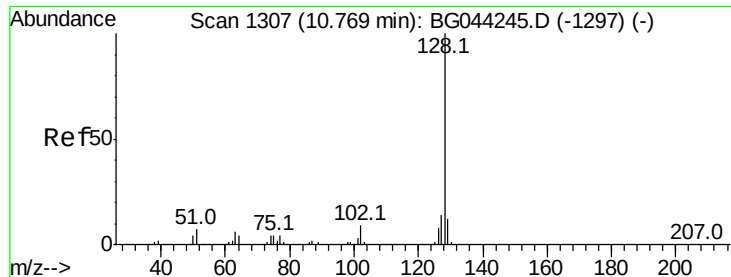
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





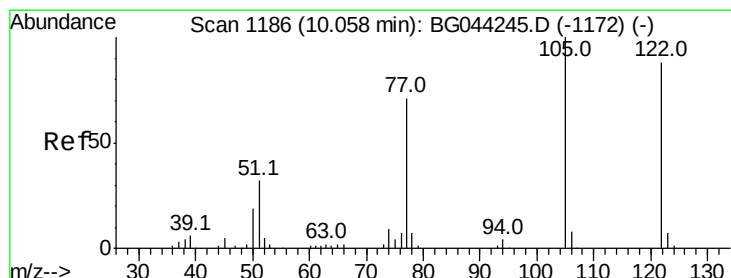
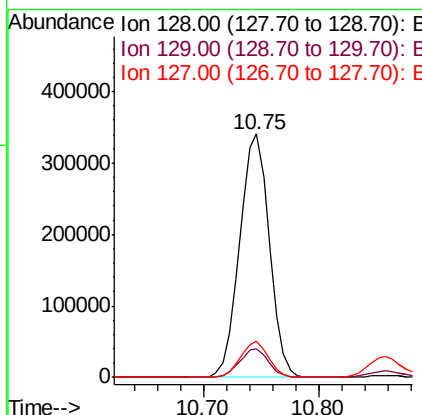
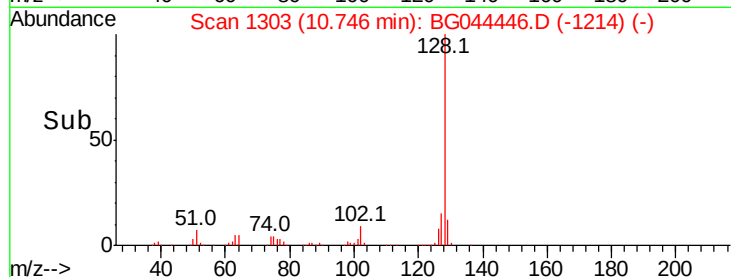
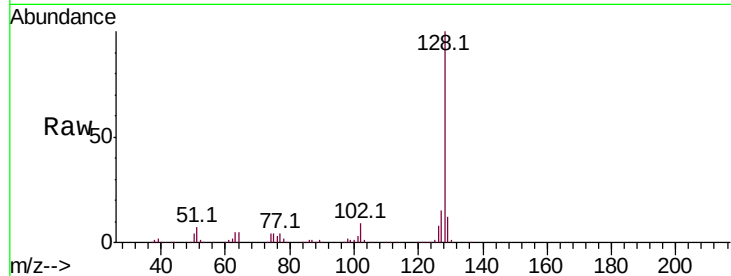
#31
Naphthalene
Concen: 47.804 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.7	11.6	17.4

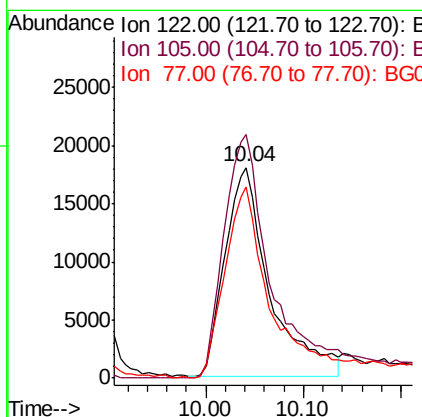
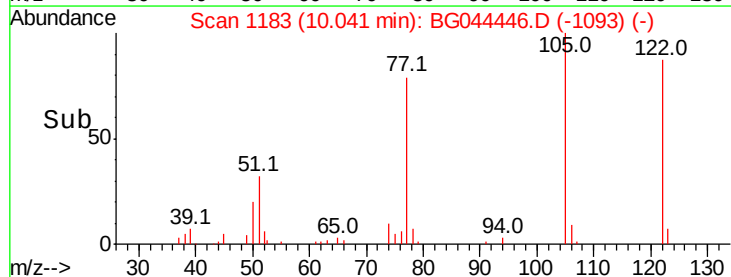
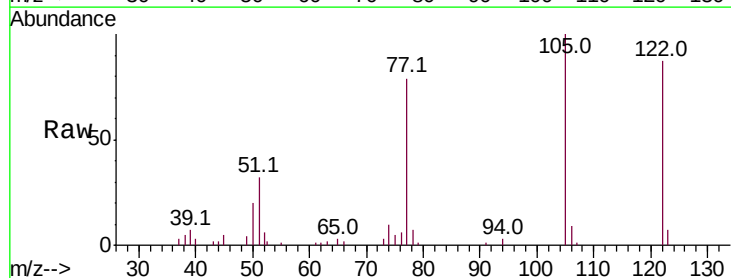
Manual Integrations
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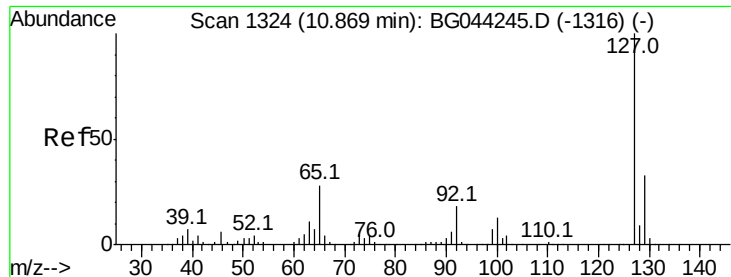
mohammad
2/17/2020 3:48:39 PM



#32
Benzoic acid
Concen: 32.652 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.5	93.5	133.5
77	91.0	61.0	101.0





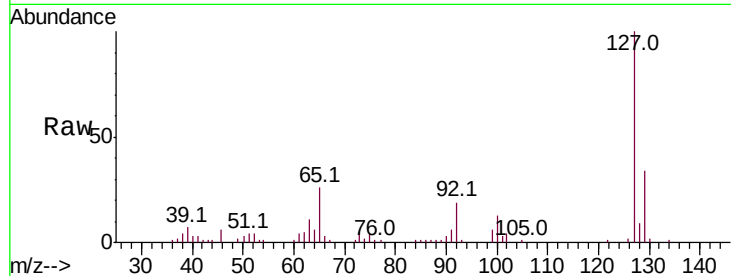
#33
4-Chloroaniline
Concen: 10.980 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.6	40.0
65	26.4	22.5	33.7
92	18.5	14.1	21.1

Manual Integrations
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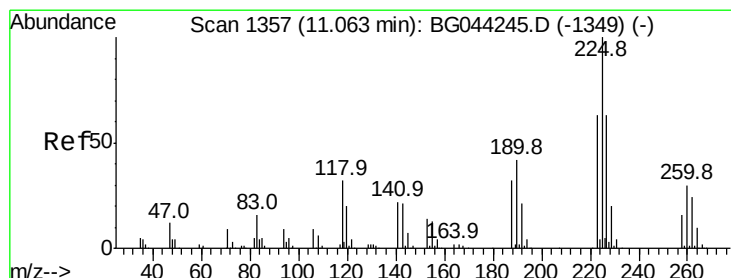
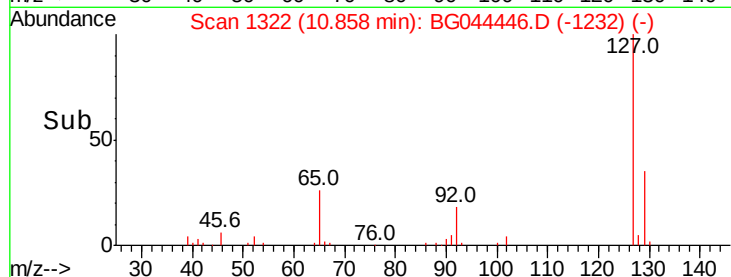
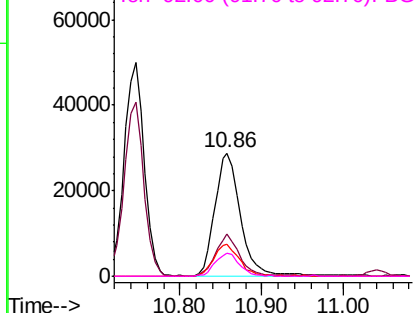
Abundance

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): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.609 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

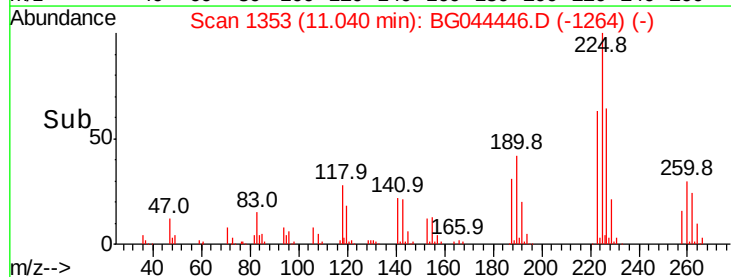
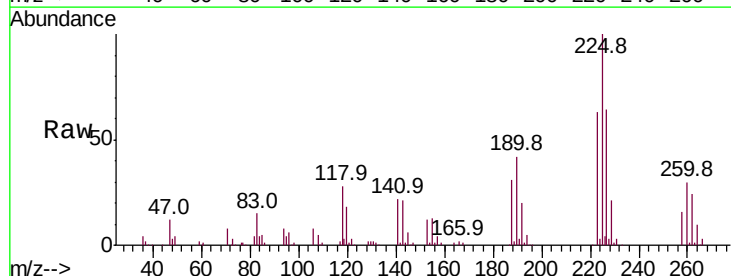
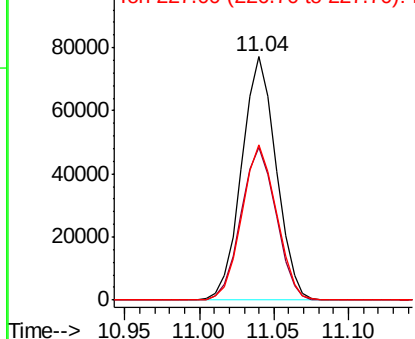
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.4
227	63.9	50.8	76.2

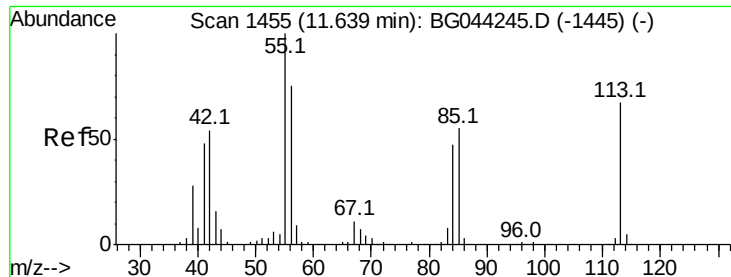
Abundance

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





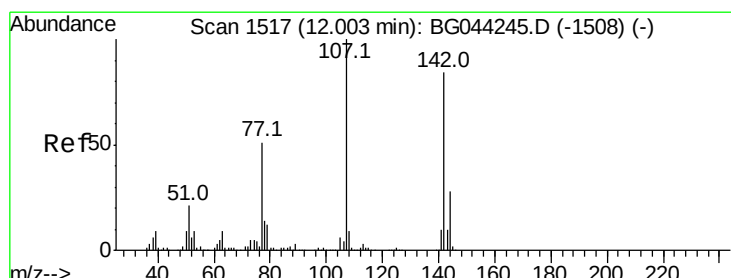
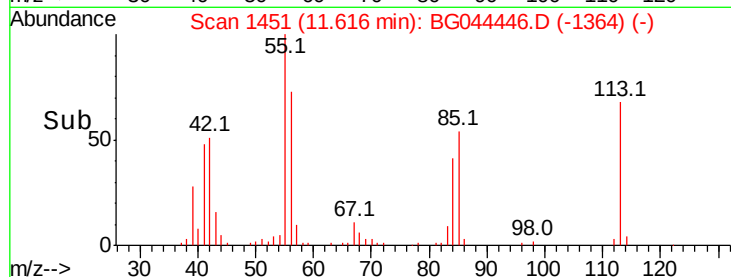
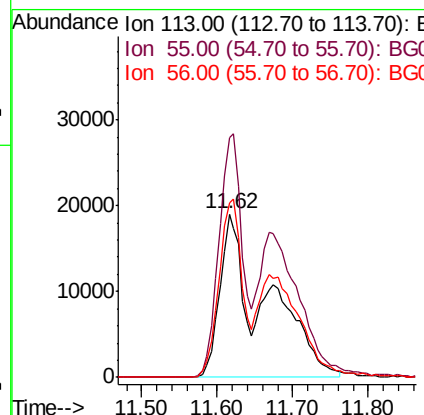
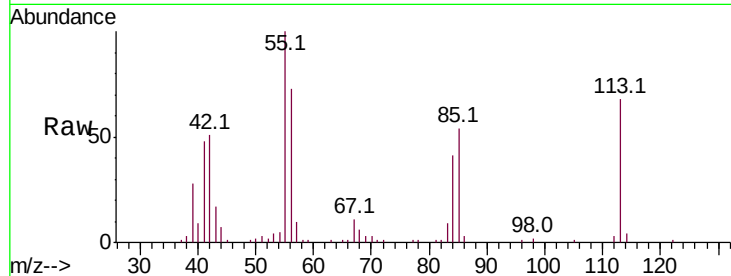
#35
 Caprolactam
 Concen: 53.068 ng/ml
 RT: 11.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.8	129.9	169.9
56	106.5	92.5	132.5

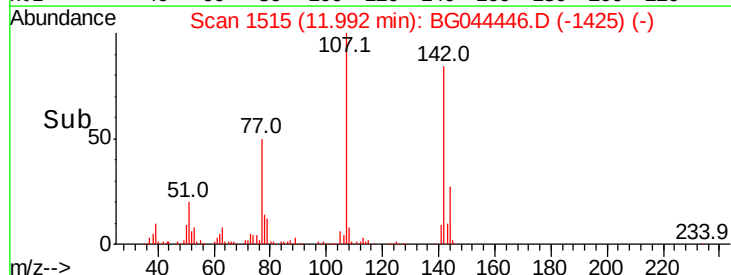
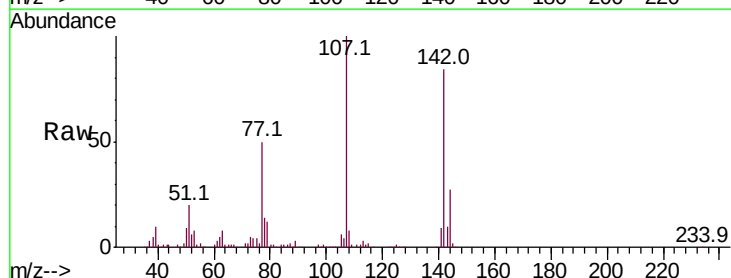
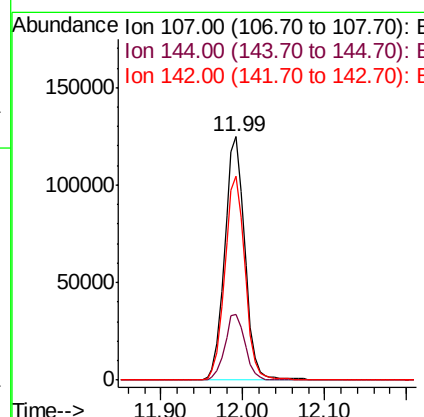
Manual Integrations
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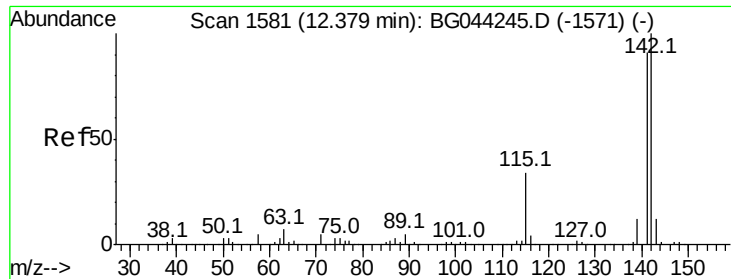
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 51.107 ng
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	22.2	33.4
142	83.6	67.4	101.0





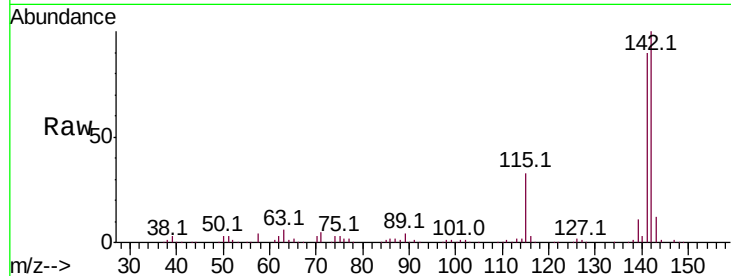
#37
2-Methylnaphthalene
Concen: 48.129 ng
RT: 12.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.2	109.8
115	33.4	27.1	40.7

Manual Integrations
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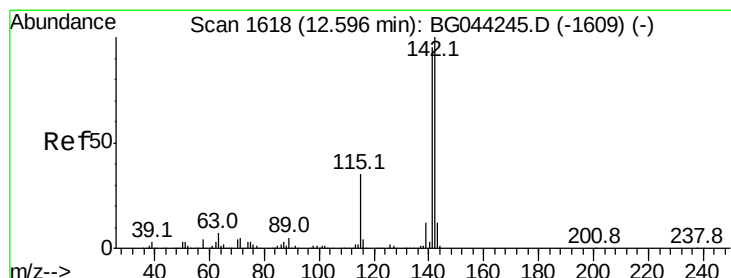
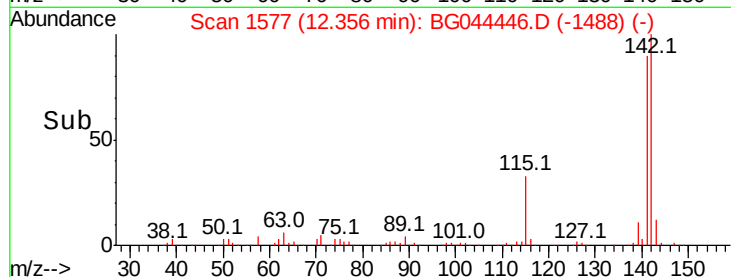
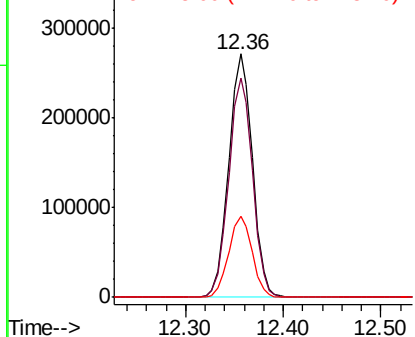


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.451 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

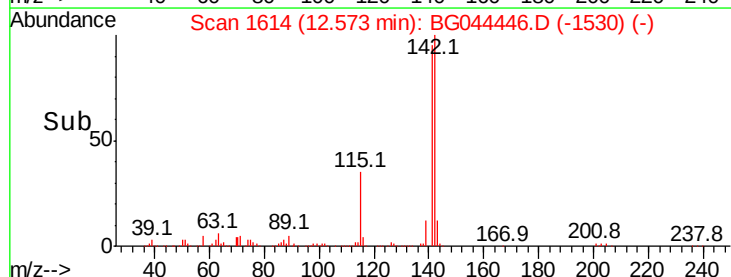
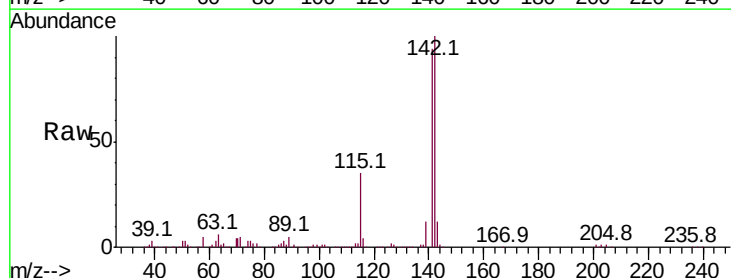
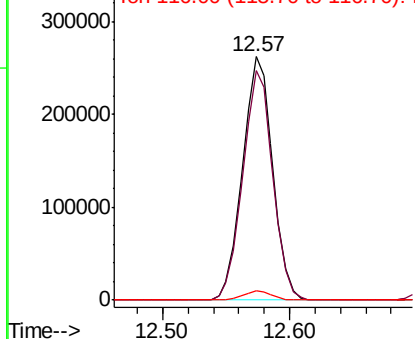
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.8	113.6
116	3.8	3.1	4.7

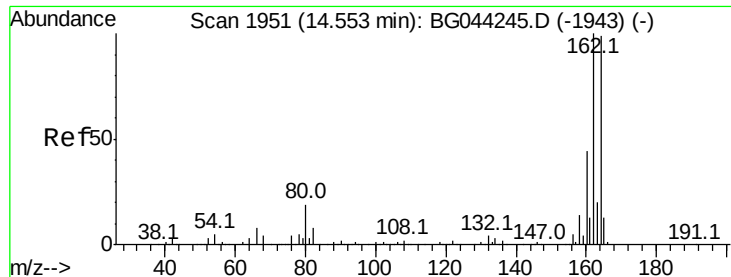
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





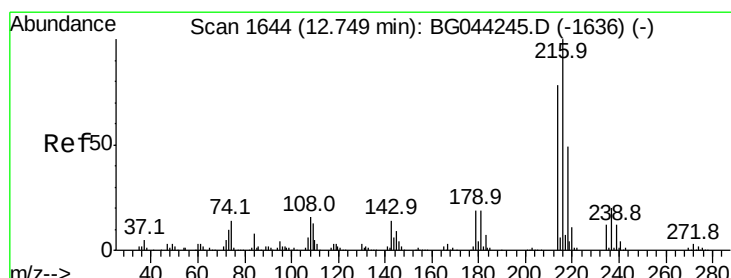
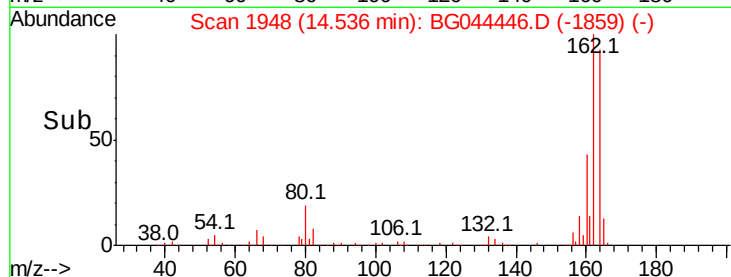
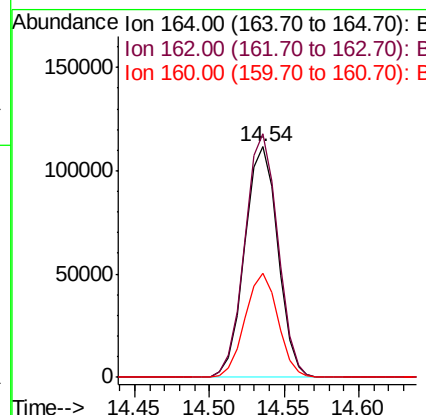
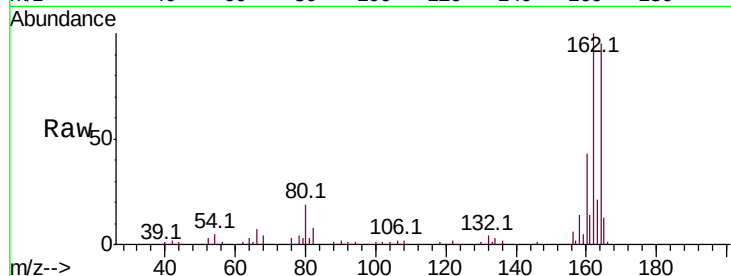
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	80.7	121.1
160	45.0	35.3	52.9

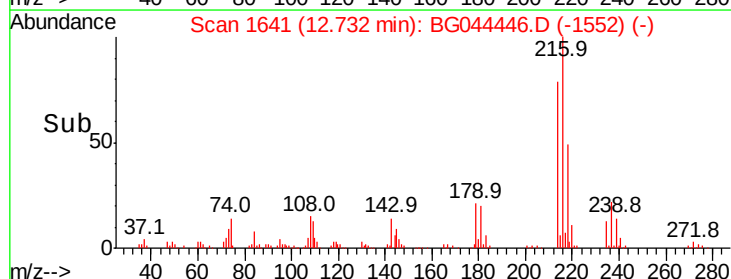
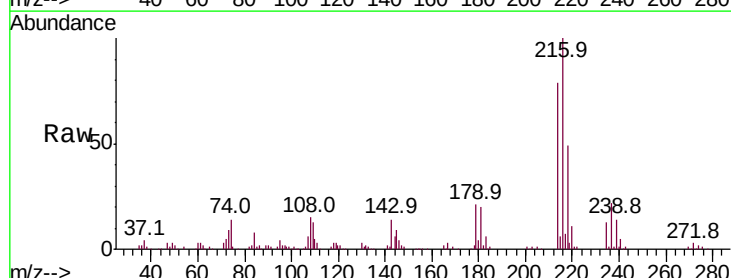
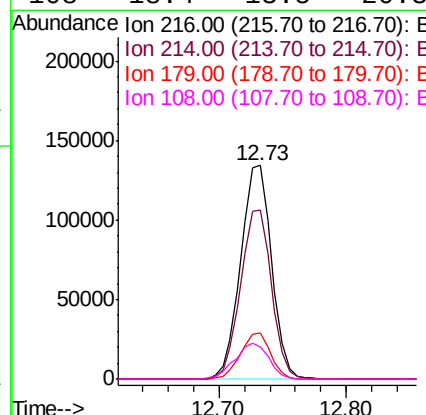
Manual Integrations
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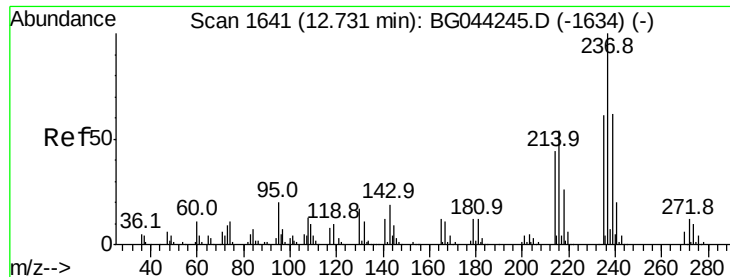
mohammad
2/17/2020 3:48:39 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.955 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	20.8	16.2	24.4
108	18.4	13.5	20.3





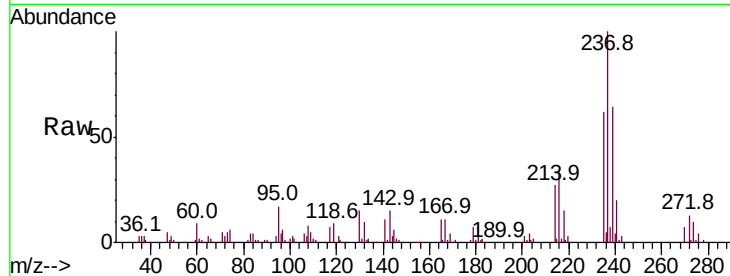
#41
Hexachlorocyclopentadiene
Concen: 103.562 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

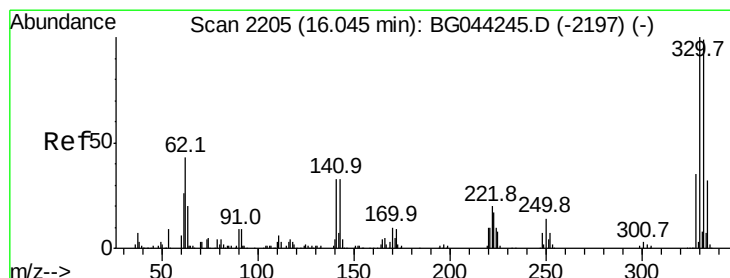
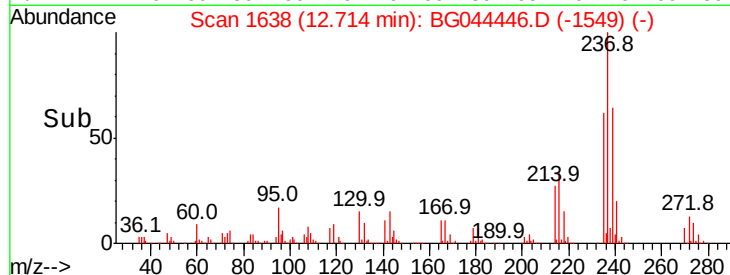
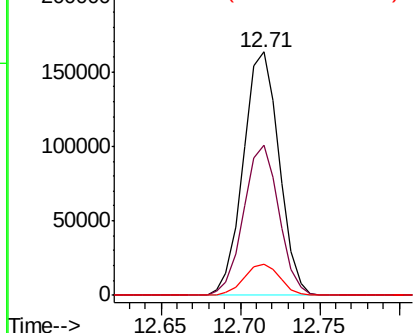
Tot Ion	Ratio	Resp	Lower	Upper
237	100	256042		
235	61.8	41.2	81.2	
272	12.9	0.0	32.4	

Manual Integrations
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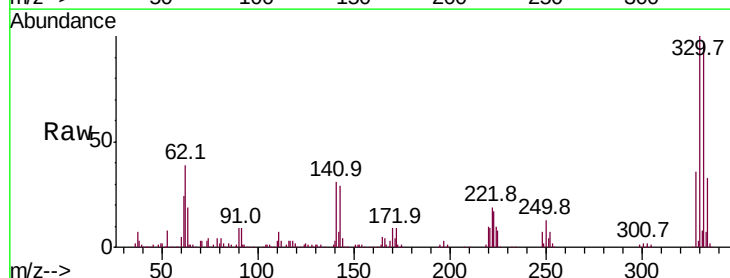


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

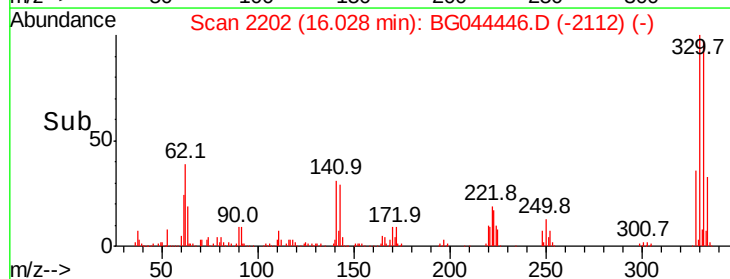
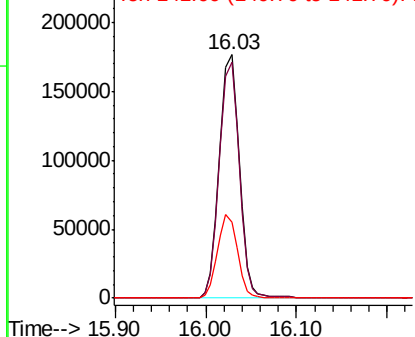


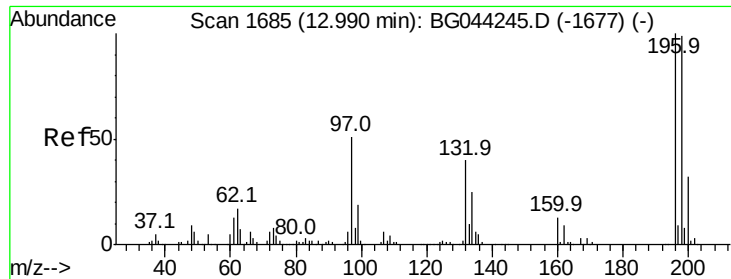
#42
2,4,6-Tribromophenol
Concen: 135.605 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	274210		
332	96.6	77.2	115.8	
141	34.0	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





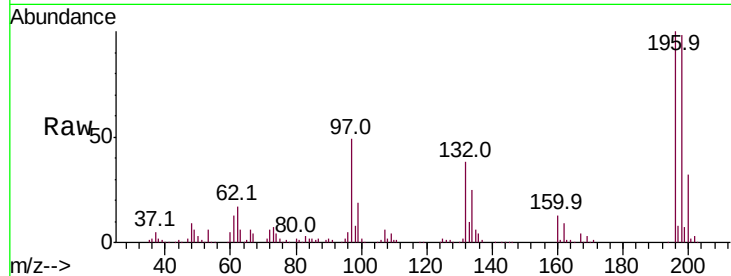
#43
 2,4,6-Trichlorophenol
 Concen: 49.052 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion:	196	Resp:	163367
Ion Ratio	Lower	Upper	
196	100		
198	98.0	79.3	118.9
200	32.4	25.7	38.5

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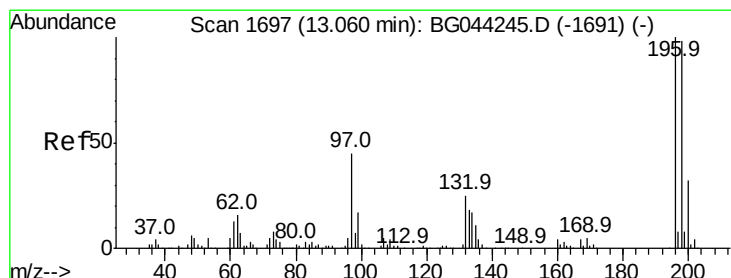
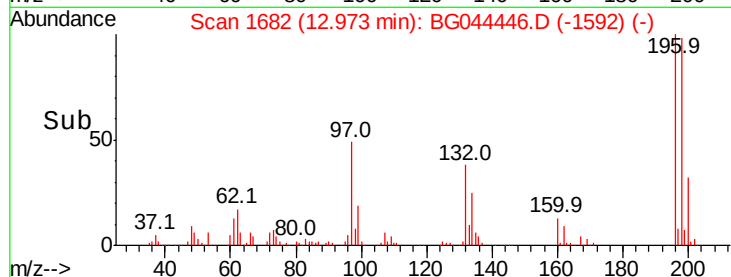
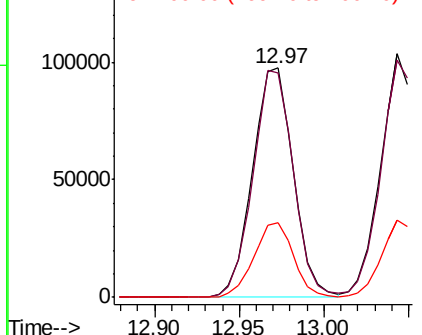


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 51.373 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion:	196	Resp:	174758
Ion Ratio	Lower	Upper	
196	100		
198	97.2	78.2	117.2
97	44.8	36.2	54.4
132	25.9	20.2	30.4

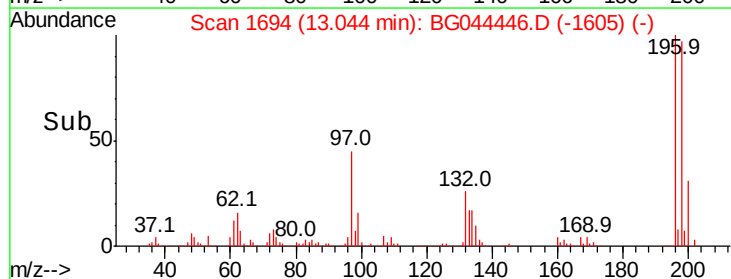
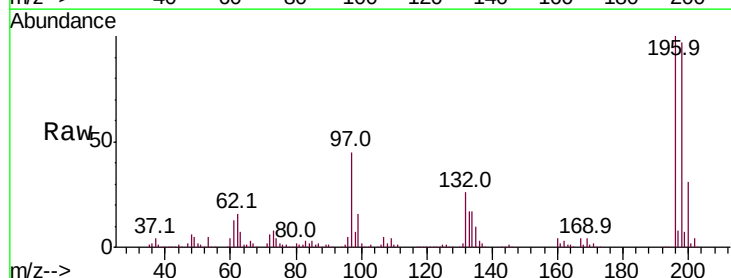
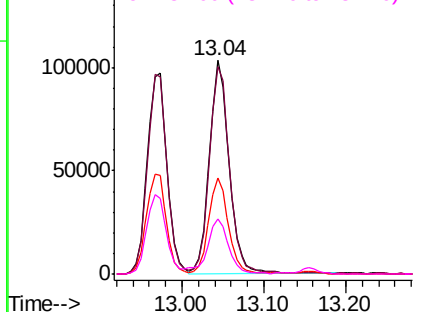
Abundance

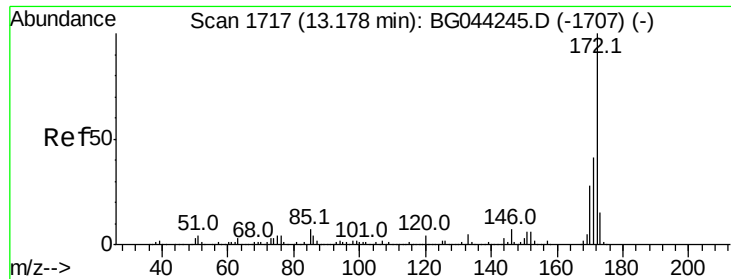
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





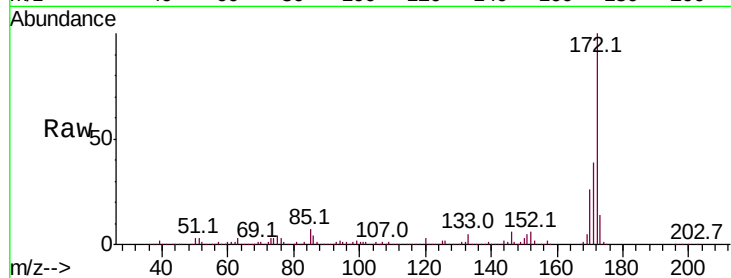
#45
2-Fluorobiphenyl
Concen: 85.701 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

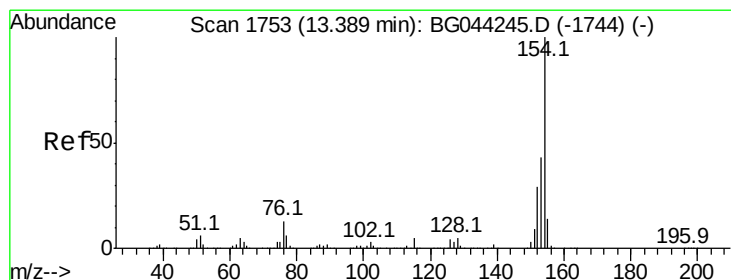
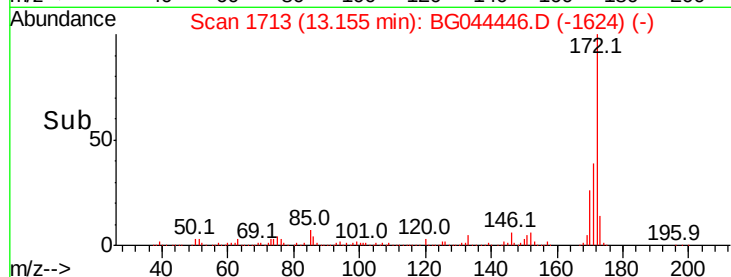
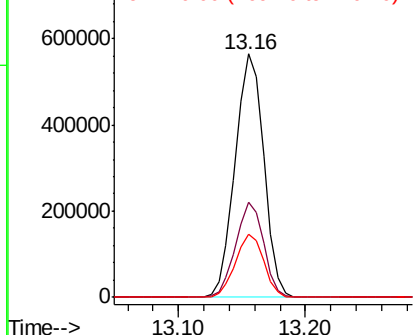
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	25.7	22.0	33.0

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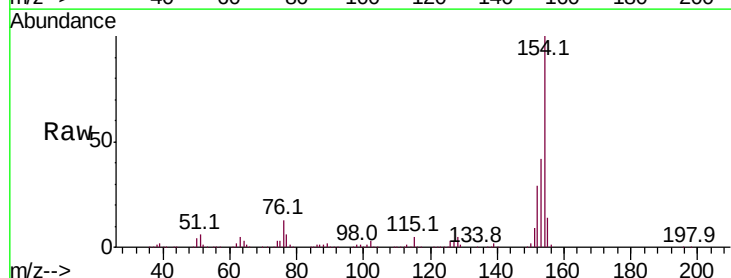


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

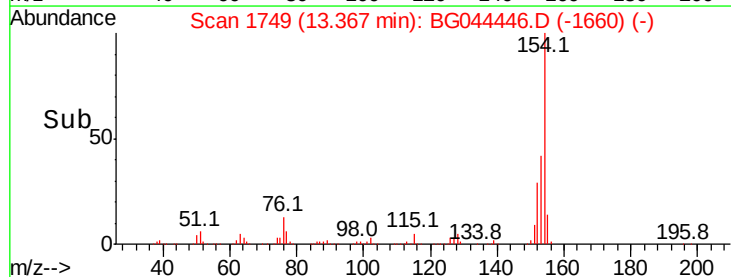
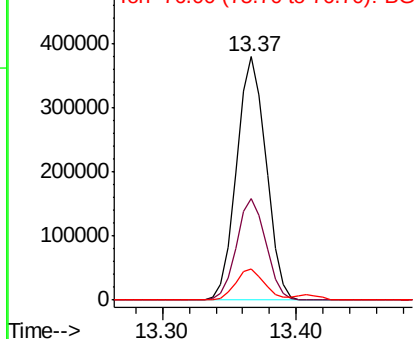


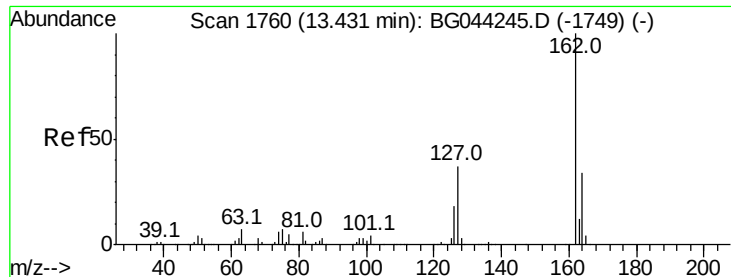
#46
1,1'-Biphenyl
Concen: 46.619 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.7	62.7
76	12.6	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





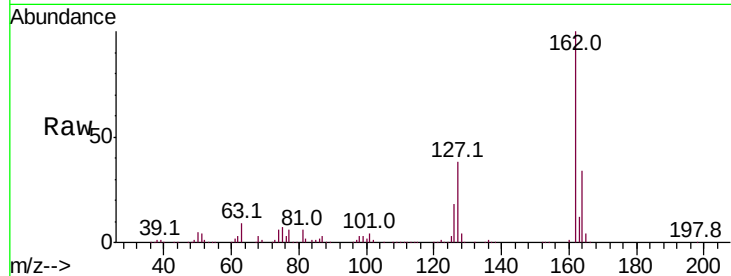
#47
 2-Chloronaphthalene
 Concen: 45.682 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

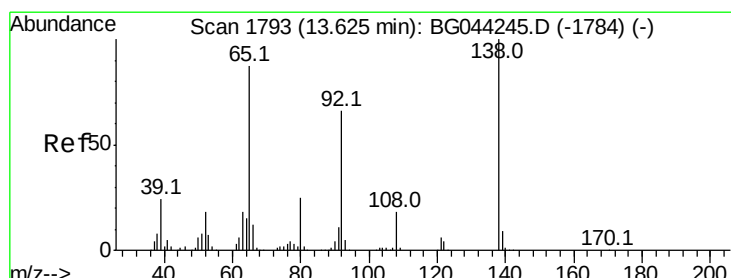
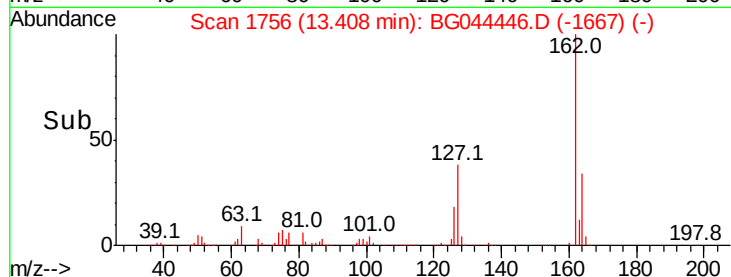
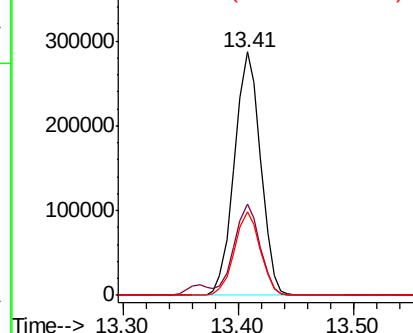
Tot Ion	Ratio	Resp	Lower	Upper
162	100	451651		
127	37.5	30.0	45.0	
164	34.2	27.2	40.8	

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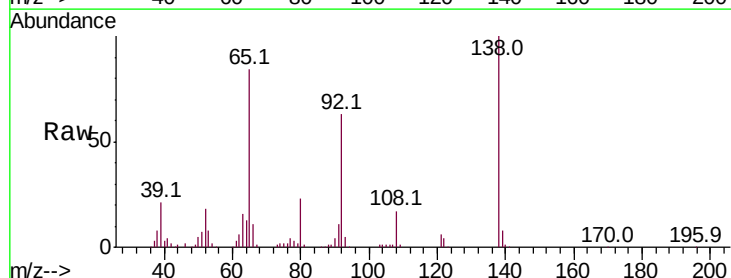


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

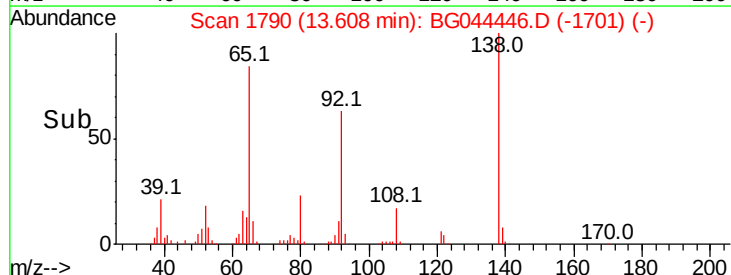
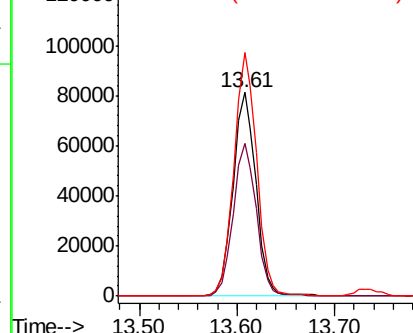


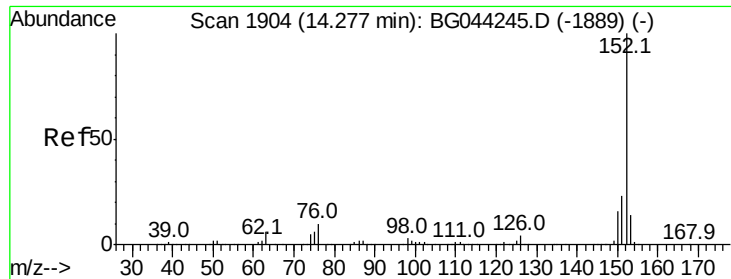
#48
 2-Nitroaniline
 Concen: 45.499 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	132756		
92	75.3	60.3	90.5	
138	119.7	91.9	137.9	



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





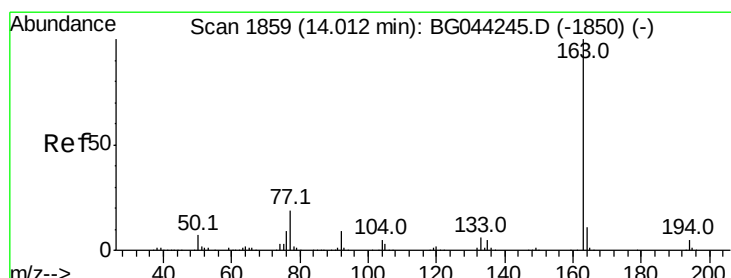
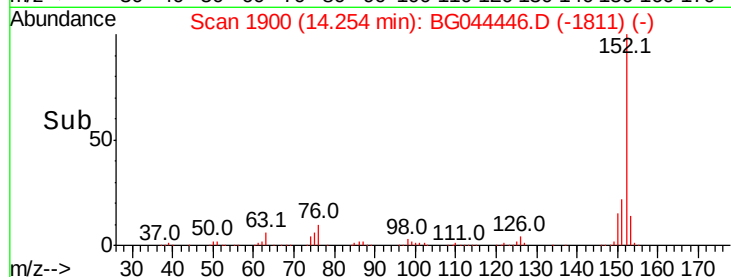
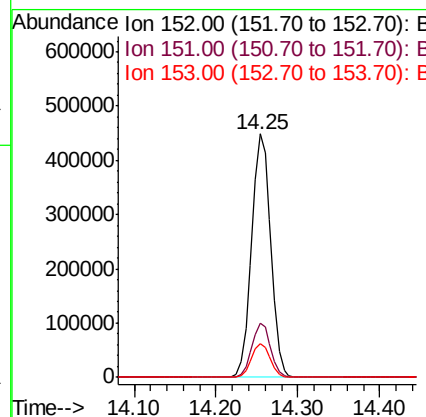
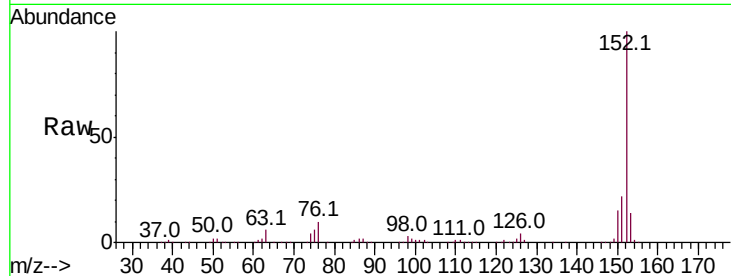
#49
Acenaphthylene
Concen: 50.126 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.1	27.1
153	14.0	11.5	17.3

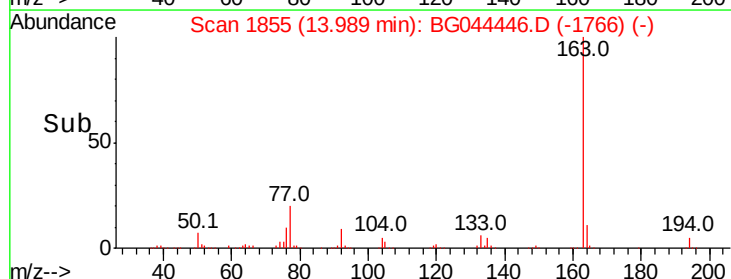
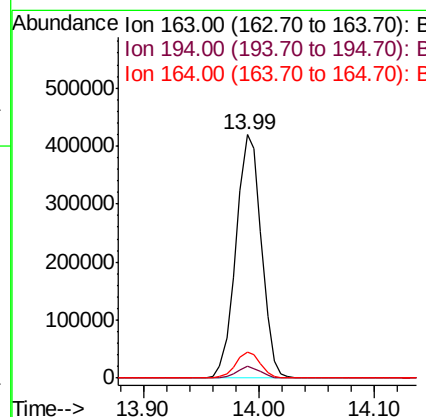
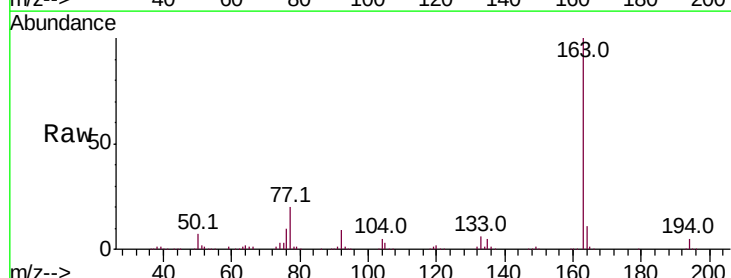
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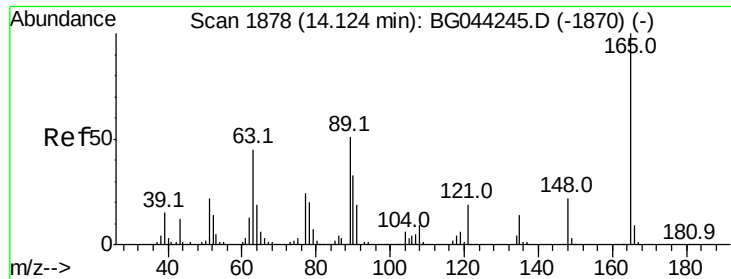
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#50
Dimethylphthalate
Concen: 51.323 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.9	8.7	13.1





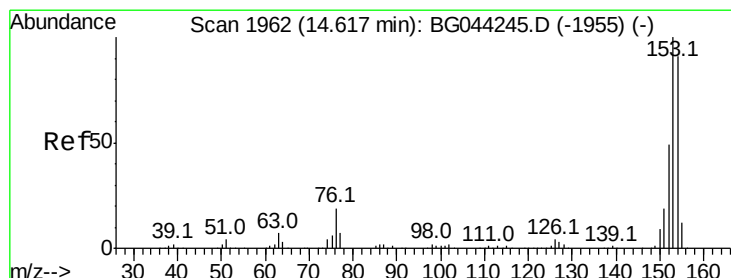
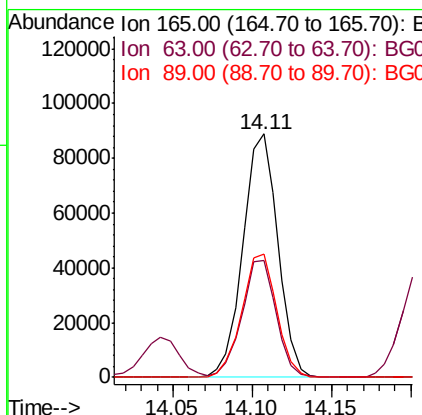
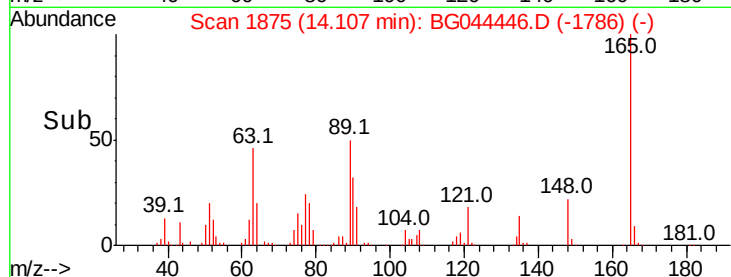
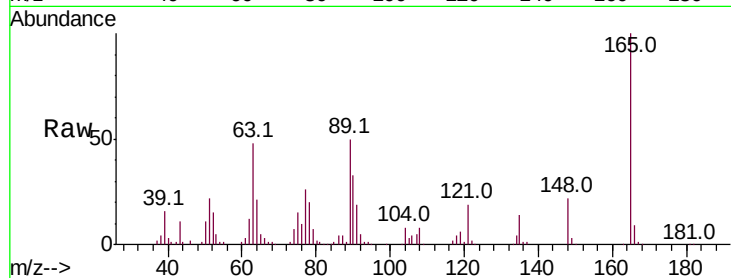
#51
 2,6-Dinitrotoluene
 Concen: 49.163 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

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

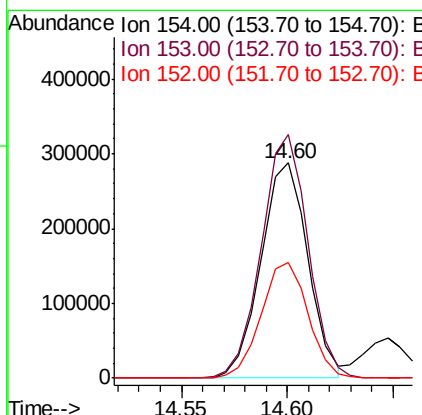
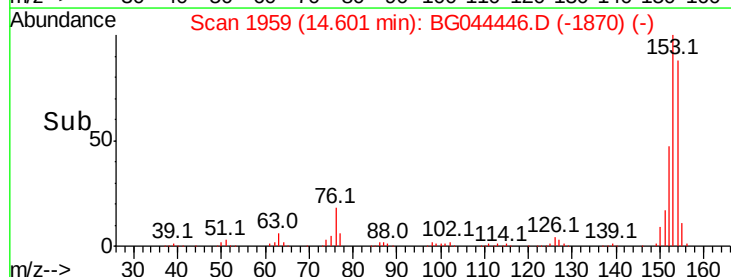
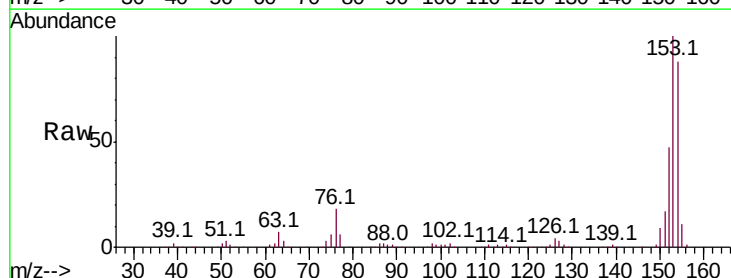
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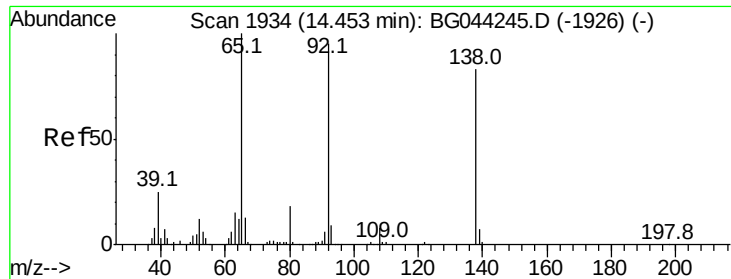
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#52
 Acenaphthene
 Concen: 47.344 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	87.9	131.9
152	53.5	43.1	64.7





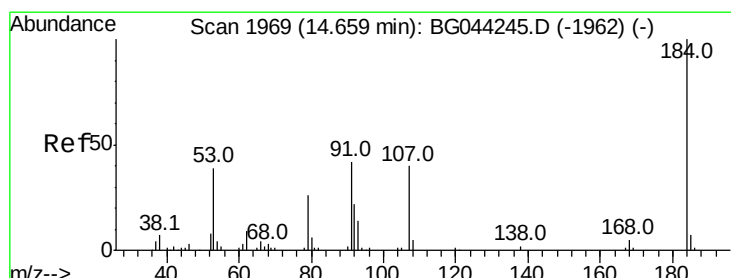
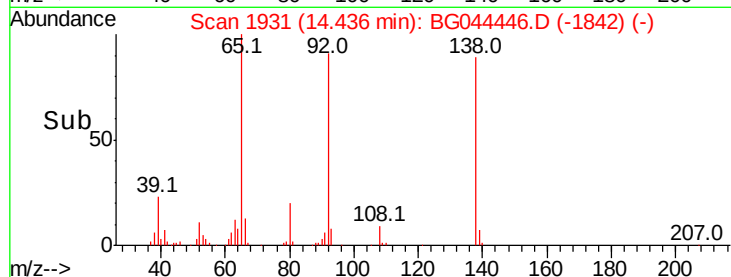
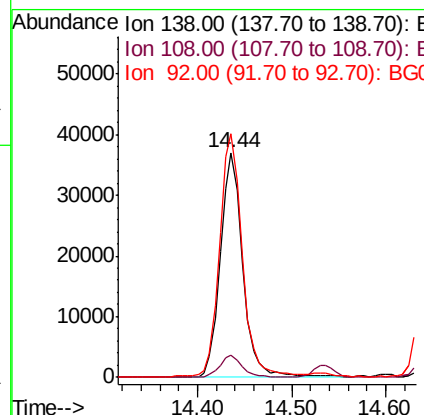
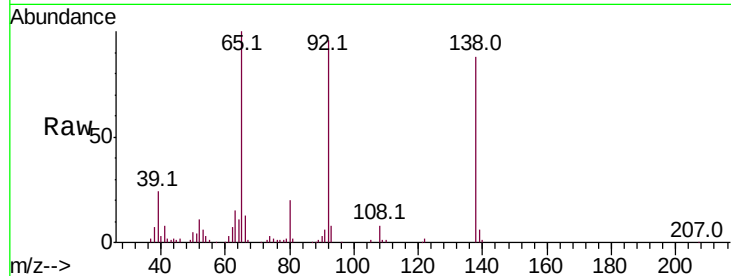
#53
3-Nitroaniline
Concen: 20.283 ng
RT: 14.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:138 Resp: 61951
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 108.4 91.0 136.4

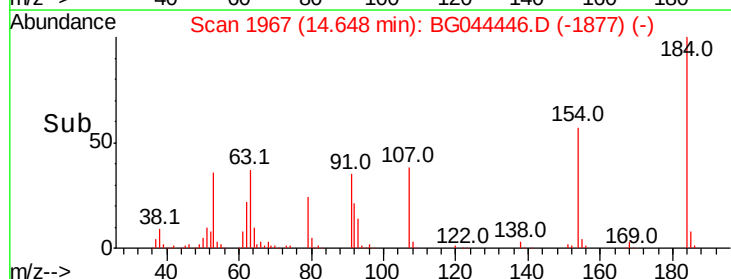
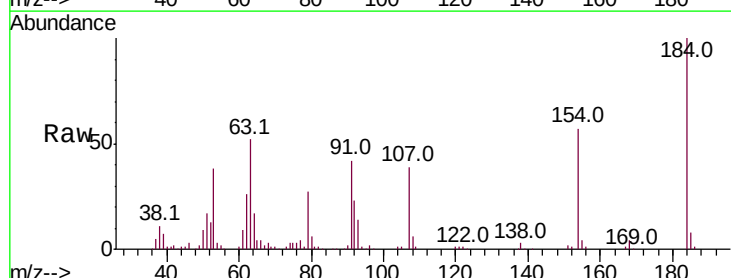
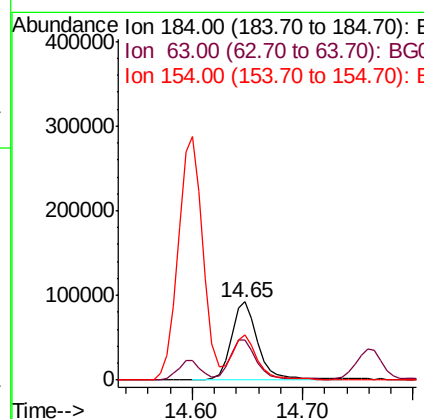
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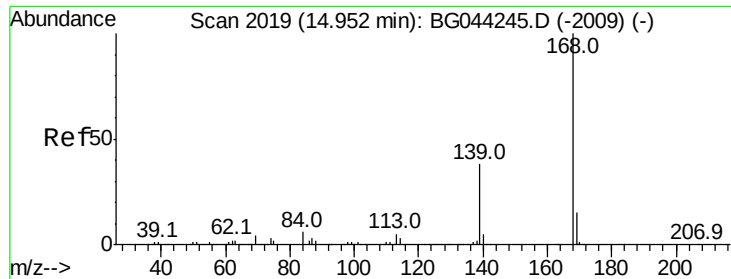
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#54
2,4-Dinitrophenol
Concen: 93.962 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:184 Resp: 156115
Ion Ratio Lower Upper
184 100
63 51.9 44.1 66.1
154 57.4 45.4 68.0





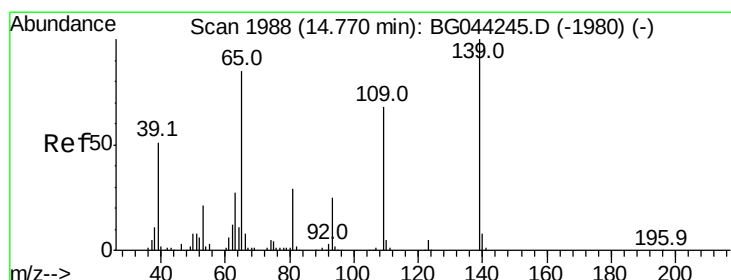
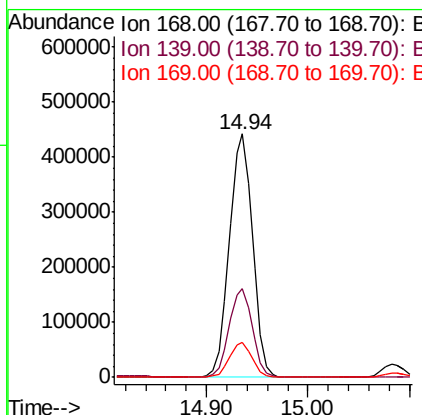
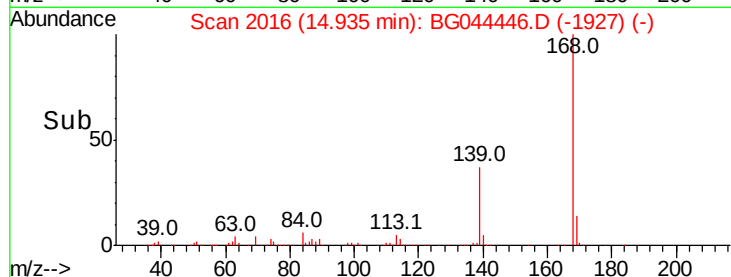
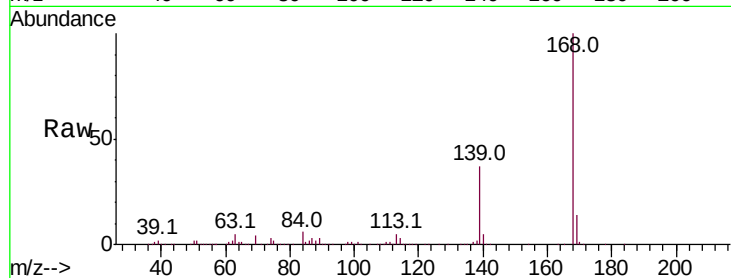
#55
Dibenzofuran
Concen: 49.161 ng
RT: 14.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.5	45.7
169	14.1	11.7	17.5

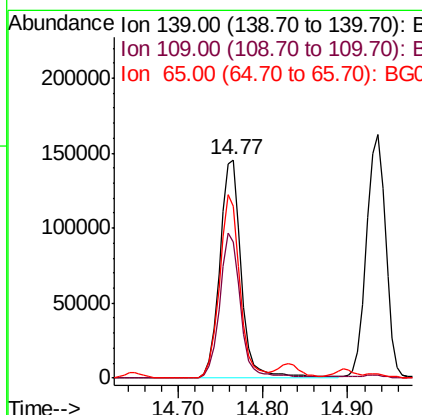
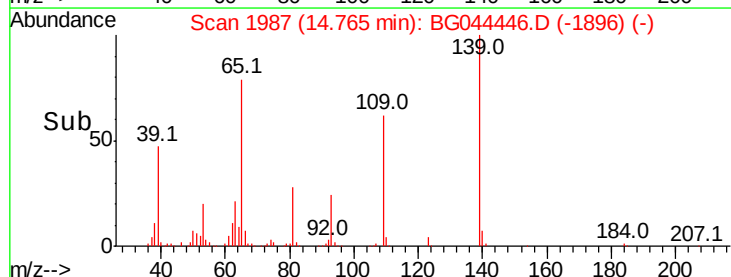
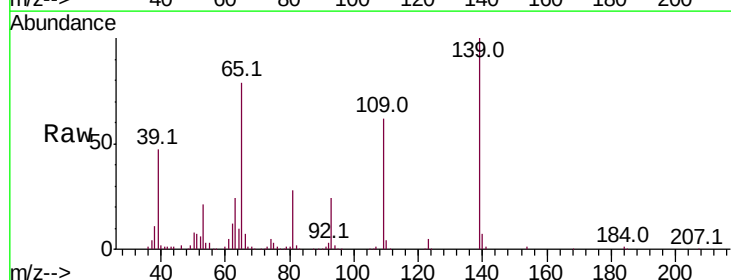
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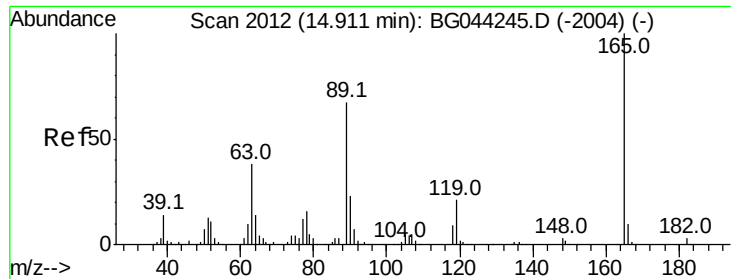
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#56
4-Nitrophenol
Concen: 115.444 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	47.5	87.5
65	78.7	64.9	104.9





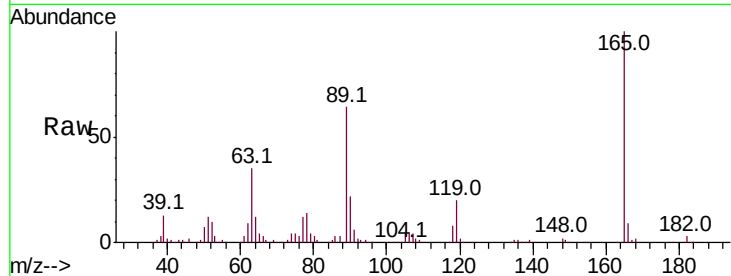
#57
2,4-Dinitrotoluene
Concen: 49.889 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

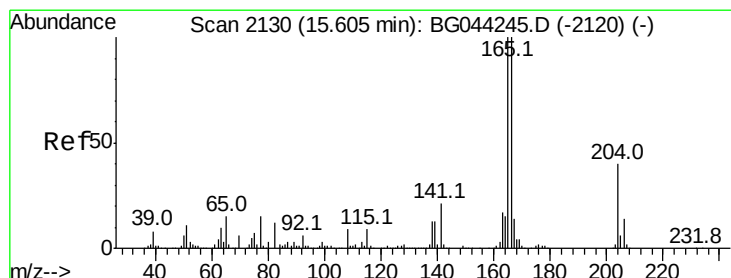
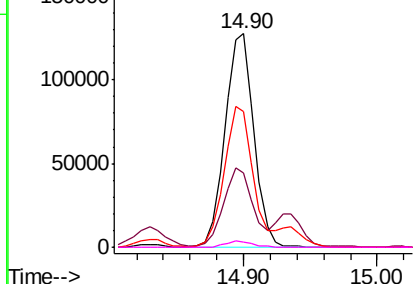
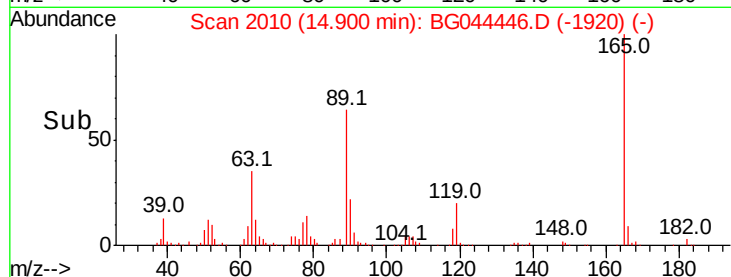
Tot Ion	Ratio	Resp	Lower	Upper
165	100	193040		
63	34.8	30.3	45.5	
89	63.6	53.4	80.2	
182	2.5	2.1	3.1	

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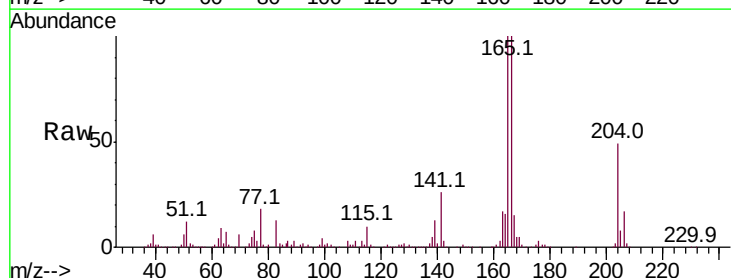


Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

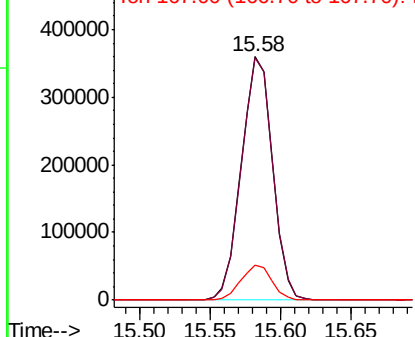
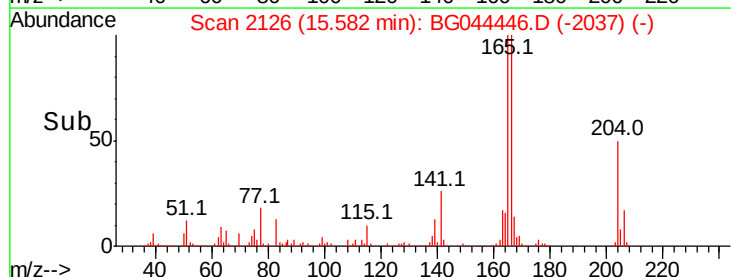


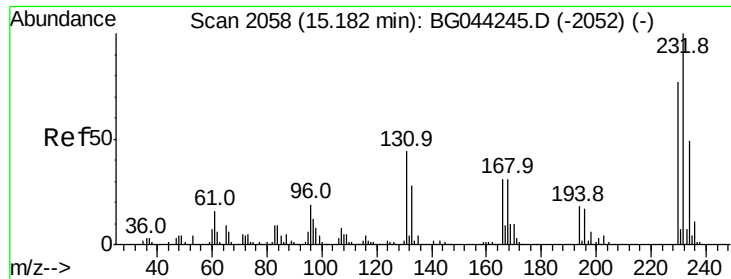
#58
Fluorene
Concen: 49.759 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	557735		
165	99.6	79.9	119.9	
167	14.5	11.4	17.0	



Abundance Ion 166.00 (165.70 to 166.70): E
500000
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: 51.535 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

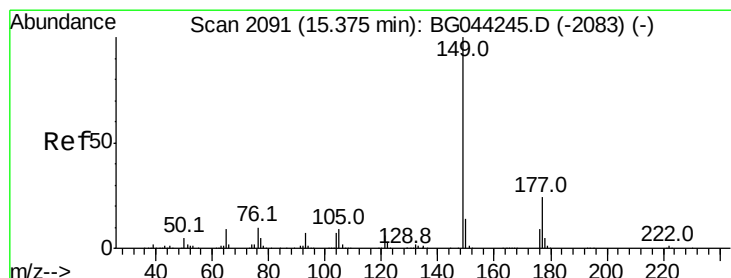
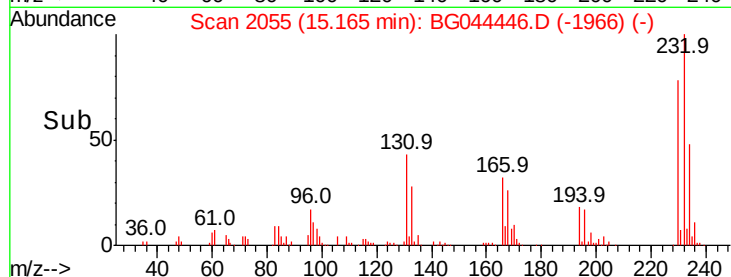
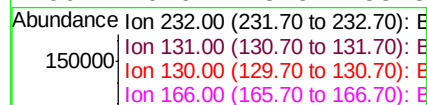
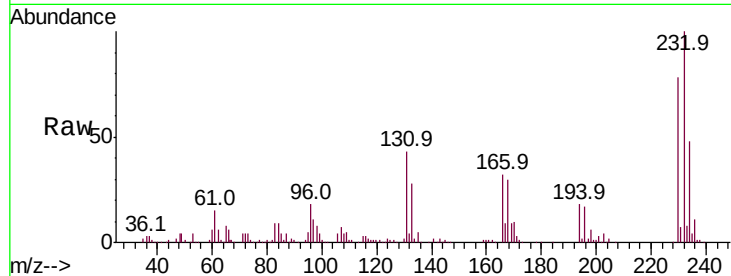
ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	158350		
131	42.5		34.2	51.4
130	2.4		1.8	2.8
166	29.9		23.8	35.8

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#60

Diethylphthalate

Concen: 49.427 ng

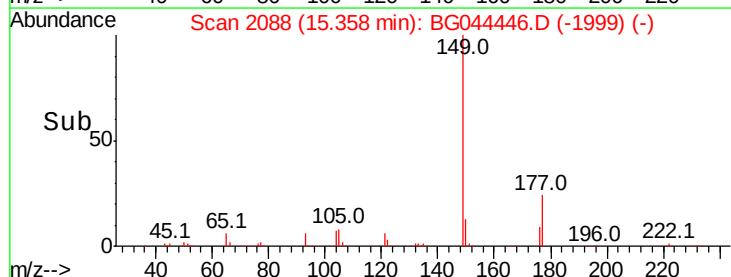
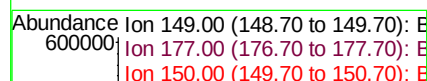
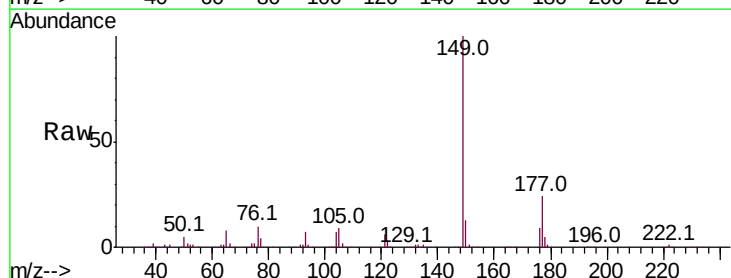
RT: 15.36 min Scan# 2088

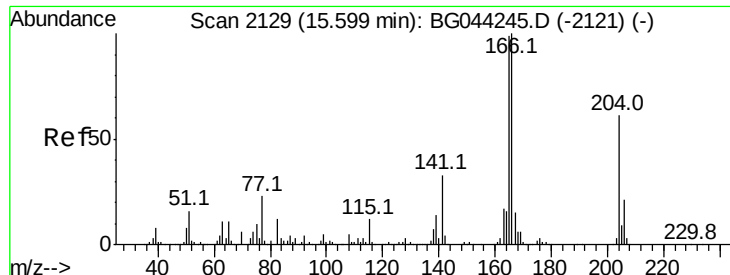
Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	609803		
177	24.1		19.4	29.0
150	13.3		10.9	16.3





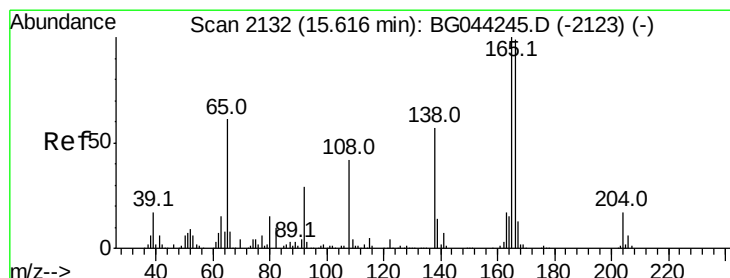
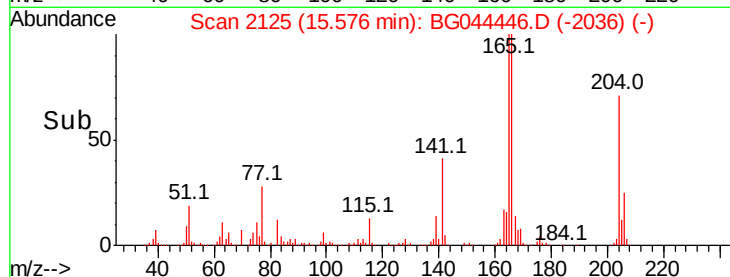
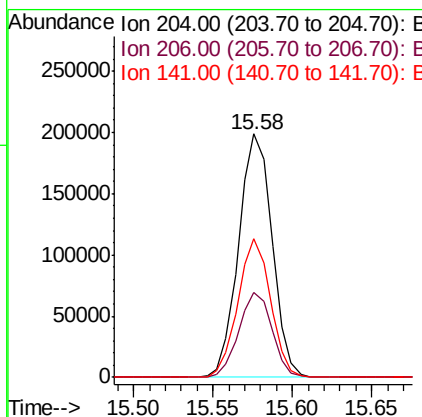
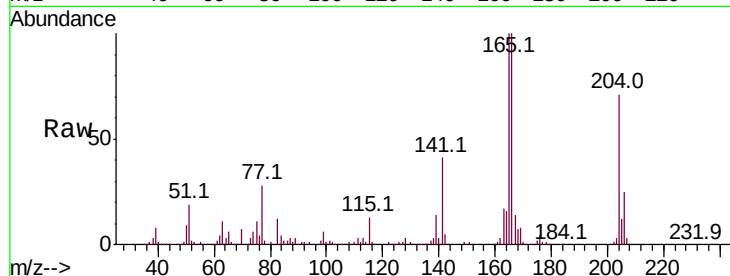
#61
4-Chlorophenyl-phenylether
Concen: 47.864 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	57.2	43.4	65.0

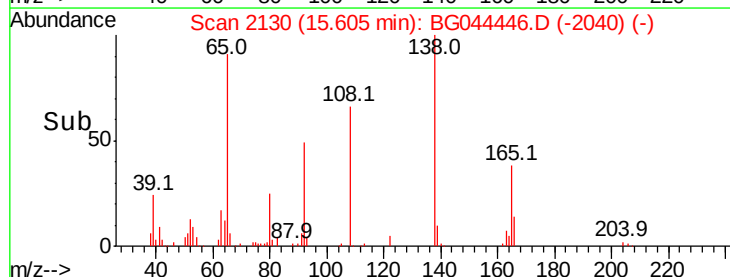
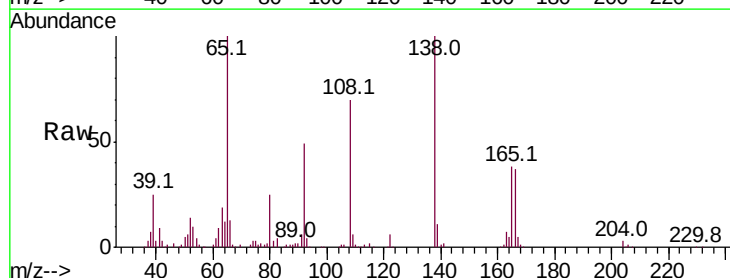
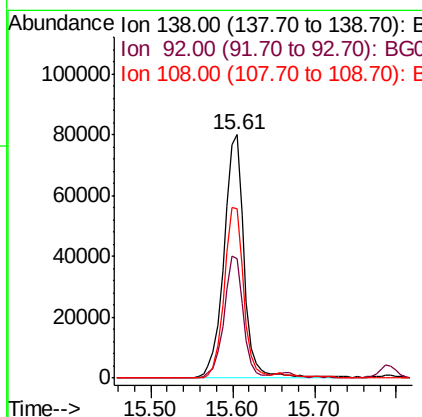
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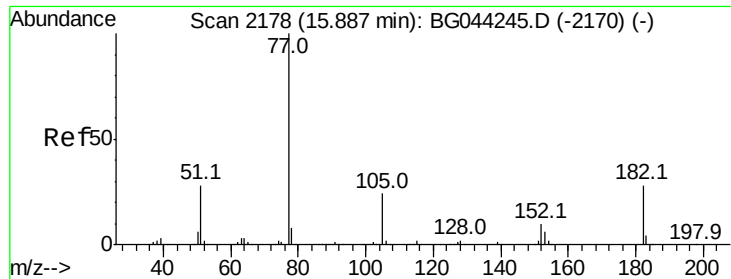
mohammad
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#62
4-Nitroaniline
Concen: 45.053 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.3	71.3
108	69.6	52.6	92.6





#63

Azobenzene

Concen: 49.366 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

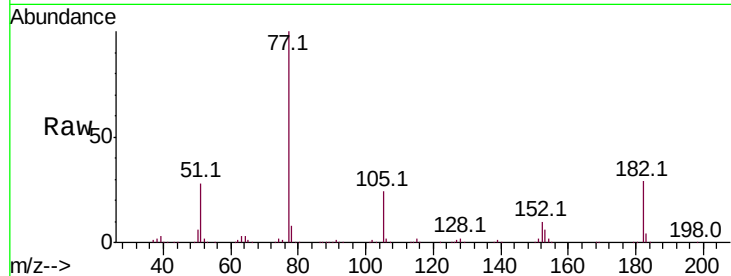
ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	533798		
182	28.7	8.2	48.2	
105	23.6	3.6	43.6	
51	28.1	8.3	48.3	

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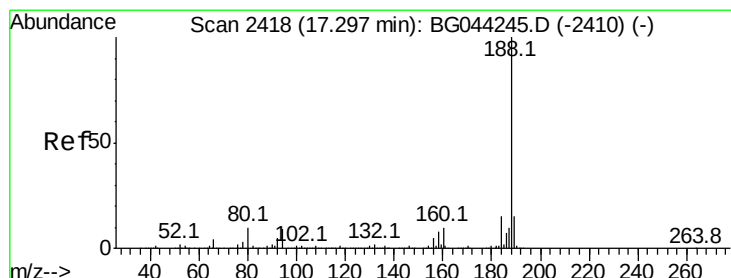
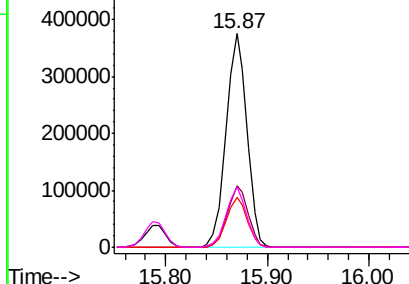
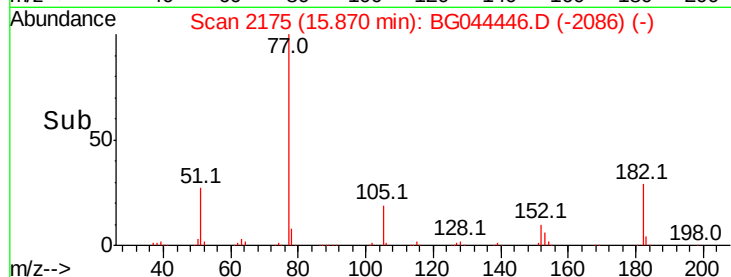
Abundance

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

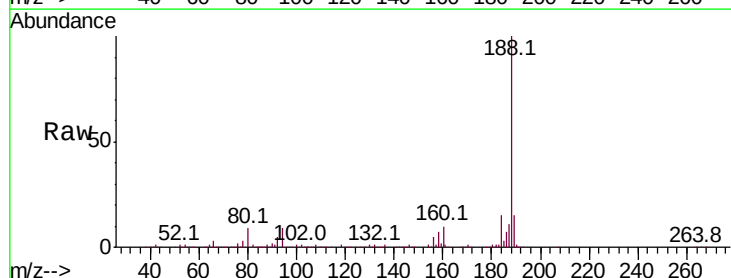
RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	400705		
94	8.9	7.4	11.2	
80	9.2	7.7	11.5	

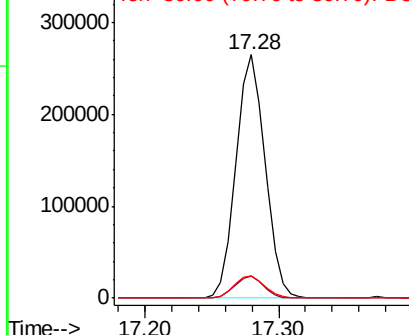
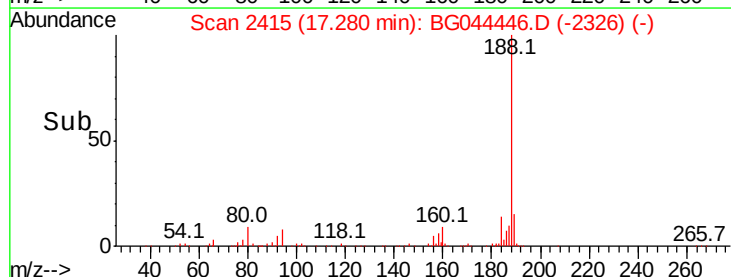


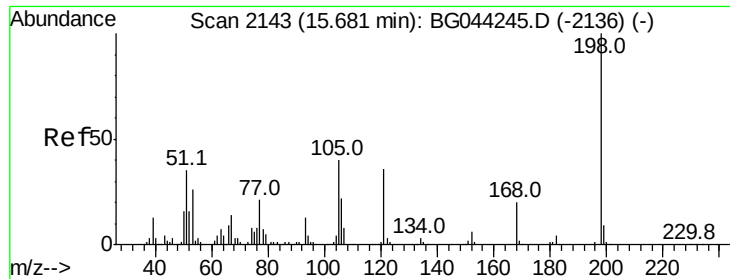
Abundance

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





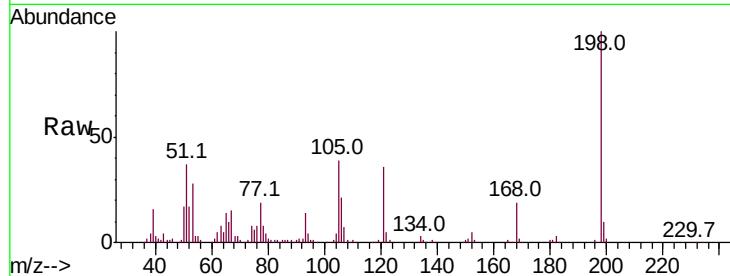
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.972 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

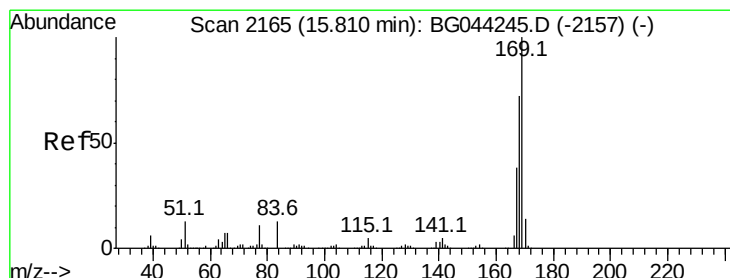
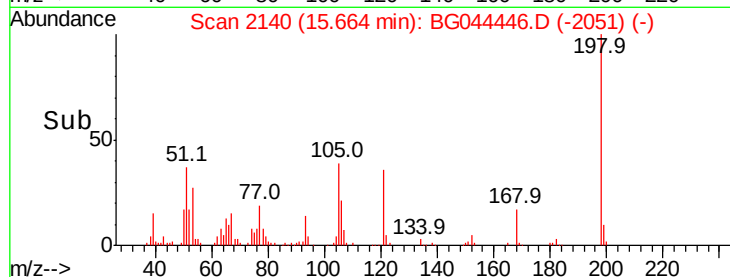
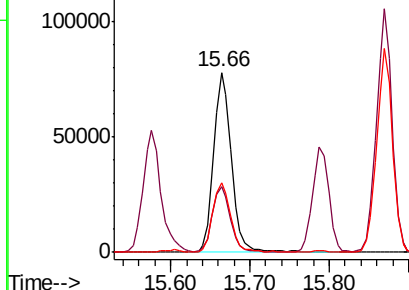
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.6	16.6	56.6
105	38.8	20.6	60.6

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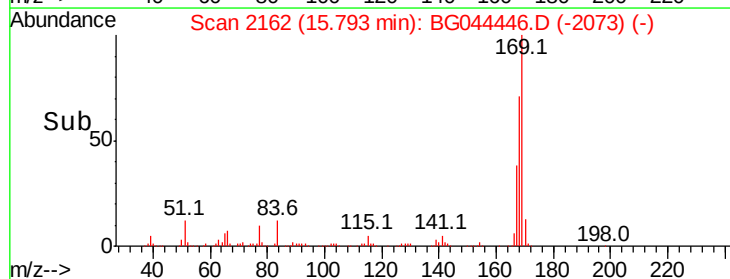
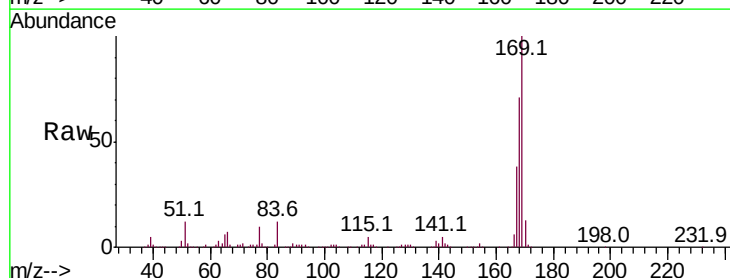
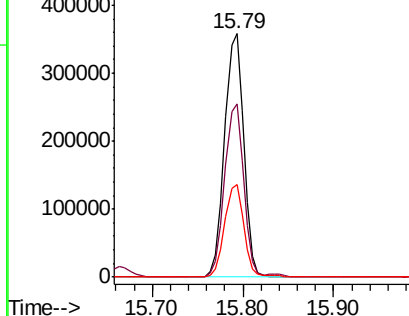
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

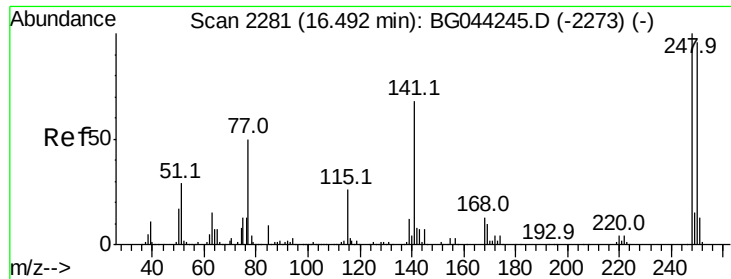


#66
 n-Nitrosodiphenylamine
 Concen: 46.753 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.2	57.9	86.9
167	37.8	30.7	46.1

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





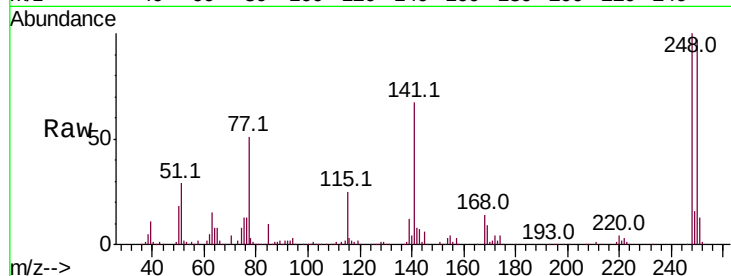
#67
 4-Bromophenyl-phenylether
 Concen: 45.082 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.6	114.8
141	67.1	54.7	82.1

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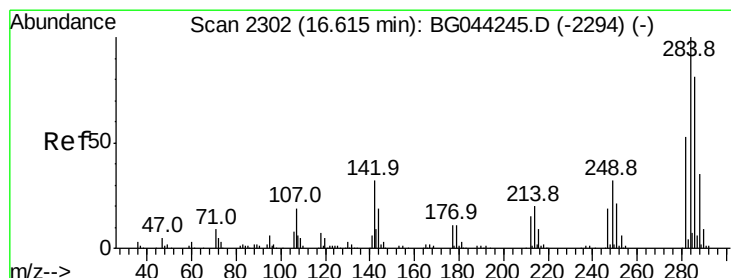
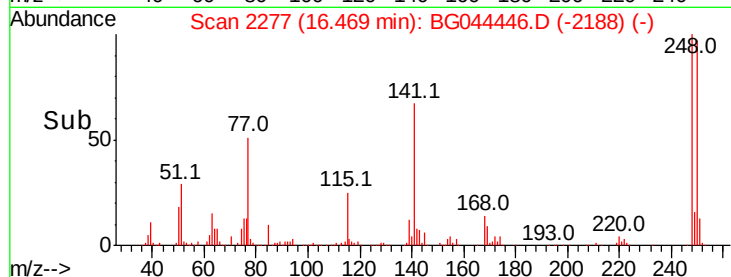
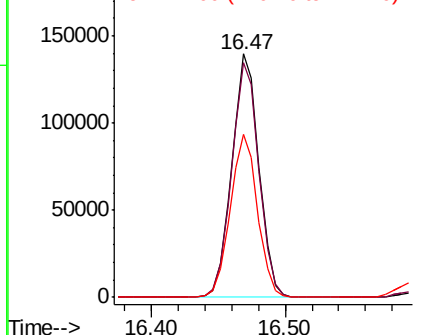


Abundance

Ion 248.00 (247.70 to 248.70): E

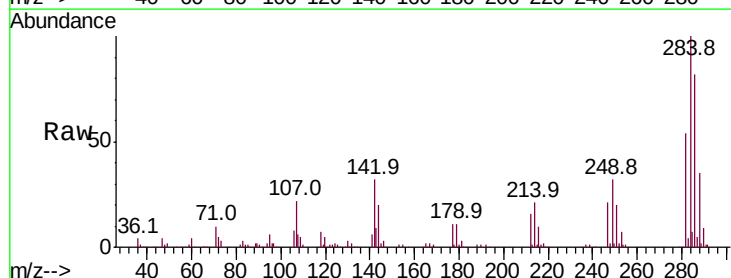
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 44.406 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.3	37.9
249	31.8	25.5	38.3

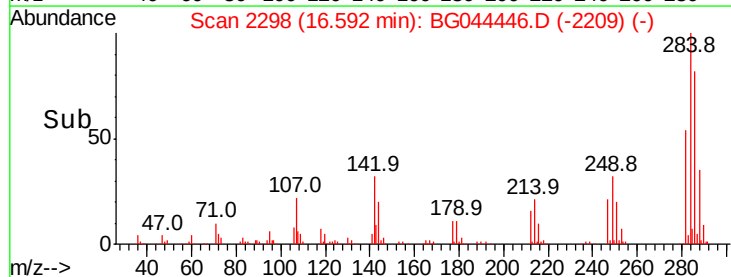
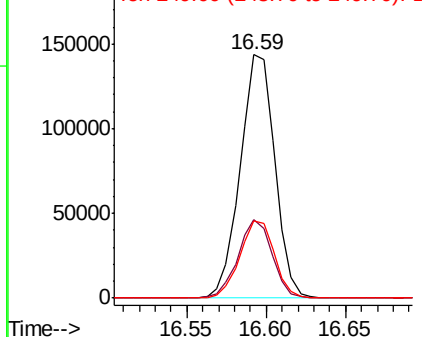


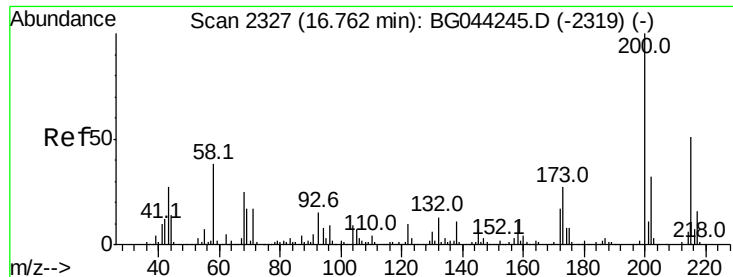
Abundance

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





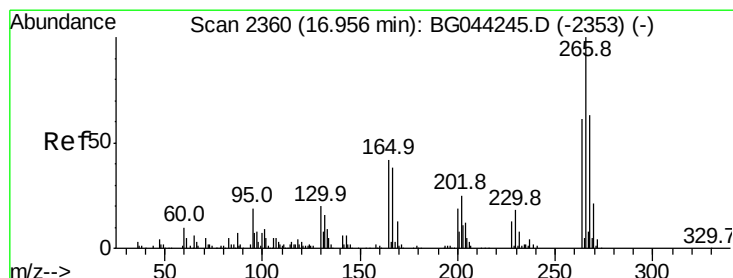
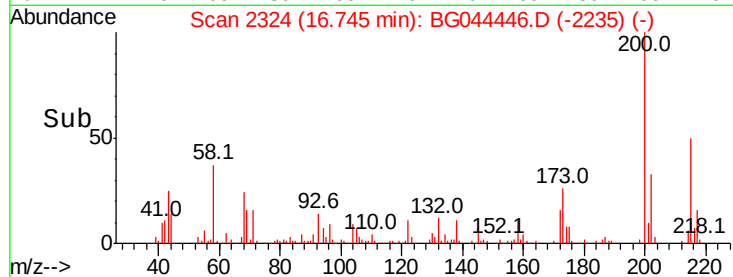
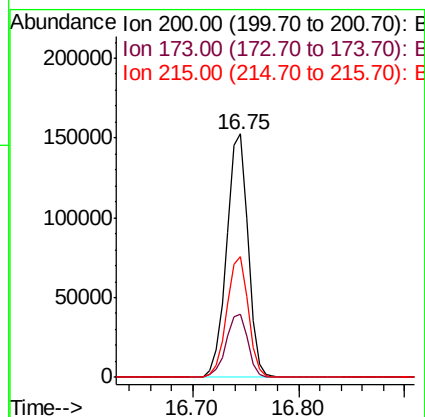
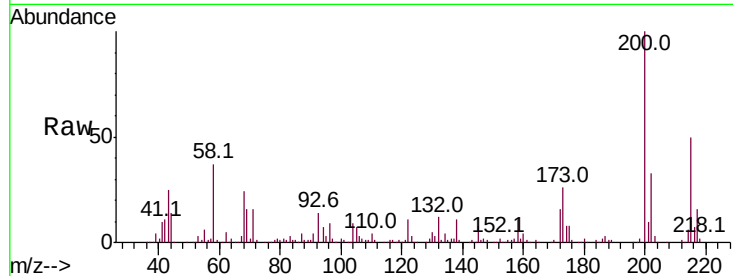
#69
Atrazine
Concen: 55.366 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	213102		
173	25.8	6.6	46.6	
215	49.8	31.0	71.0	

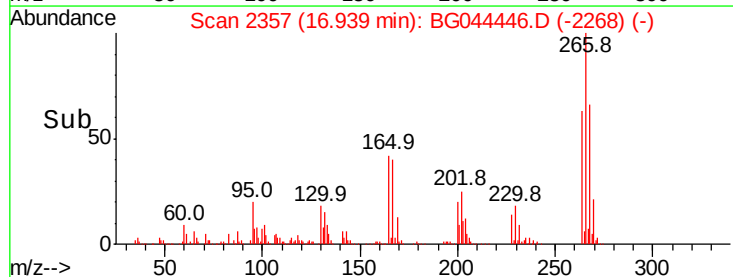
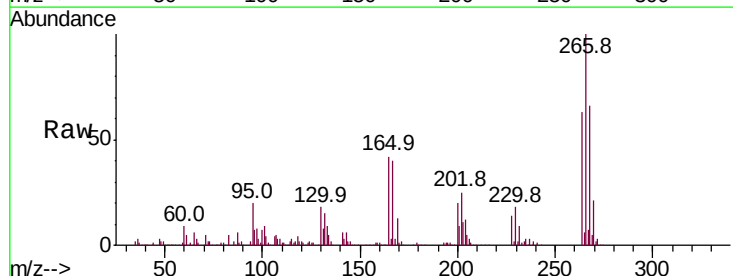
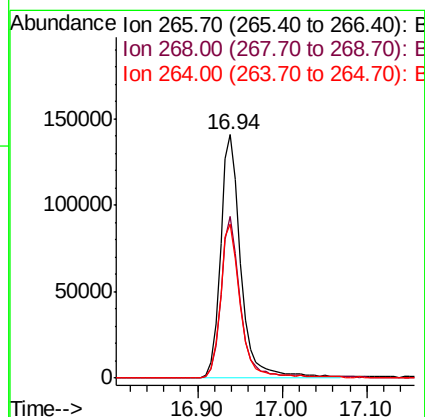
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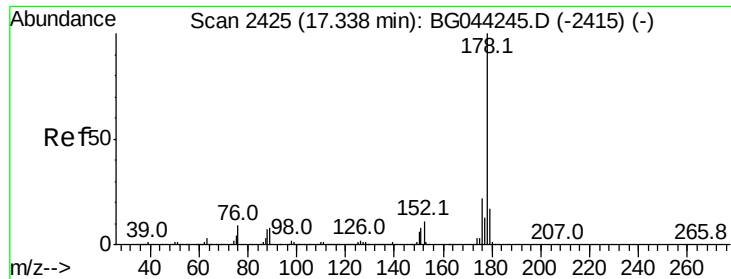
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#70
Pentachlorophenol
Concen: 95.311 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	237280		
268	66.4	50.6	75.8	
264	63.5	48.7	73.1	





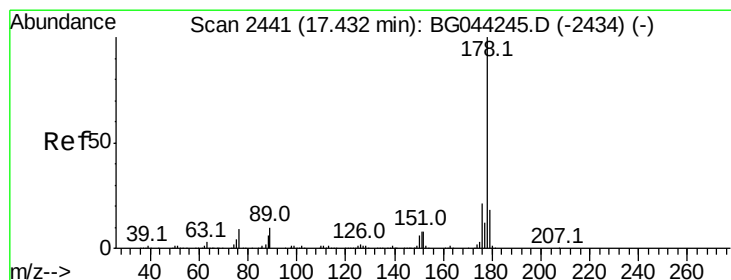
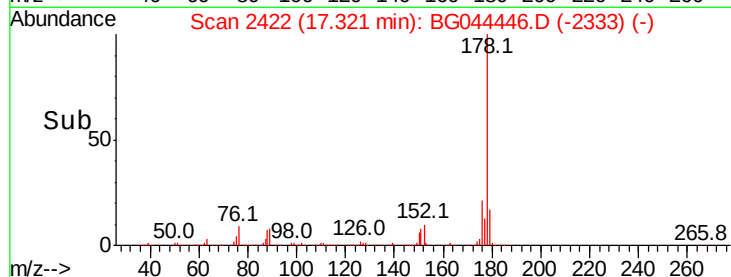
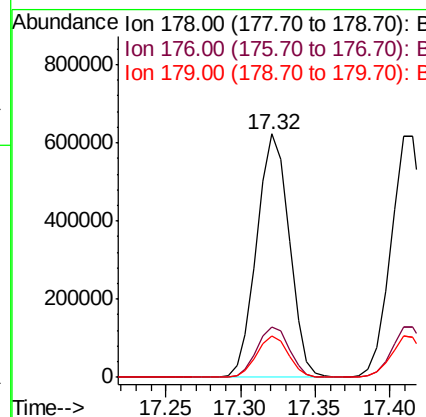
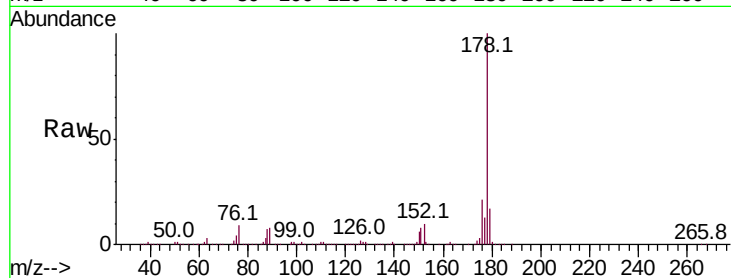
#71
Phenanthrene
Concen: 48.281 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.7	26.5
179	17.0	13.7	20.5

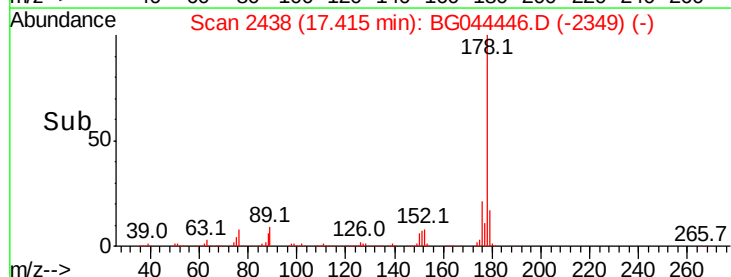
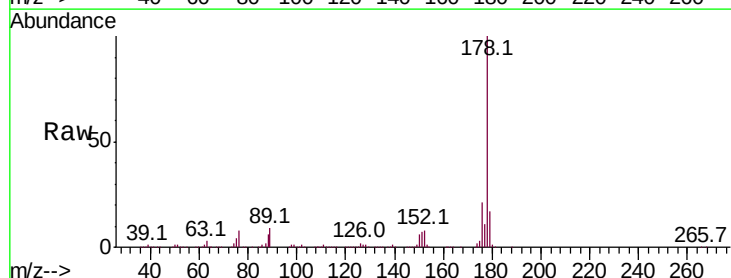
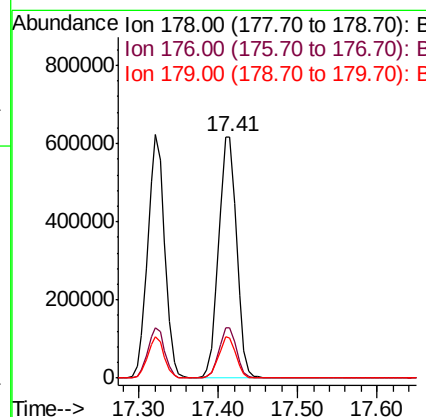
Manual Integrations
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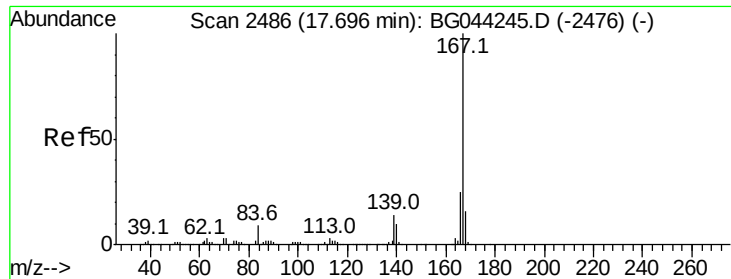
mohammad
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#72
Anthracene
Concen: 50.510 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.4
179	16.8	14.4	21.6





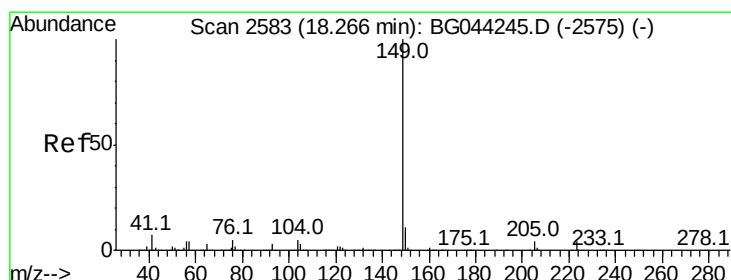
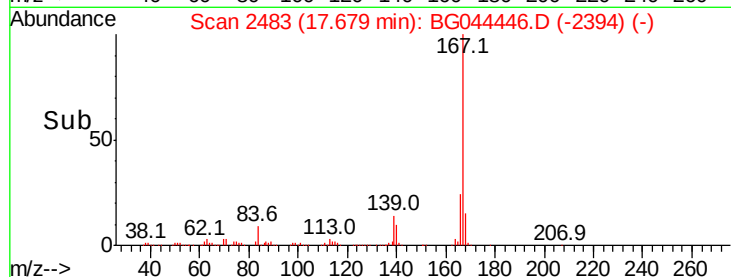
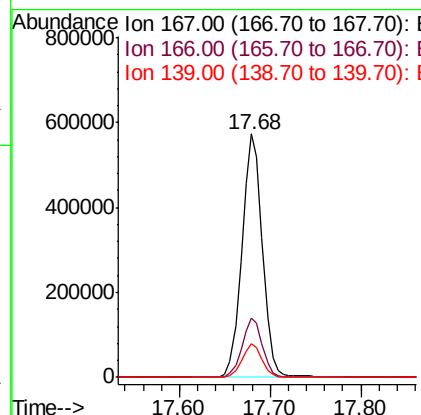
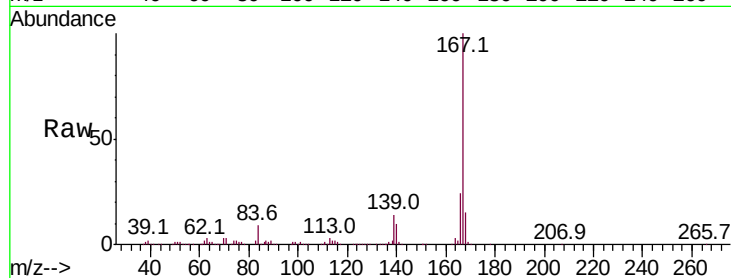
#73
 Carbazole
 Concen: 51.045 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.8	29.6
139	13.7	11.1	16.7

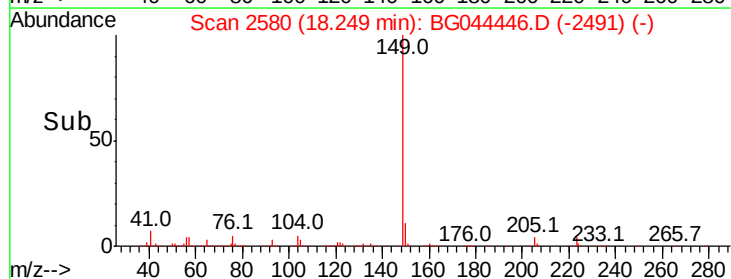
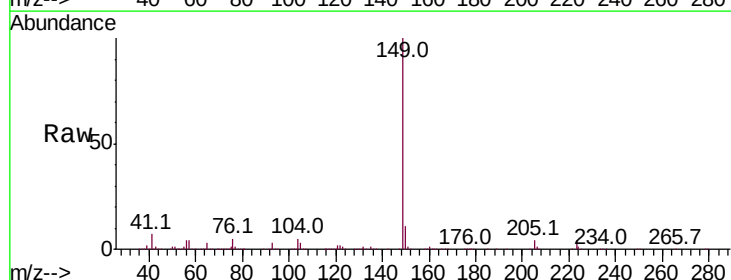
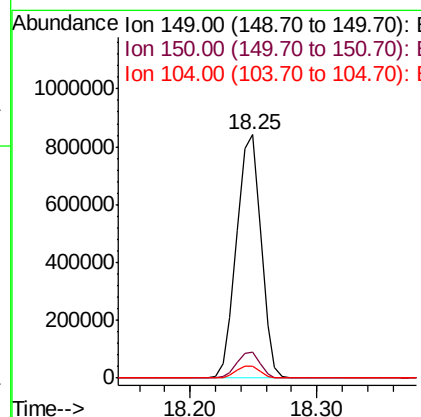
Manual Integrations
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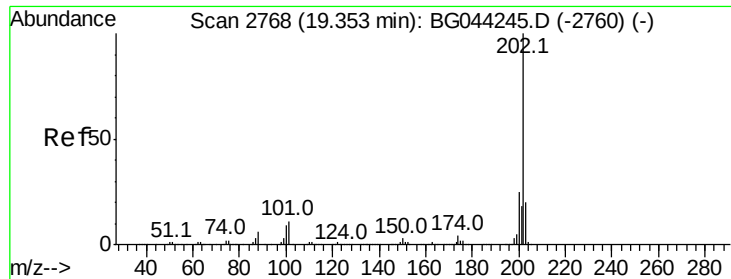
mohammad
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#74
 Di-n-butylphthalate
 Concen: 51.075 ng
 RT: 18.25 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.7	13.1
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 52.552 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

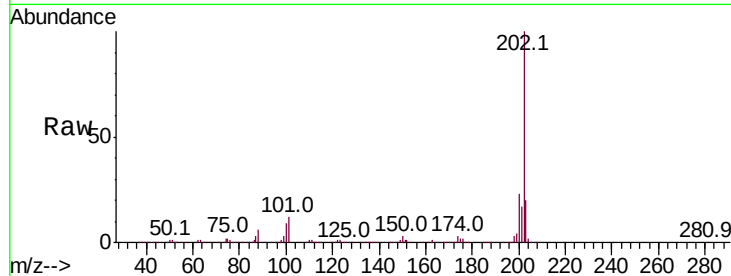
ClientSampleId :

SB-2B-(18.5-20.5)MSD

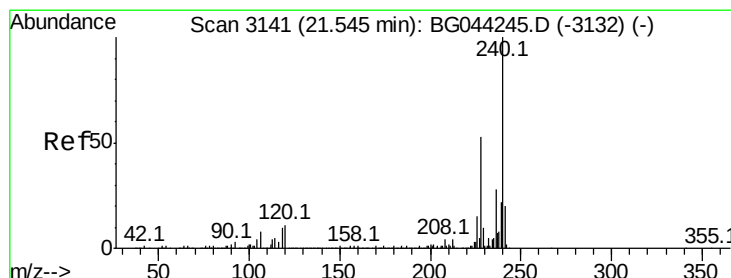
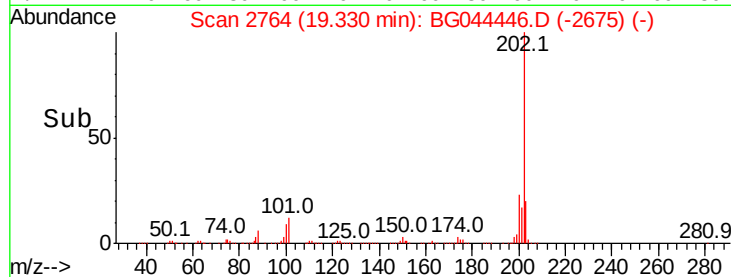
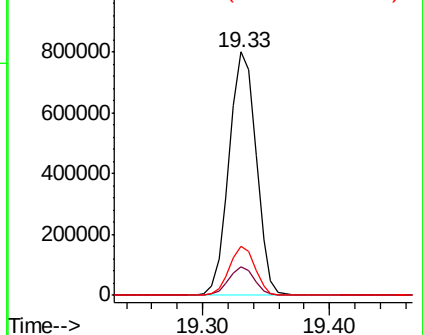
Tot Ion:	202	Resp:	1179594
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.3
203	20.1	0.0	39.9

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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: 21.52 min Scan# 3137

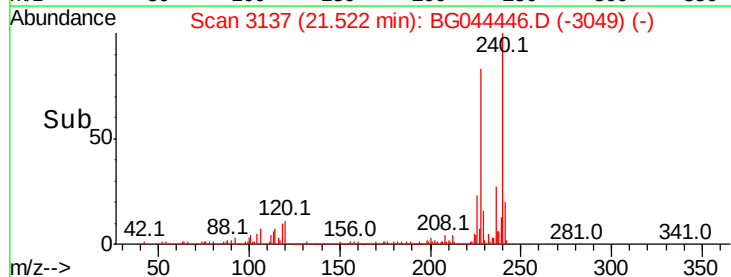
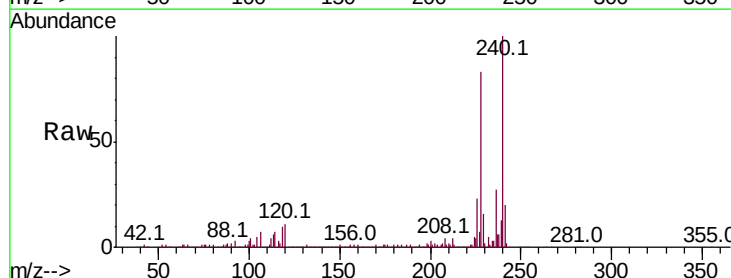
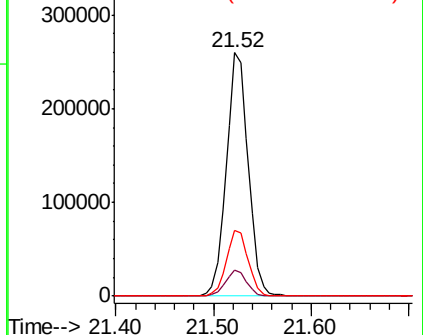
Delta R.T. -0.01 min

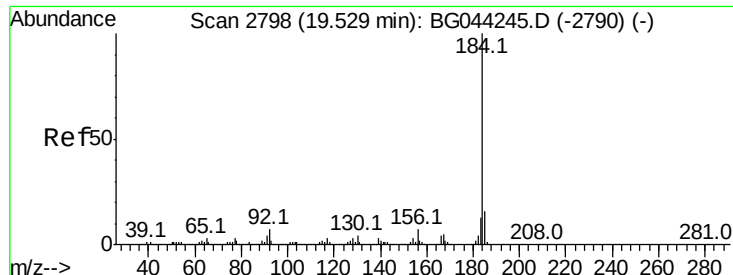
Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion:	240	Resp:	401667
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.4	12.6
236	26.9	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: 47.452 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

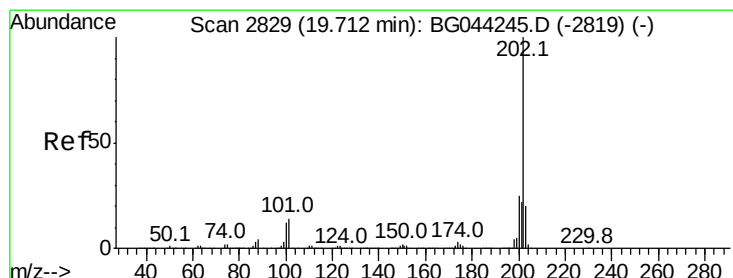
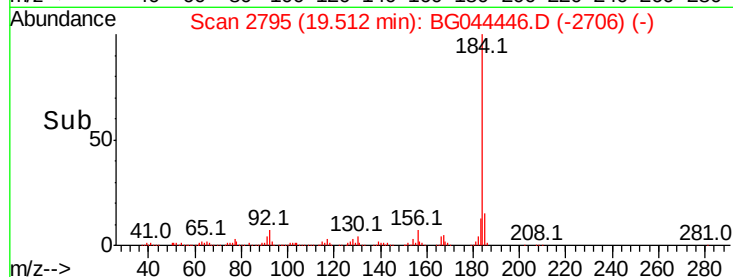
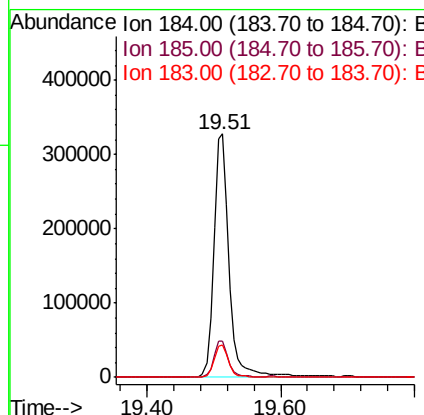
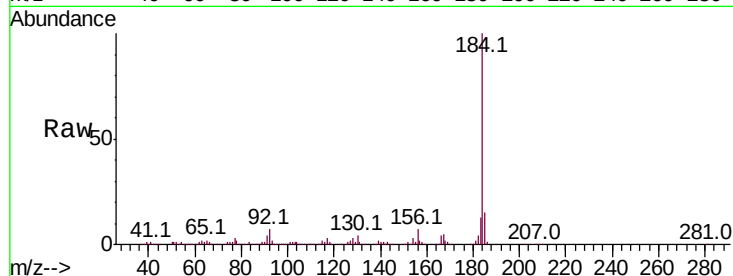
ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion:	184	Resp:	528677
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.9	19.3
183	13.1	10.8	16.2

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#78

Pyrene

Concen: 45.964 ng

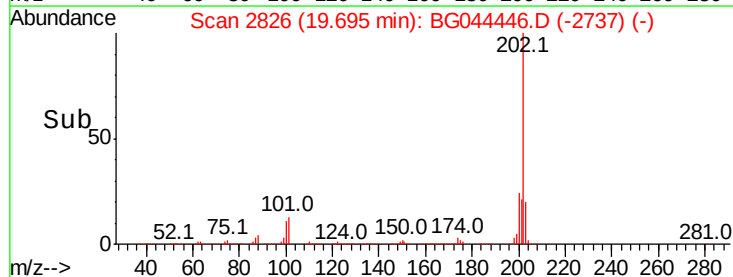
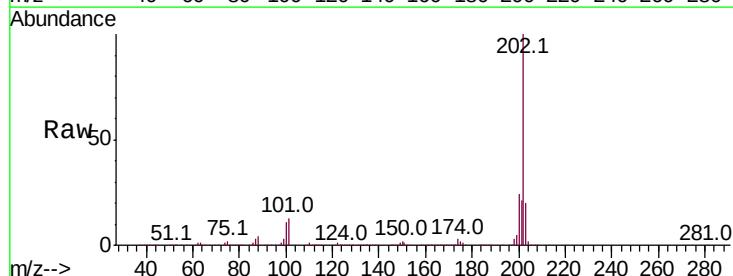
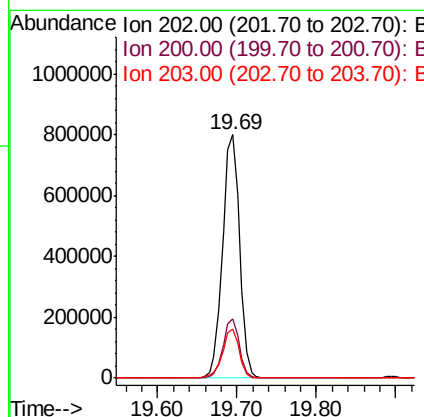
RT: 19.69 min Scan# 2826

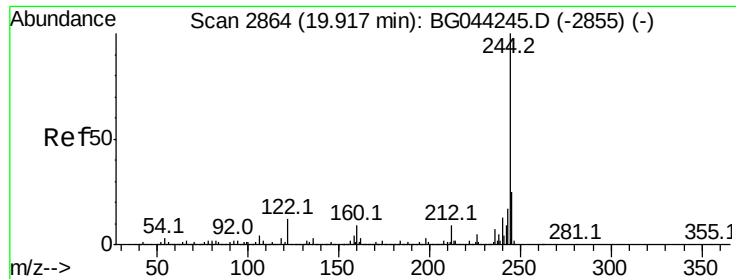
Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion:	202	Resp:	1185649
Ion Ratio	Lower	Upper	
202	100		
200	24.2	20.0	30.0
203	20.0	16.2	24.2





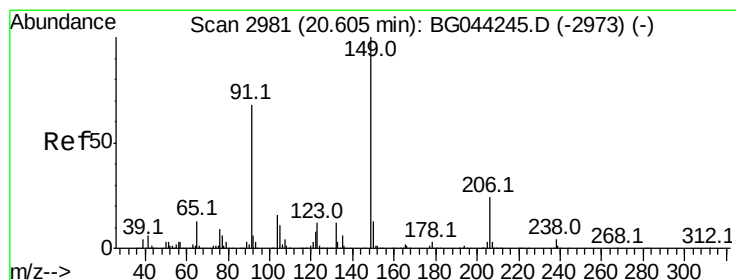
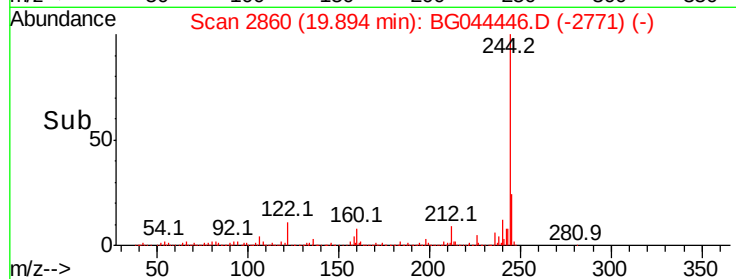
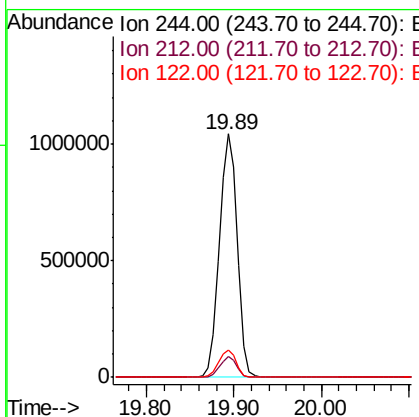
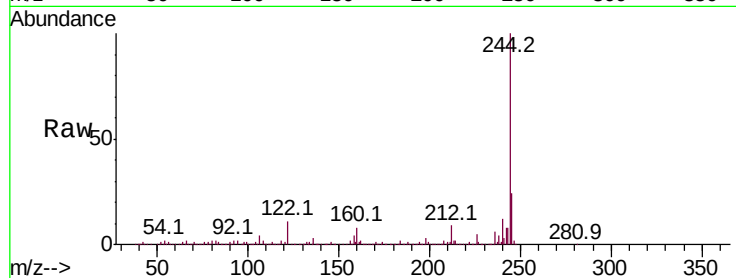
#79
 Terphenyl-d14
 Concen: 75.684 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.3	9.8	14.6

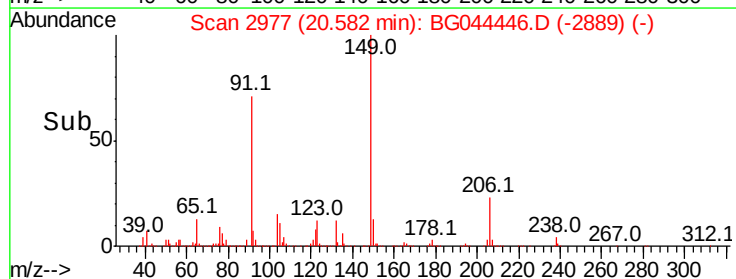
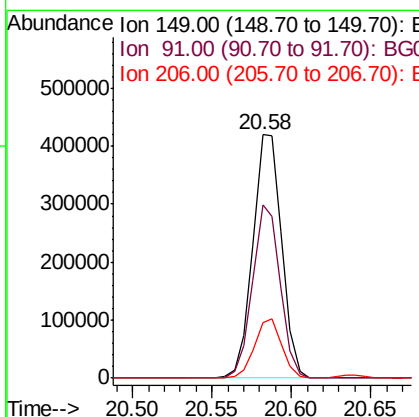
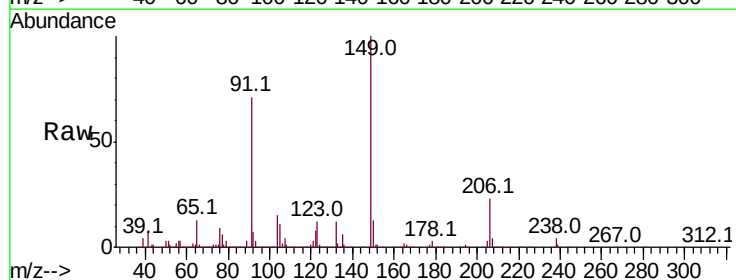
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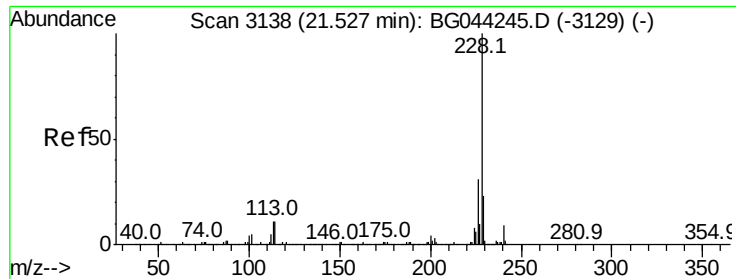
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#80
 Butylbenzylphthalate
 Concen: 45.219 ng
 RT: 20.58 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	54.5	81.7
206	22.8	19.1	28.7





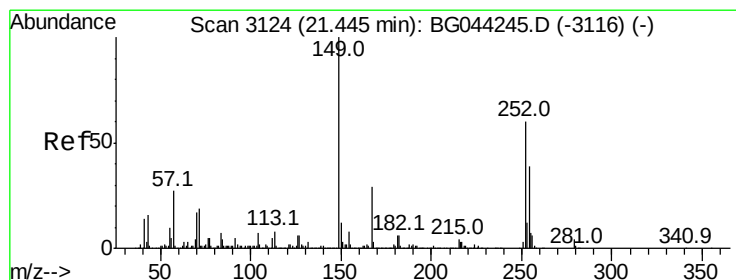
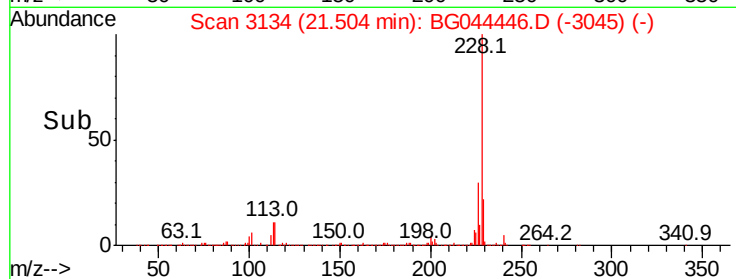
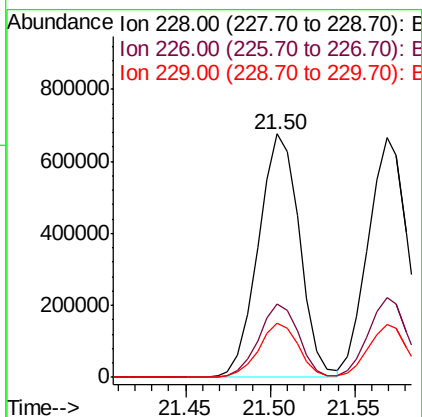
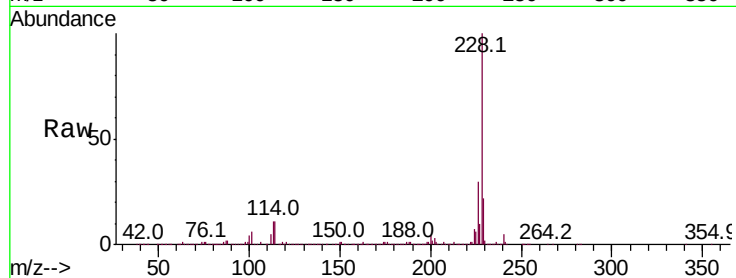
#81
Benzo(a)anthracene
Concen: 46.307 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:228 Resp: 1146340
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.2 18.2 27.4

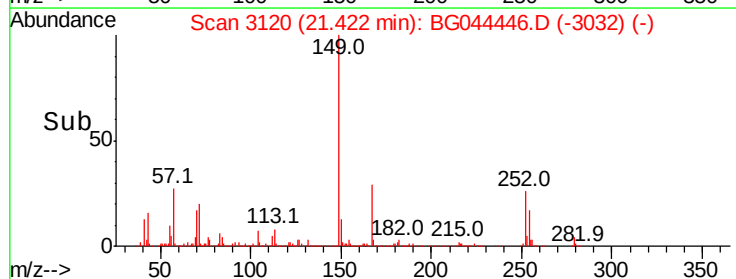
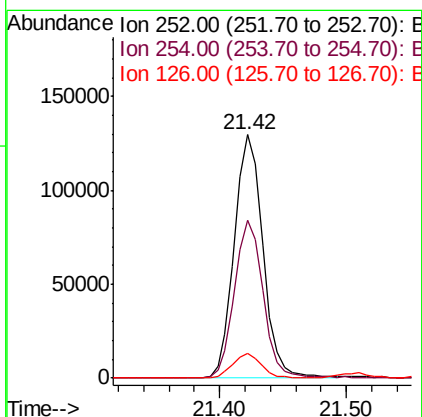
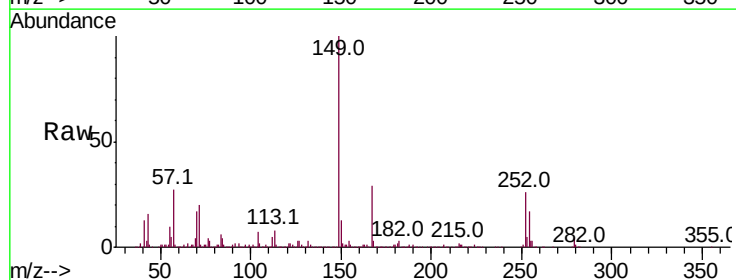
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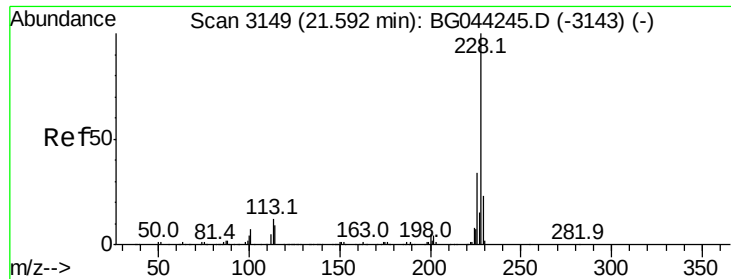
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 21.066 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:252 Resp: 202399
Ion Ratio Lower Upper
252 100
254 65.1 52.6 78.8
126 10.3 8.2 12.4





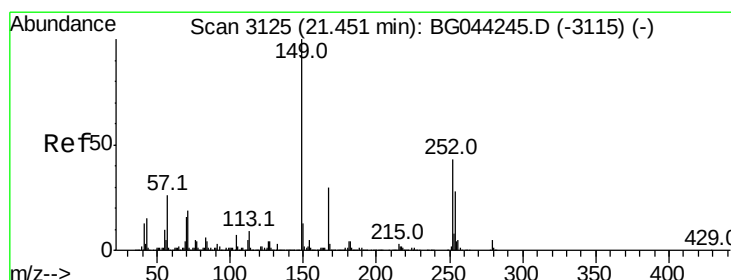
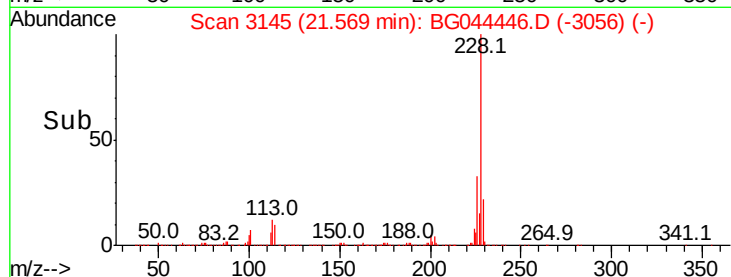
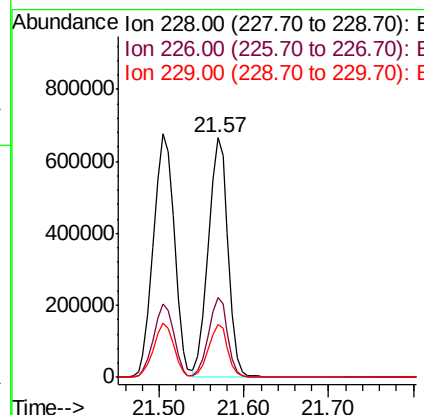
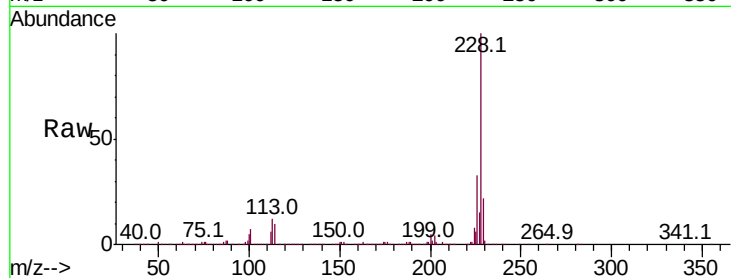
#83
 Chrysene
 Concen: 45.310 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.1	40.7
229	21.9	17.9	26.9

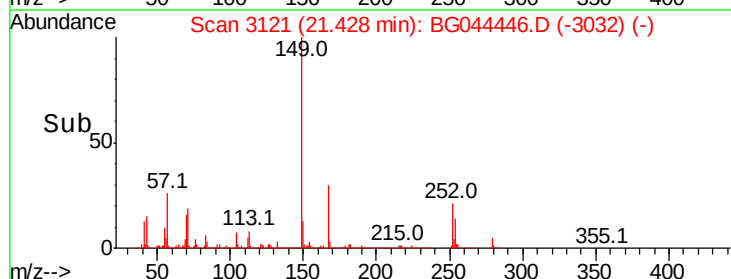
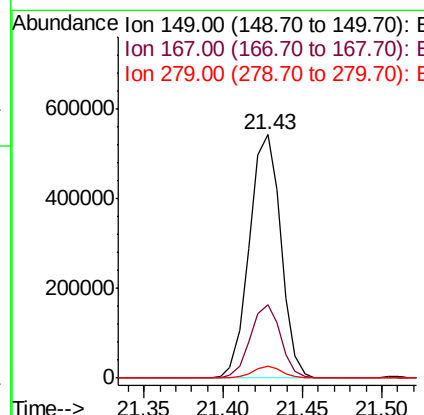
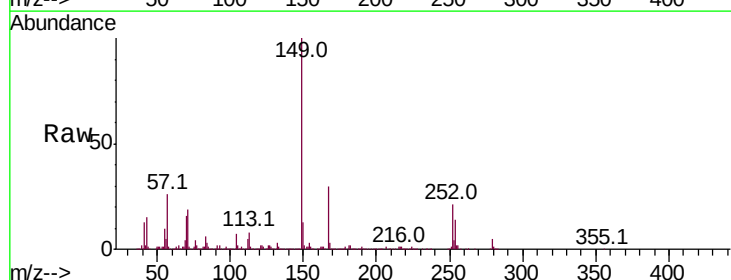
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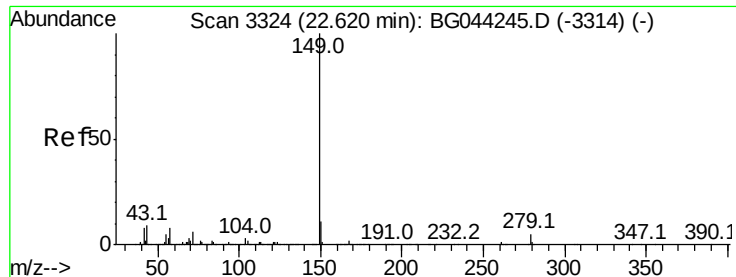
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.330 ng
 RT: 21.43 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.0	36.0
279	4.9	3.8	5.8





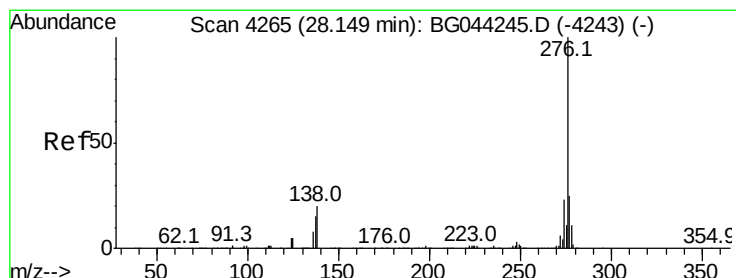
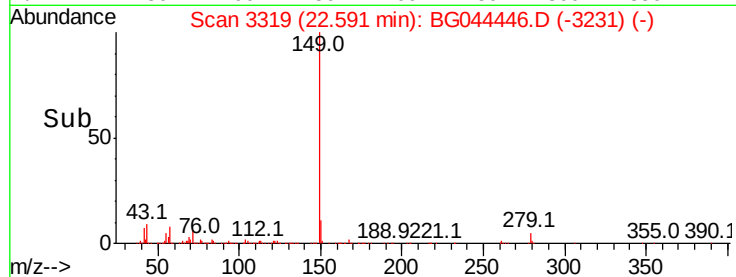
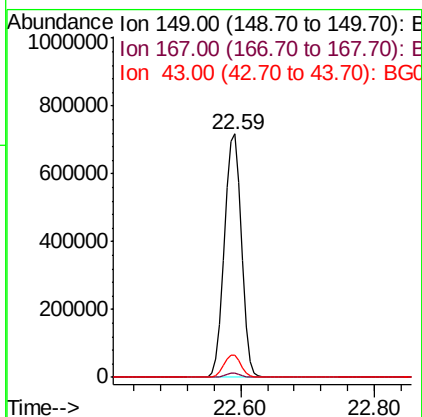
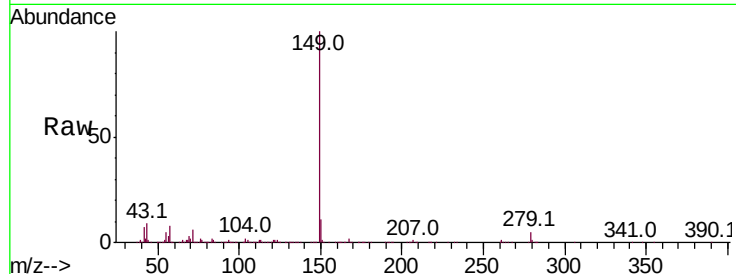
#85
Di-n-octyl phthalate
Concen: 46.499 ng
RT: 22.59 min Scan# 3319
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.4	11.0

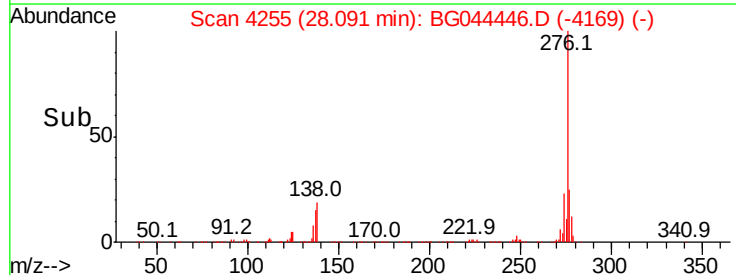
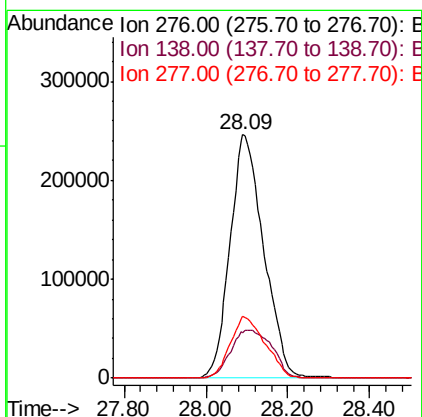
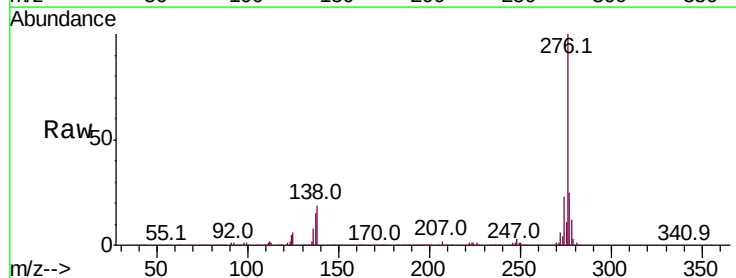
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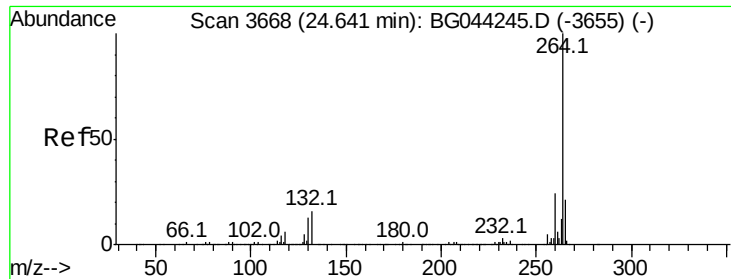
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.026 ng
RT: 28.09 min Scan# 4255
Delta R.T. -0.03 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.4	29.0
277	26.3	21.0	31.6





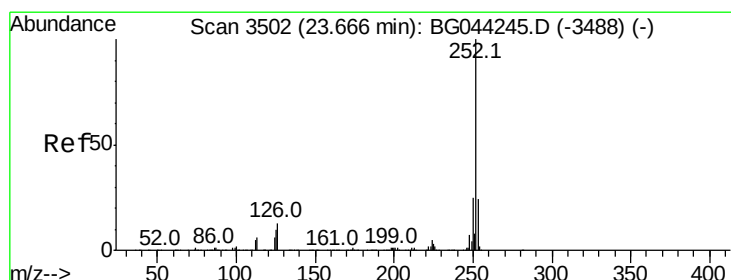
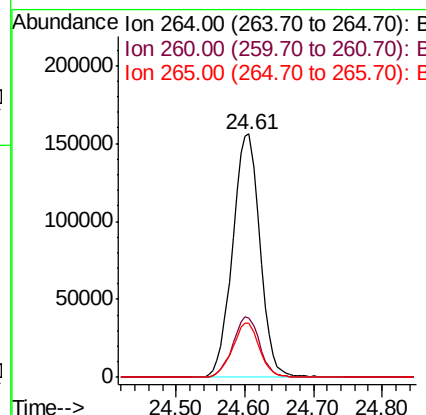
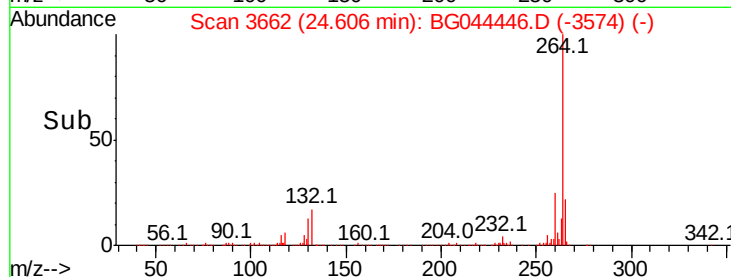
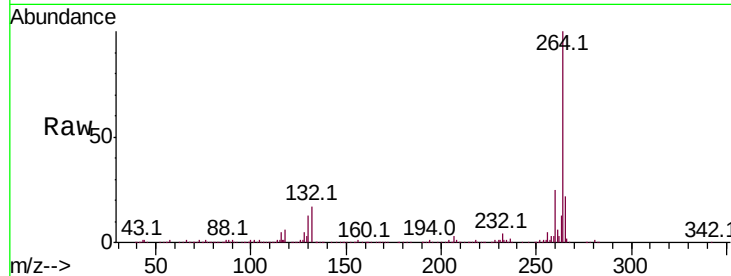
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	16.7	25.1

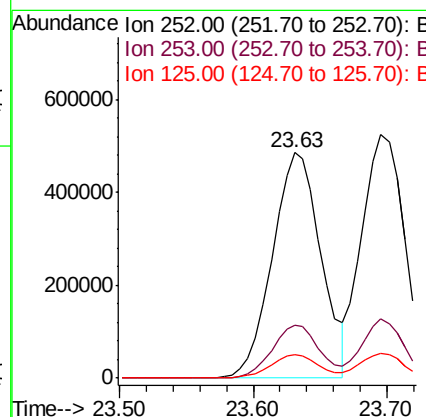
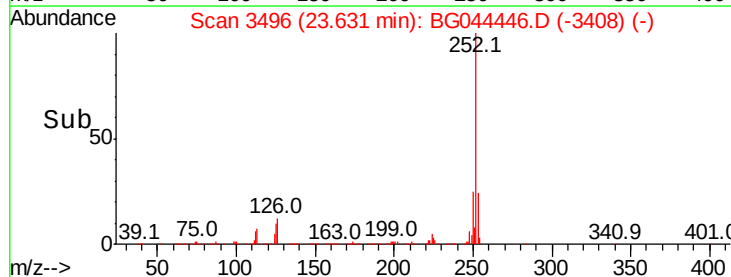
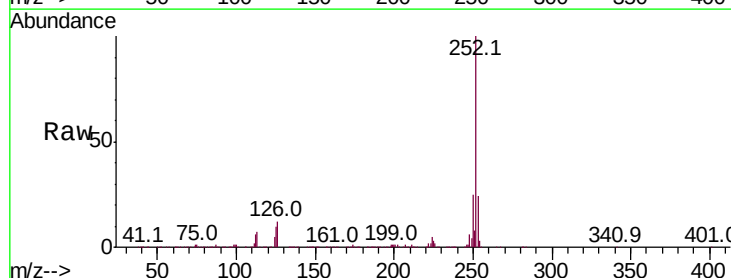
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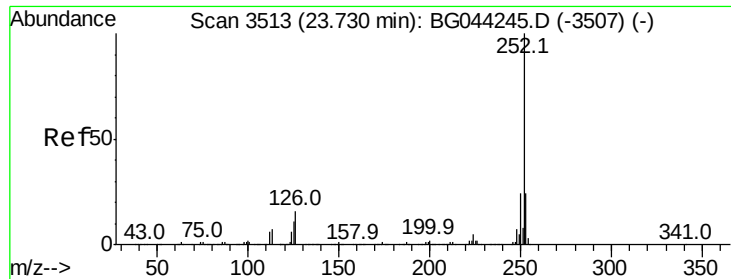
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.357 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	10.3	8.4	12.6





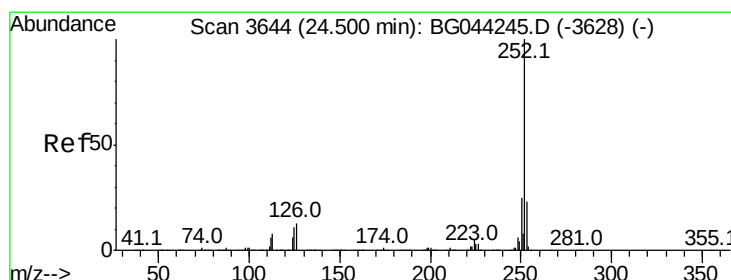
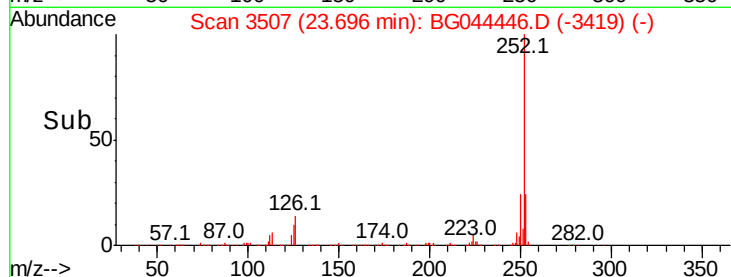
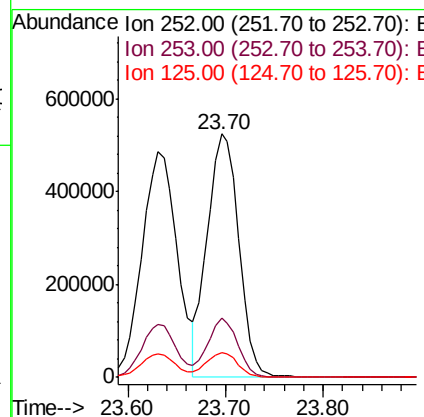
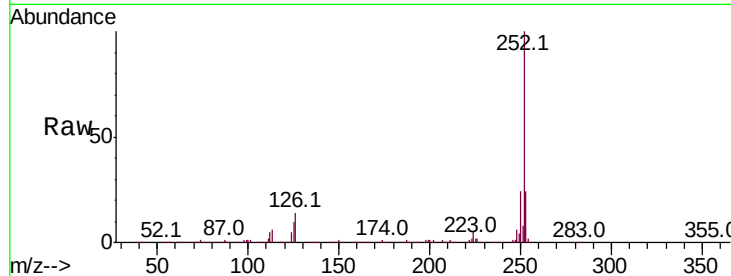
#89
Benzo(k)fluoranthene
Concen: 48.311 ng
RT: 23.70 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:252 Resp: 1170044
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 10.4 8.6 12.8

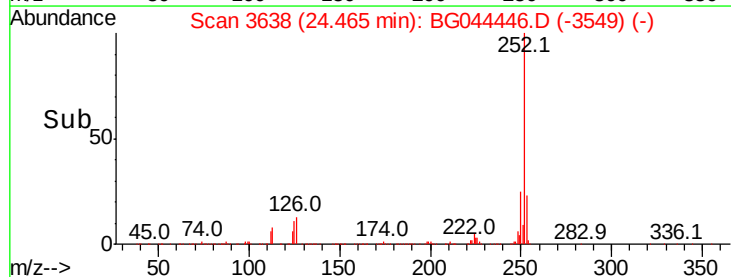
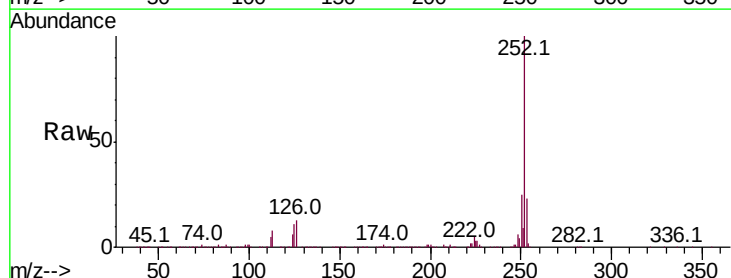
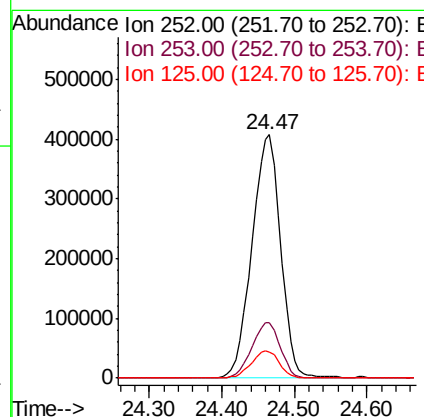
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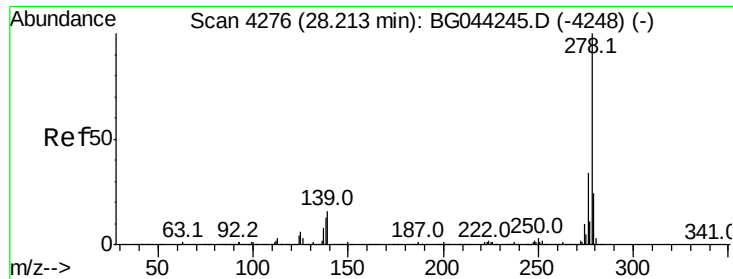
mohammad
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#90
Benzo(a)pyrene
Concen: 47.505 ng
RT: 24.47 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:252 Resp: 1116128
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 10.7 8.6 13.0





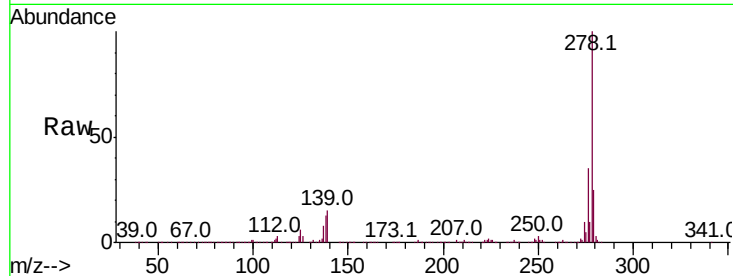
#91
Dibenzo(a,h)anthracene
Concen: 49.716 ng
RT: 28.16 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	24.9	19.3	28.9

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2/17/2020 3:48:39 PM

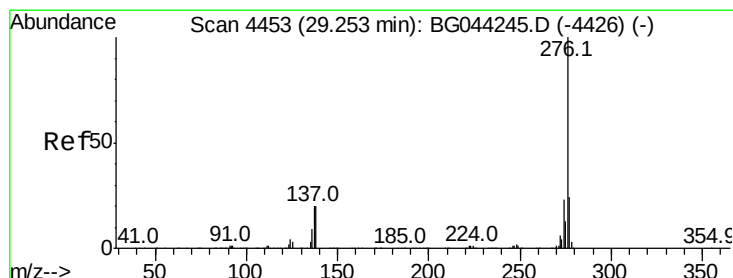
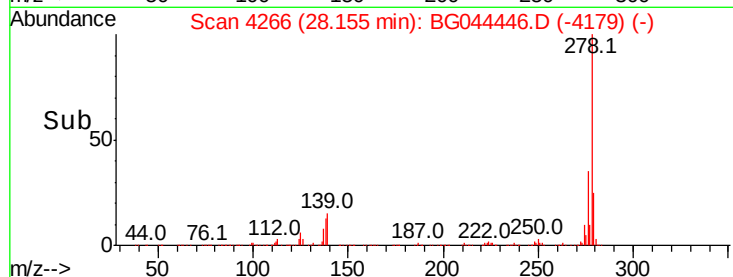
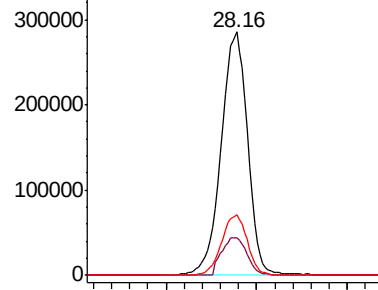


Abundance

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: 50.608 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.02 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	21.3	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

