

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044332.D
 Acq On : 7 Feb 2020 11:33
 Operator : CG/JU
 Sample : PB126601BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Manual Integrations
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mohammad
 2/11/2020 8:25:46 AM

Quant Time: Feb 08 02:41:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	93270	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	380399	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	240603	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	508615	20.00	ng	0.00
76) Chrysene-d12	21.55	240	441417	20.00	ng	0.00
87) Perylene-d12	24.64	264	424085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	681146	128.89	ng	0.00
7) Phenol-d6	7.09	99	881434	124.20	ng	0.00
23) Nitrobenzene-d5	9.07	82	466054	69.17	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	330854	117.14	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1036736	72.15	ng	0.00
79) Terphenyl-d14	19.91	244	1498000	69.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	138081	58.152	ng	98
3) Pyridine	3.77	79	217882	34.442	ng	97
4) n-Nitrosodimethylamine	3.69	42	108320	40.976	ng	99
6) Aniline	7.24	93	294039	33.379	ng	99
8) 2-Chlorophenol	7.49	128	271557	46.754	ng	98
9) Benzaldehyde	7.05	77	111373	27.555	ng	94
10) Phenol	7.12	94	328408	46.759	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	250859	41.778	ng	97
12) 1,3-Dichlorobenzene	7.80	146	280579	40.459	ng	99
13) 1,4-Dichlorobenzene	7.95	146	285661	41.590	ng	99
14) 1,2-Dichlorobenzene	8.27	146	269858	41.567	ng	99
15) Benzyl Alcohol	8.16	79	224218	44.626	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	324408	39.917	ng	99
17) 2-Methylphenol	8.36	107	230564	46.011	ng	98
18) Hexachloroethane	9.00	117	104619	40.590	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	193781	40.971	ng	98
20) 3+4-Methylphenols	8.69	107	317605	45.989	ng	98
22) Acetophenone	8.73	105	367986	39.765	ng	# 98
24) Nitrobenzene	9.11	77	276746	42.072	ng	99
25) Isophorone	9.64	82	534251	42.540	ng	100
26) 2-Nitrophenol	9.82	139	154156	45.165	ng	98
27) 2,4-Dimethylphenol	9.89	122	256016	53.137	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	340628	40.658	ng	100
29) 2,4-Dichlorophenol	10.36	162	265223	45.525	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	269495	40.342	ng	99
31) Naphthalene	10.76	128	781427	42.340	ng	100
32) Benzoic acid	10.05	122	123360	41.566	ng	92
33) 4-Chloroaniline	10.87	127	195766	23.323	ng	98
34) Hexachlorobutadiene	11.06	225	158157	38.476	ng	98
35) Caprolactam	11.64	113	92816m	43.491	ng	
36) 4-Chloro-3-methylphenol	12.00	107	270364	44.263	ng	99
37) 2-Methylnaphthalene	12.37	142	577330	42.132	ng	99
38) 1-Methylnaphthalene	12.59	142	554036	42.885	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	288053	40.023	ng	99

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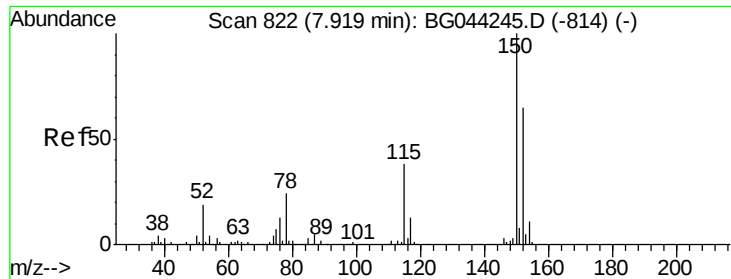
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	309229	89.542	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	206687	44.429	ng	98
44) 2,4,5-Trichlorophenol	13.06	196	221232	46.559	ng	97
46) 1,1'-Biphenyl	13.38	154	728518	41.978	ng	99
47) 2-Chloronaphthalene	13.43	162	567478	41.091	ng	99
48) 2-Nitroaniline	13.63	65	163543	40.127	ng	94
49) Acenaphthylene	14.27	152	884986	43.690	ng	99
50) Dimethylphthalate	14.01	163	712740	41.210	ng	100
51) 2,6-Dinitrotoluene	14.12	165	163291	42.344	ng	98
52) Acenaphthene	14.62	154	547429	41.695	ng	98
53) 3-Nitroaniline	14.45	138	114145	26.755	ng	97
54) 2,4-Dinitrophenol	14.66	184	195959	85.210	ng	99
55) Dibenzofuran	14.95	168	845854	42.552	ng	99
56) 4-Nitrophenol	14.78	139	301620	96.514	ng	99
57) 2,4-Dinitrotoluene	14.91	165	224504	41.538	ng	98
58) Fluorene	15.60	166	657161	41.973	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	190218	44.319	ng	99
60) Diethylphthalate	15.38	149	710880	41.250	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	347392	40.922	ng	99
62) 4-Nitroaniline	15.62	138	163481	38.348	ng	96
63) Azobenzene	15.89	77	638095	42.247	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	140321	49.980	ng	97
66) n-Nitrosodiphenylamine	15.81	169	621033	43.570	ng	98
67) 4-Bromophenyl-phenylether	16.49	248	227778	41.106	ng	99
68) Hexachlorobenzene	16.61	284	246777	39.751	ng	98
69) Atrazine	16.76	200	232671	47.625	ng	97
70) Pentachlorophenol	16.95	266	281985	89.437	ng	96
71) Phenanthrene	17.34	178	1041295	42.279	ng	99
72) Anthracene	17.43	178	1072624	44.051	ng	99
73) Carbazole	17.70	167	974705	43.422	ng	99
74) Di-n-butylphthalate	18.27	149	1196564	43.135	ng	99
75) Fluoranthene	19.35	202	1227088	43.069	ng	99
77) Benzidine	19.53	184	372465	30.421	ng	98
78) Pyrene	19.71	202	1238486	43.689	ng	99
80) Butylbenzylphthalate	20.61	149	548095	42.427	ng	98
81) Benzo(a)anthracene	21.53	228	1165531	42.843	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	381466	36.129	ng	98
83) Chrysene	21.59	228	1122878	42.701	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	762495	42.882	ng	99
85) Di-n-octyl phthalate	22.62	149	1358242	44.148	ng	99
86) Indeno(1,2,3-cd)pyrene	28.16	276	1415435	41.258	ng	99
88) Benzo(b)fluoranthene	23.67	252	1240031	50.743	ng	99
89) Benzo(k)fluoranthene	23.73	252	1210474	50.823	ng	99
90) Benzo(a)pyrene	24.50	252	1135960	49.165	ng	98
91) Dibenzo(a,h)anthracene	28.21	278	1169394	51.140	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1194063	52.163	ng	97

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



#1

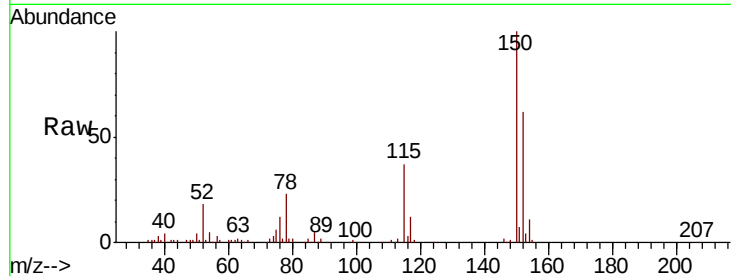
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	122.6	183.8
115	59.7	46.0	69.0

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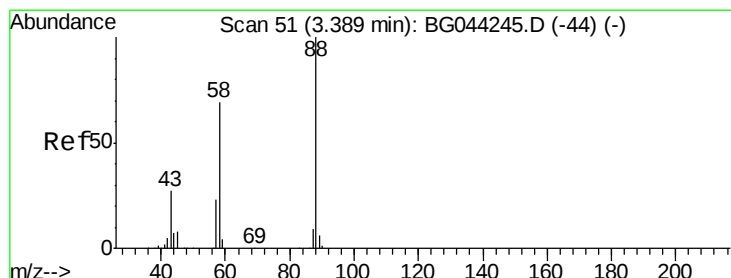
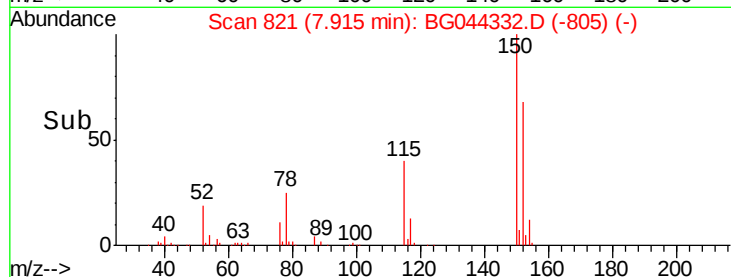
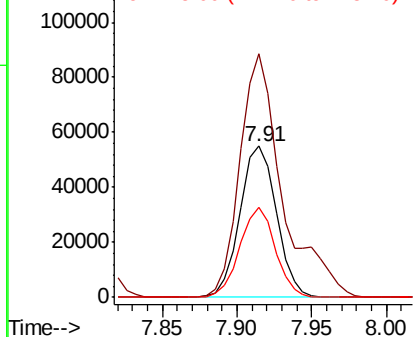


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

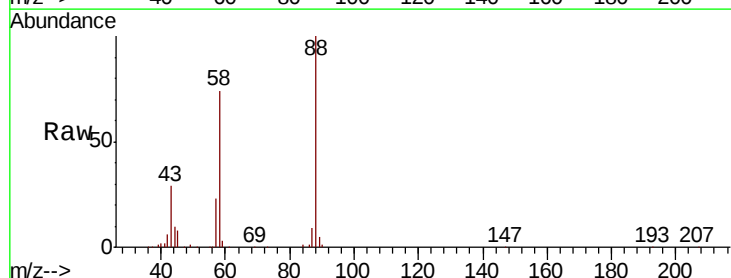
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 58.152 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	55.8	83.6
43	26.6	21.6	32.4

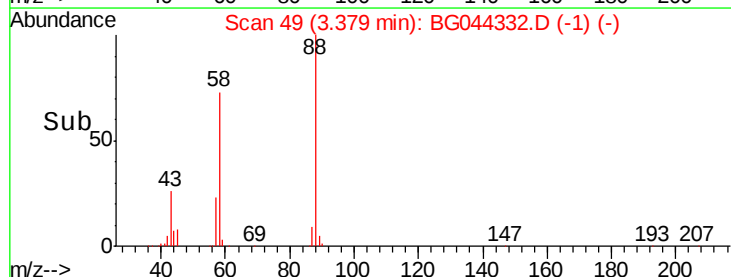
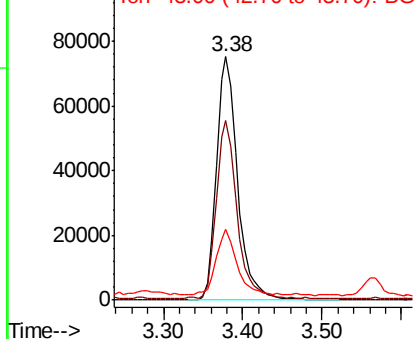


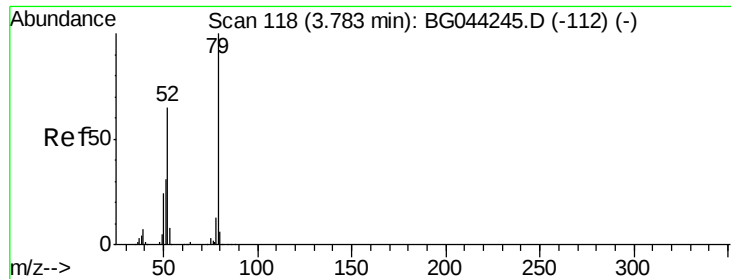
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.442 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

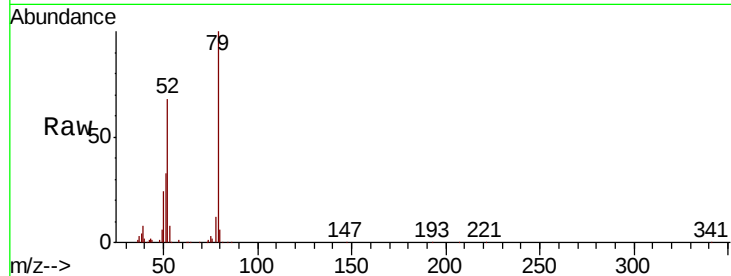
ClientSampleId :

PB126601BS

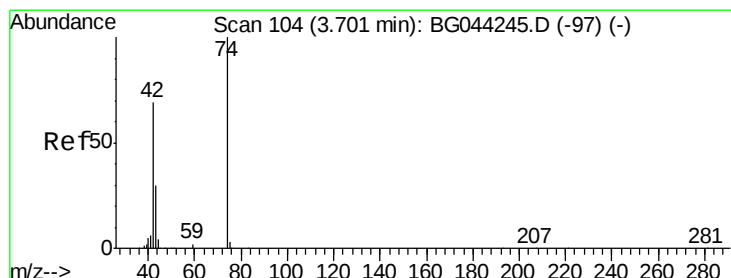
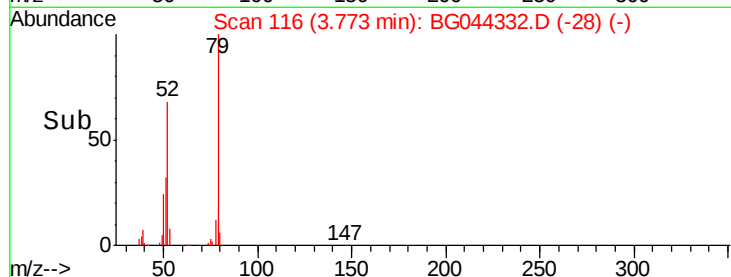
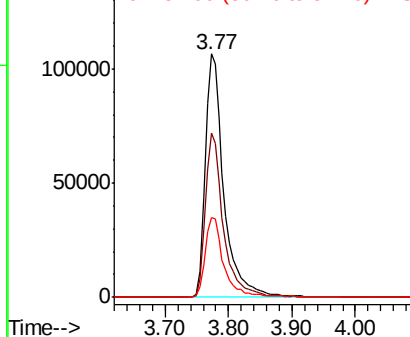
Tot Ion	Ratio	Lower	Upper
79	100		
52	67.6	51.9	77.9
51	32.6	25.3	37.9

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.976 ng

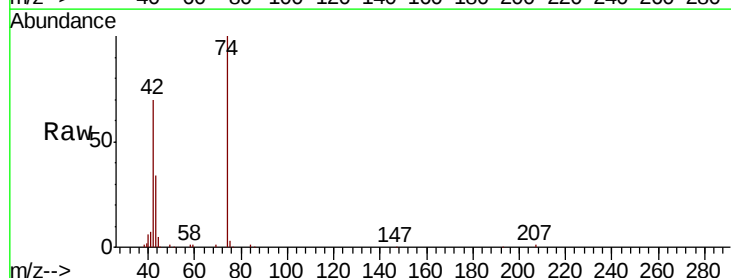
RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

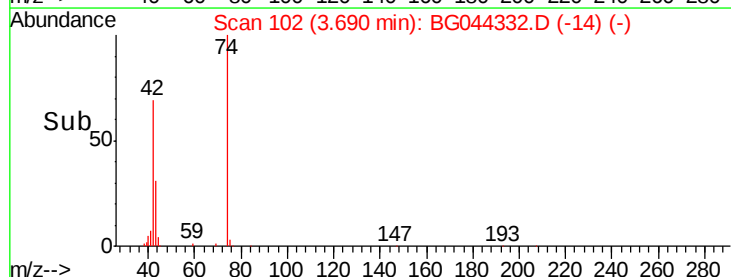
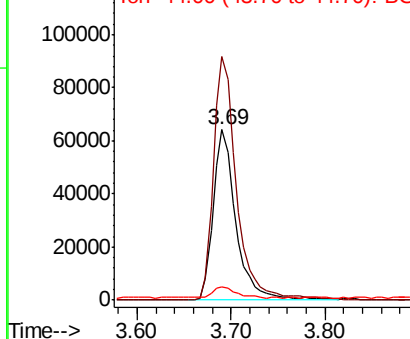
Lab File: BG044332.D

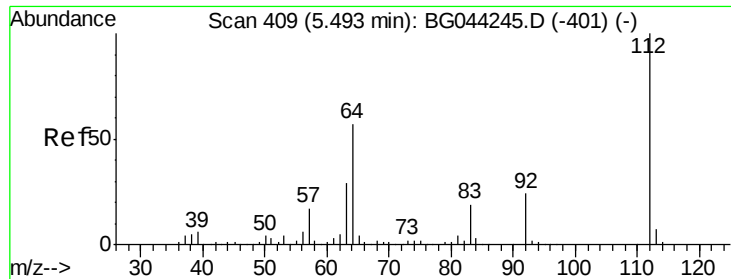
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.2	115.1	172.7
44	7.6	5.6	8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.886 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

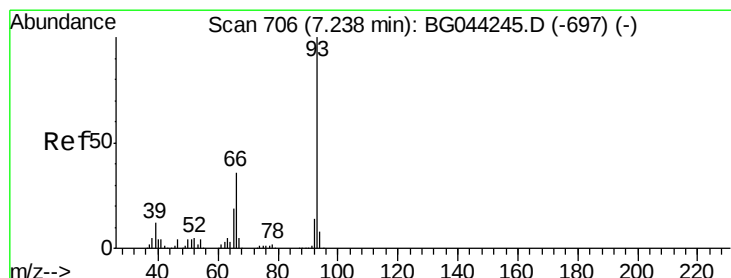
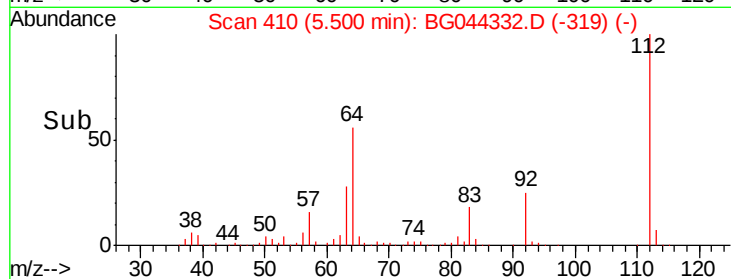
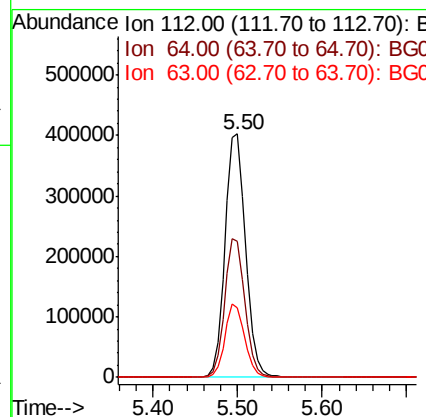
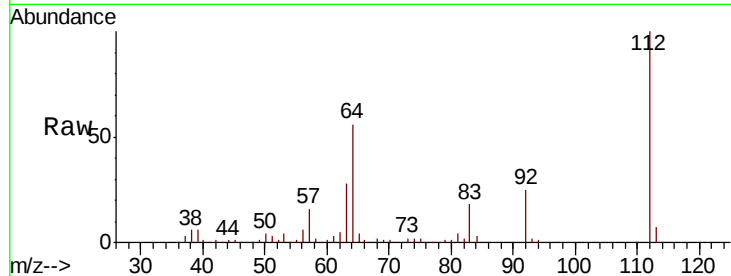
ClientSampled :

PB126601BS

Tot Ion:	112	Resp:	681146
Ion Ratio	Lower	Upper	
112	100		
64	56.0	45.4	68.2
63	28.3	22.9	34.3

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#6

Aniline

Concen: 33.379 ng

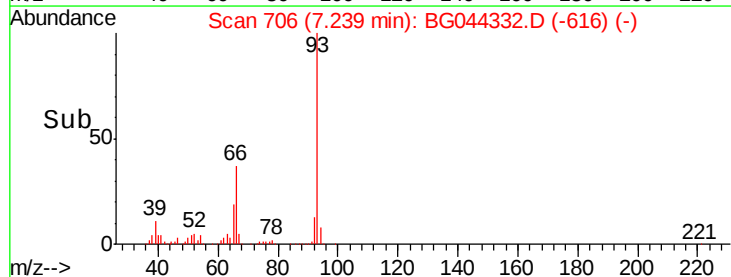
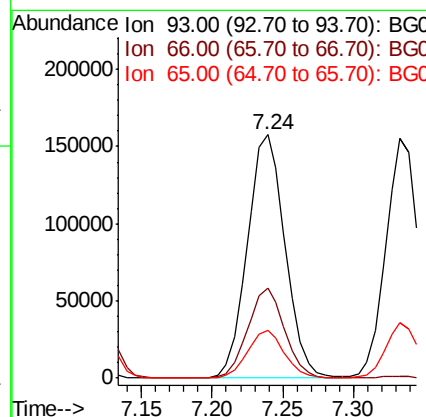
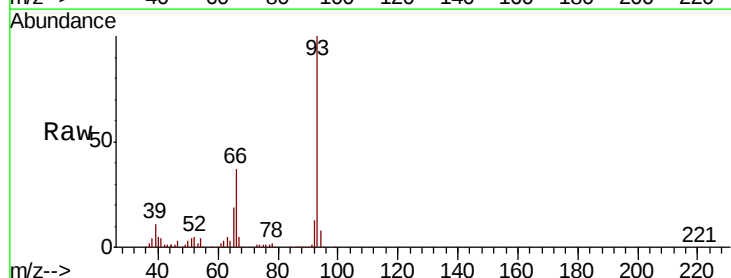
RT: 7.24 min Scan# 706

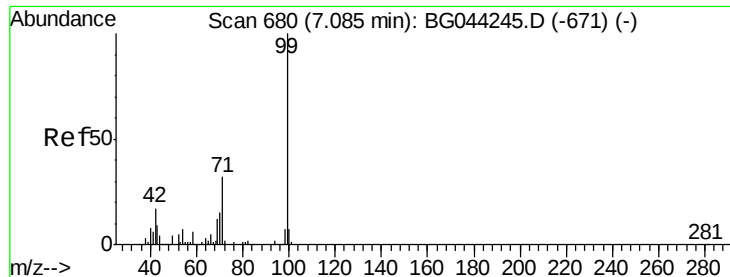
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:	93	Resp:	294039
Ion Ratio	Lower	Upper	
93	100		
66	36.8	28.7	43.1
65	19.4	15.4	23.0





#7

Phenol-d6

Concen: 124.201 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

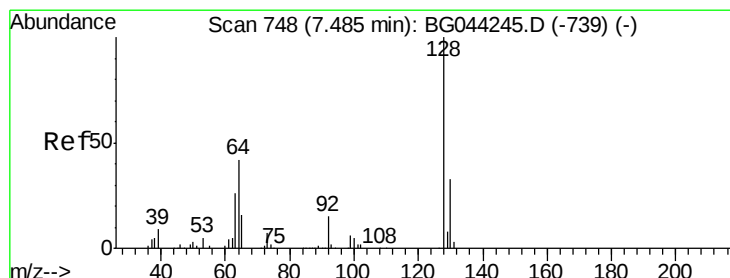
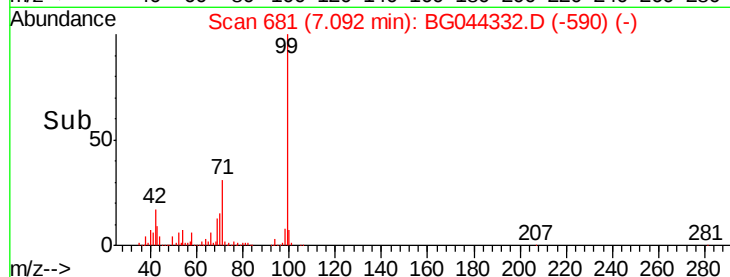
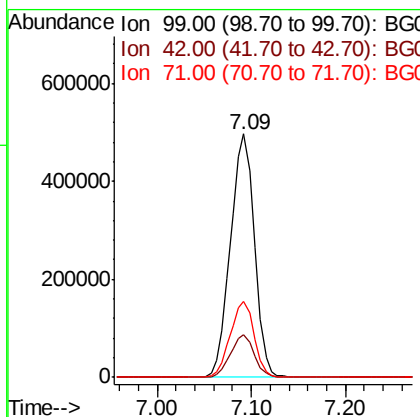
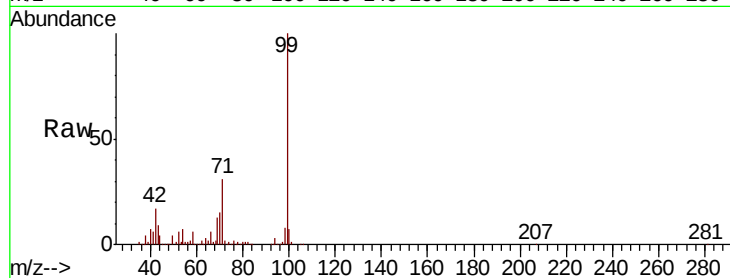
ClientSampleId :

PB126601BS

Tot Ion:	99	Resp:	881434
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	31.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.754 ng

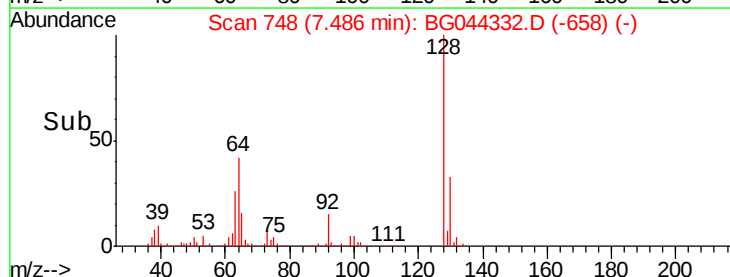
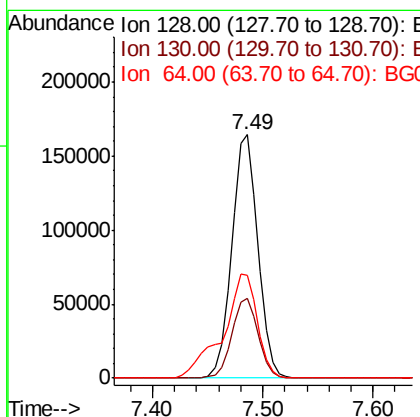
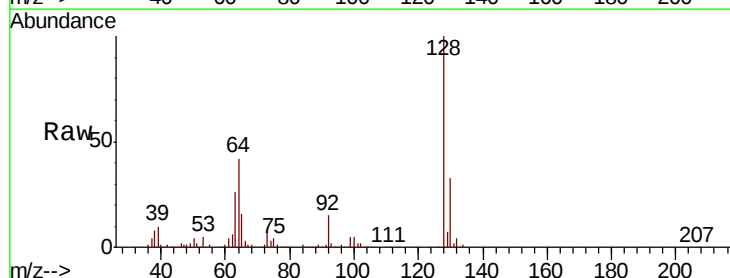
RT: 7.49 min Scan# 748

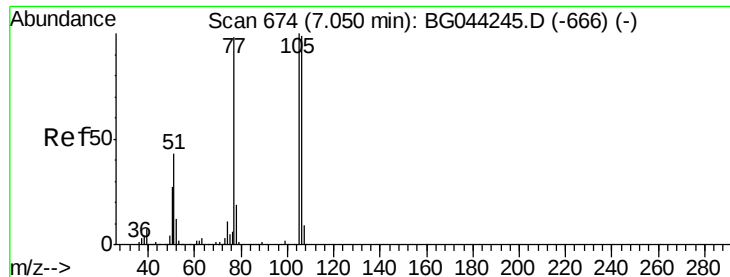
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:	128	Resp:	271557
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	42.2	24.2	64.2





#9

Benzaldehyde

Concen: 27.555 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

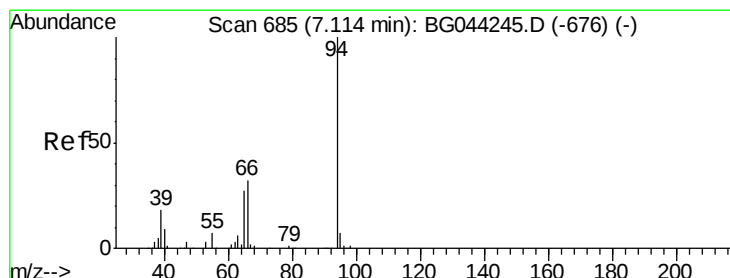
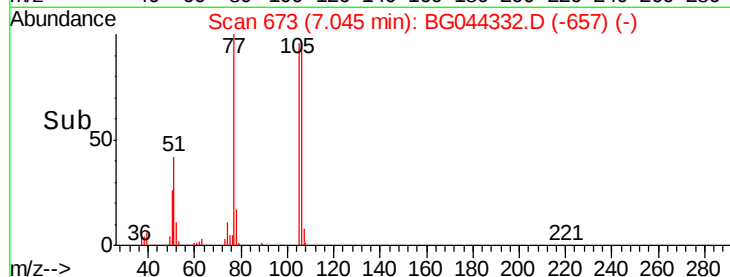
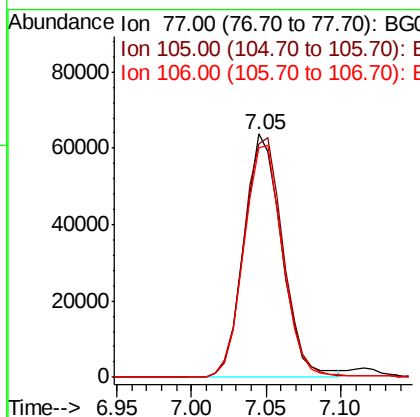
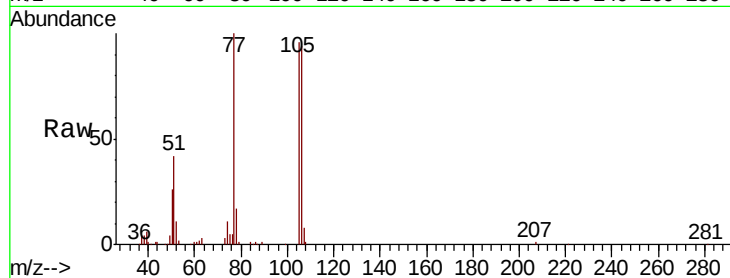
ClientSampleId :

PB126601BS

Tot Ion:	77	Resp:	111373
Ion	Ratio	Lower	Upper
77	100		
105	95.9	82.0	122.0
106	94.4	80.7	120.7

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#10

Phenol

Concen: 46.759 ng

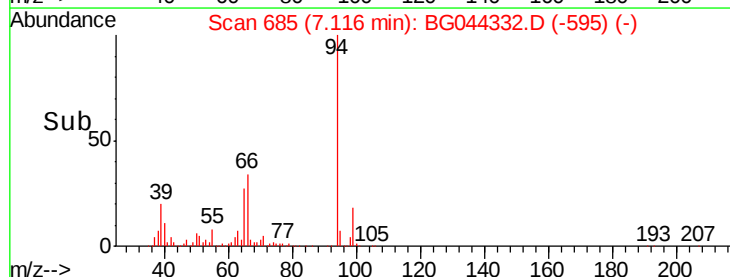
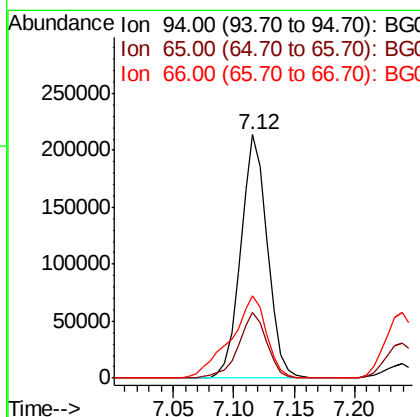
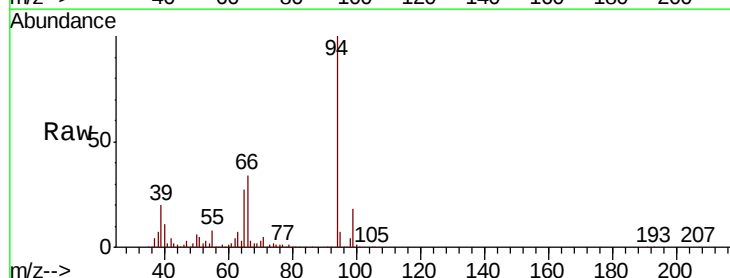
RT: 7.12 min Scan# 685

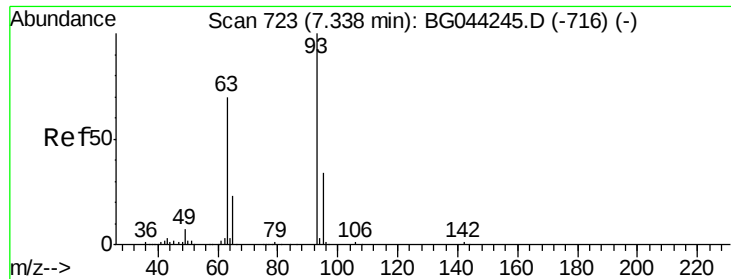
Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:	94	Resp:	328408
Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.0	47.0
66	34.1	12.7	52.7





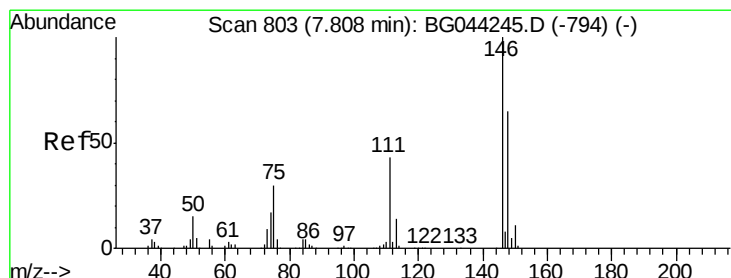
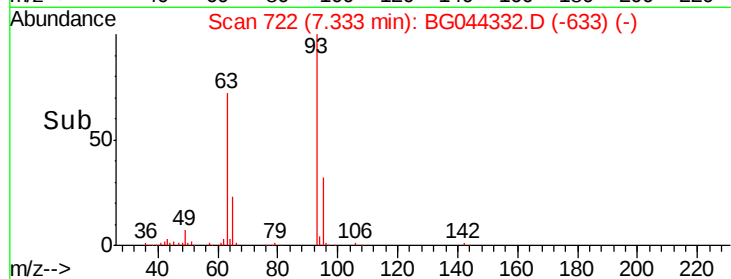
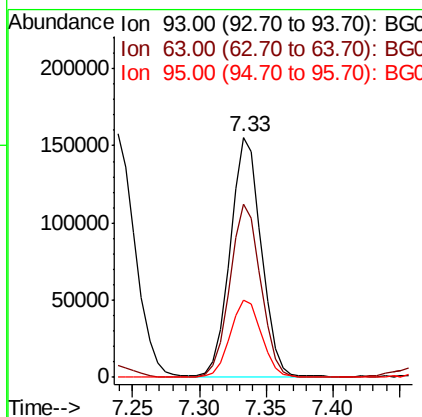
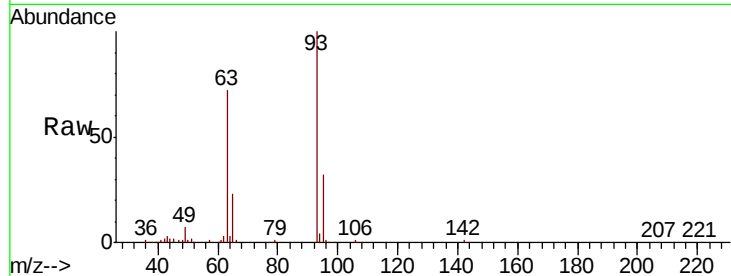
#11
bis(2-Chloroethyl)ether
Concen: 41.778 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	93	Resp	250859
Ion Ratio	100	Lower	Upper
93	100		
63	71.9	49.2	89.2
95	32.2	13.6	53.6

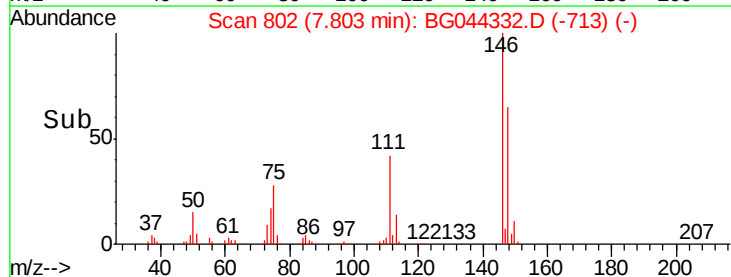
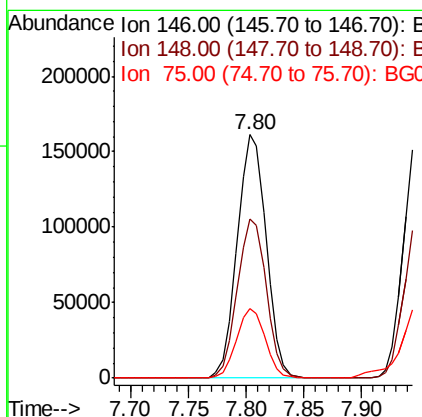
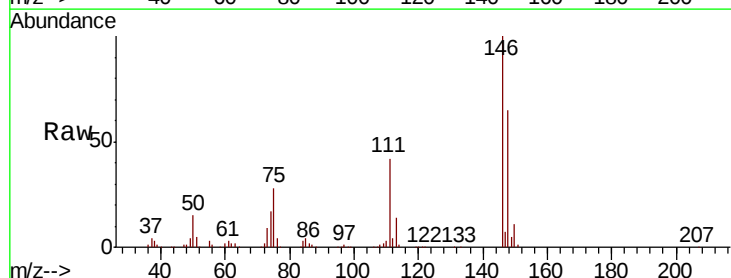
Manual Integrations
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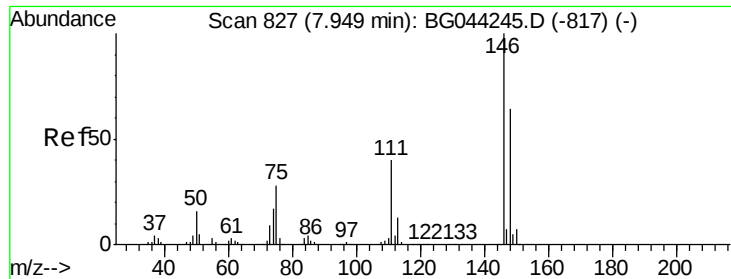
mohammad
2/11/2020 8:25:46 AM



#12
1,3-Dichlorobenzene
Concen: 40.459 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	146	Resp	280579
Ion Ratio	100	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	28.4	23.7	35.5





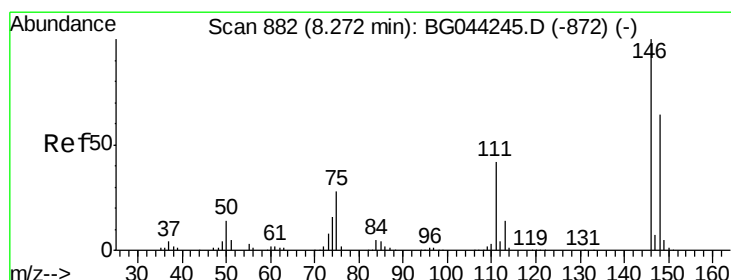
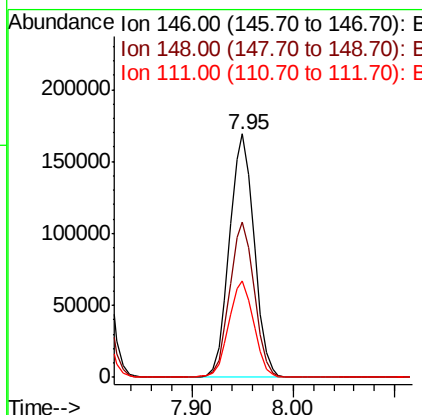
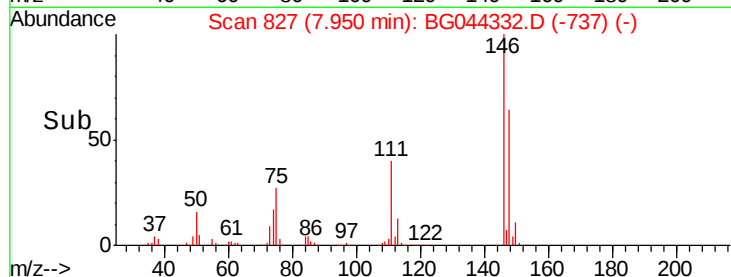
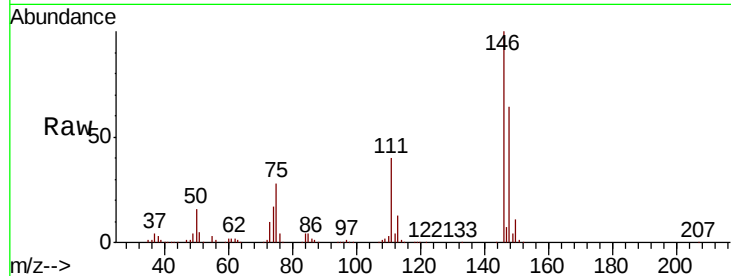
#13
 1,4-Dichlorobenzene
 Concen: 41.590 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	39.8	31.8	47.8

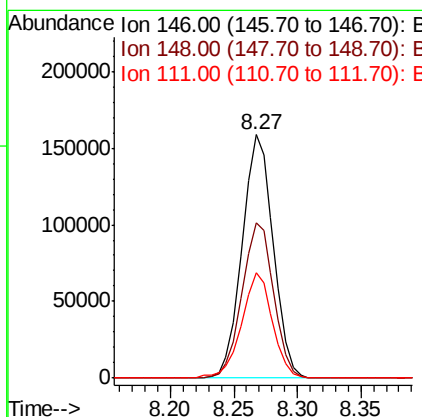
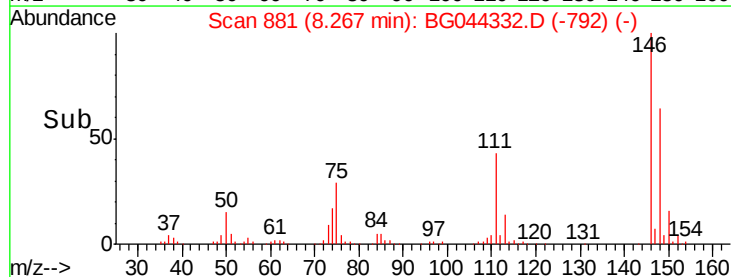
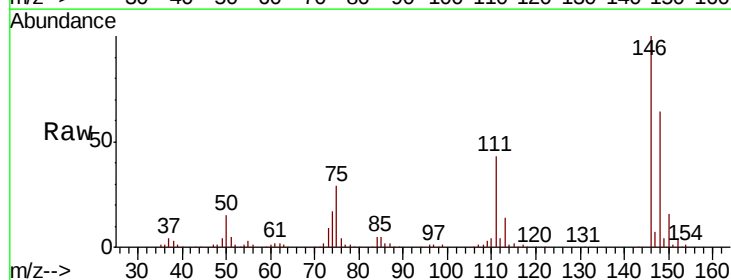
Manual Integrations
 APPROVED

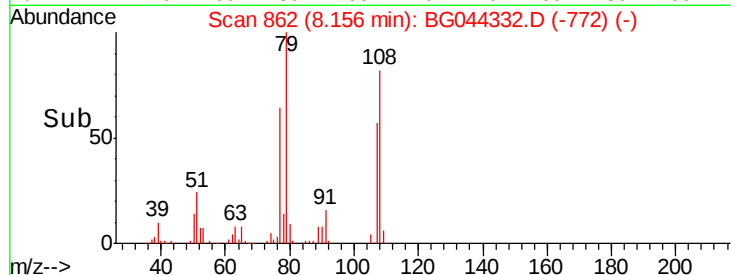
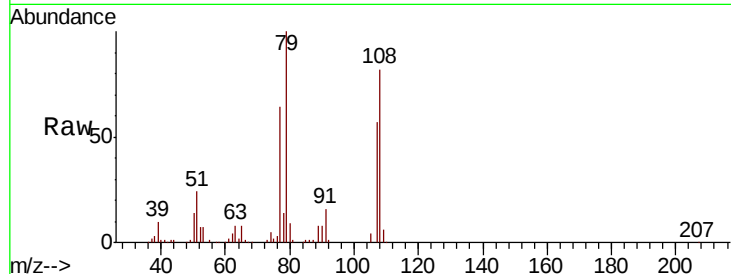
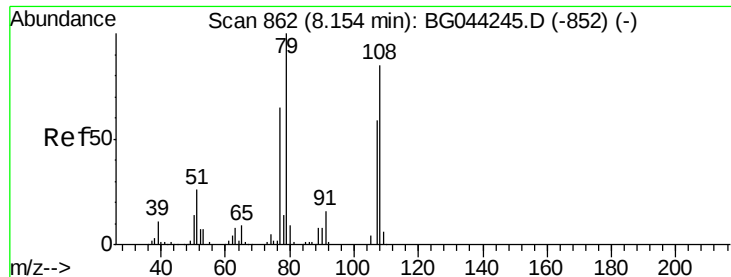
mohammad
 2/11/2020 8:25:46 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.567 ng
 RT: 8.27 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	43.4	34.0	51.0





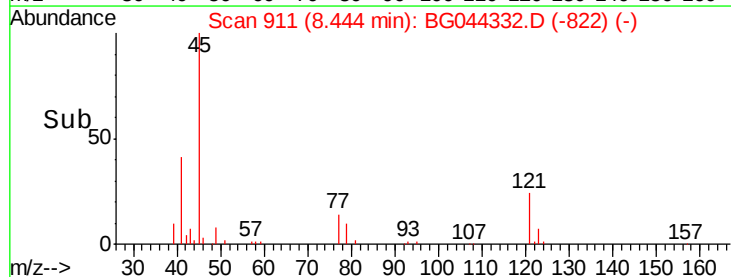
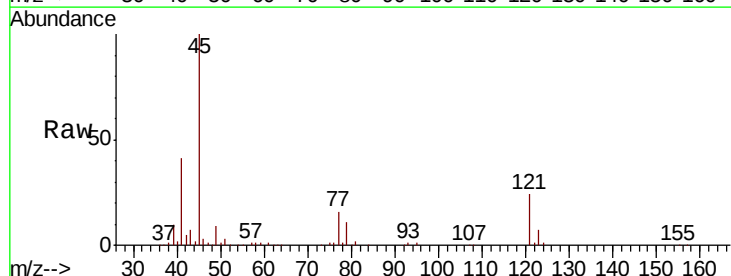
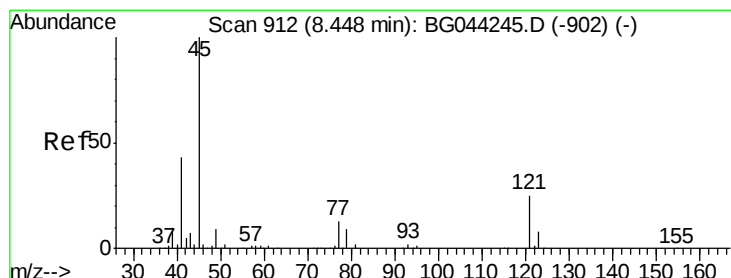
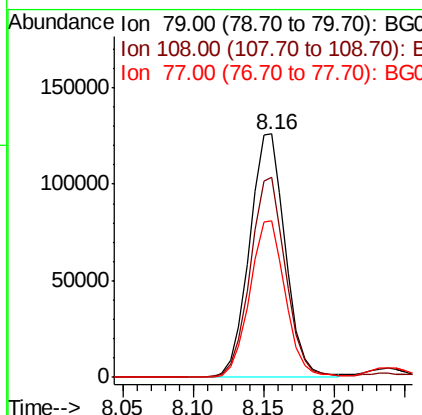
#15
Benzyl Alcohol
Concen: 44.626 ng
RT: 8.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	68.3	102.5
77	64.2	51.8	77.8

Instrument :
BNA_G
ClientSampleId :
PB126601BS

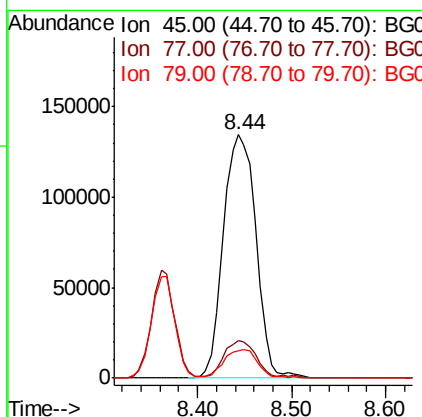
Manual Integrations
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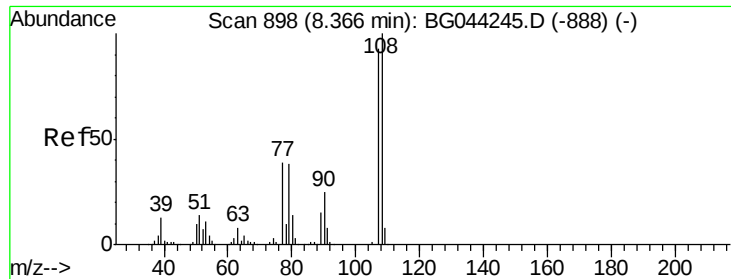
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.917 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.2
79	11.0	0.0	31.1





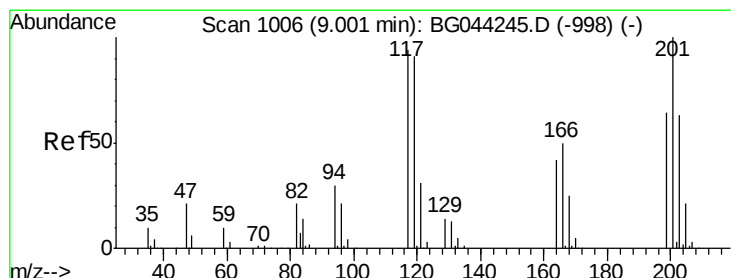
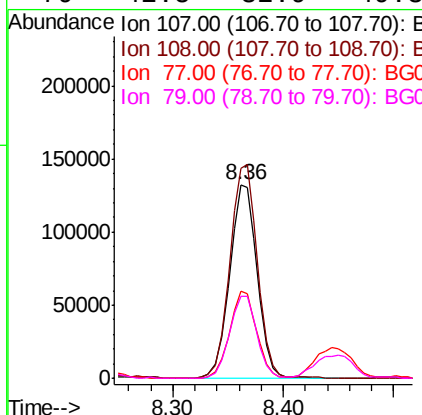
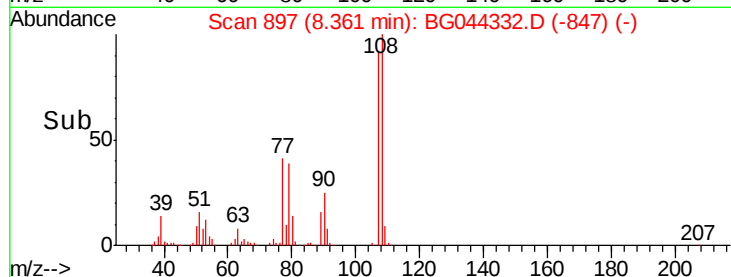
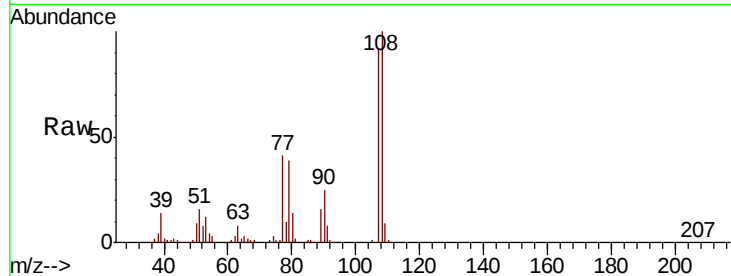
#17
2-Methylphenol
Concen: 46.011 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	86.4	129.6	
77	44.8	34.0	51.0	
79	42.5	32.9	49.3	

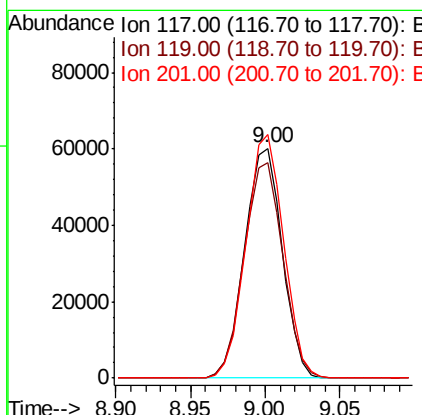
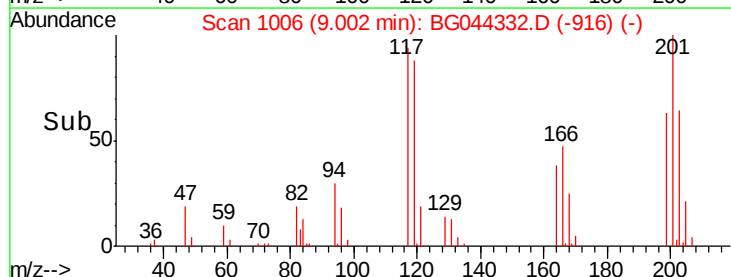
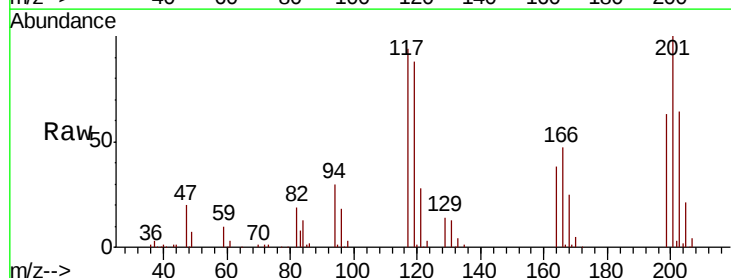
Manual Integrations
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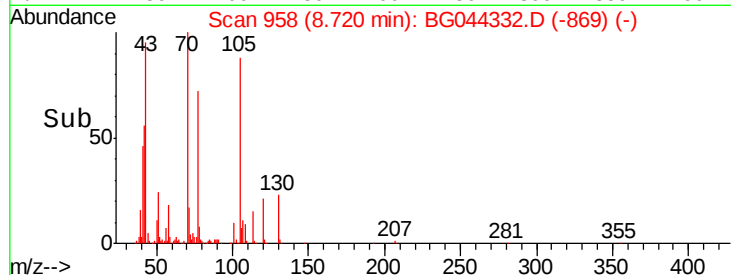
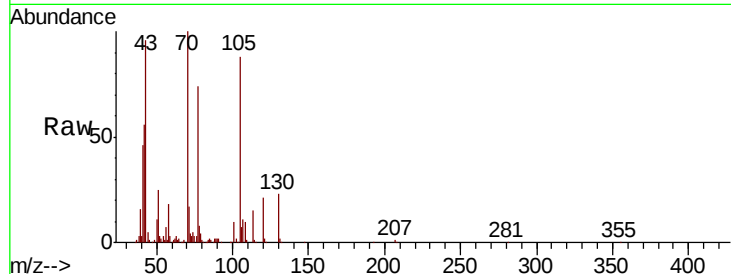
mohammad
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#18
Hexachloroethane
Concen: 40.590 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	77.5	116.3	
201	106.1	84.9	127.3	





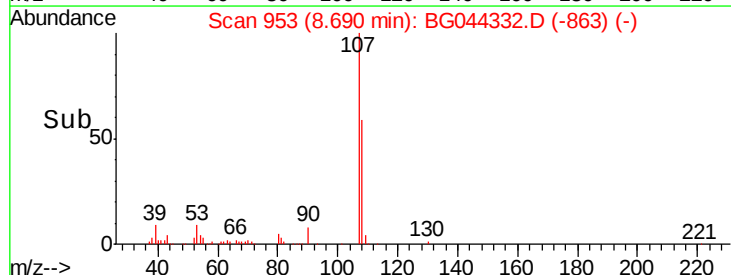
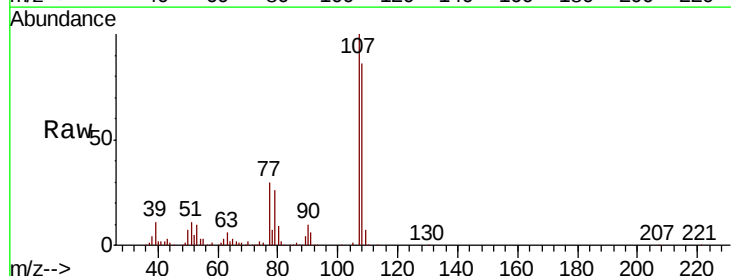
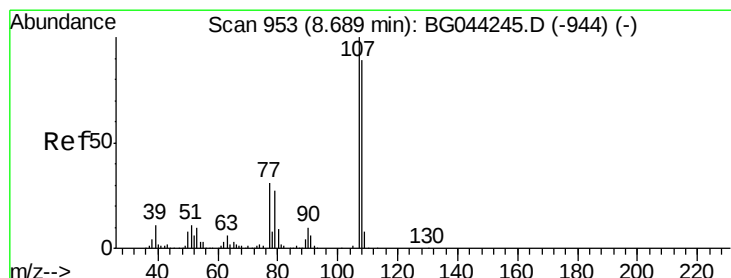
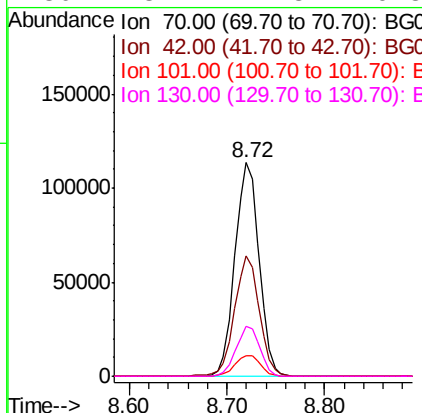
#19
n-Nitroso-di-n-propylamine
Concen: 40.971 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ion	Ratio	Lower	Upper
193781	70	100		
	42	56.3	46.2	69.2
	101	9.7	8.4	12.6
	130	23.2	17.8	26.8

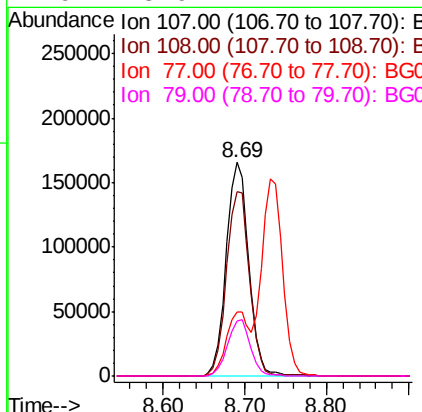
Manual Integrations
APPROVED

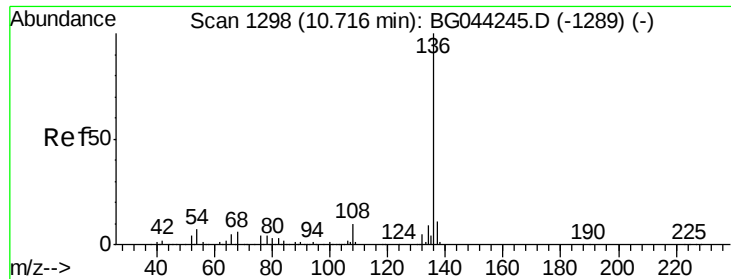
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#20
3+4-Methylphenols
Concen: 45.989 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ion	Ratio	Lower	Upper
317605	107	100		
	108	86.4	68.5	108.5
	77	29.9	10.9	50.9
	79	25.9	7.1	47.1





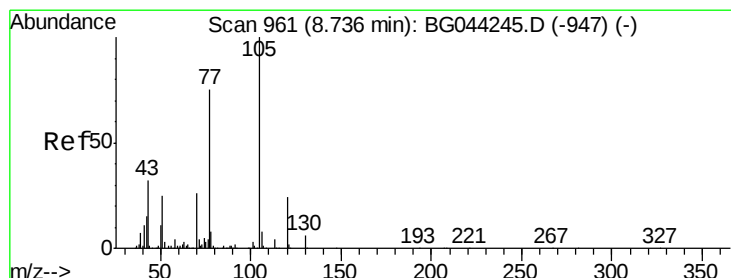
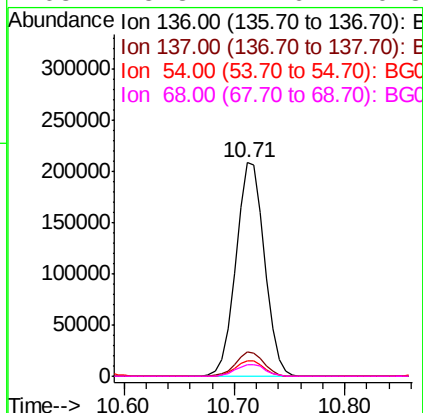
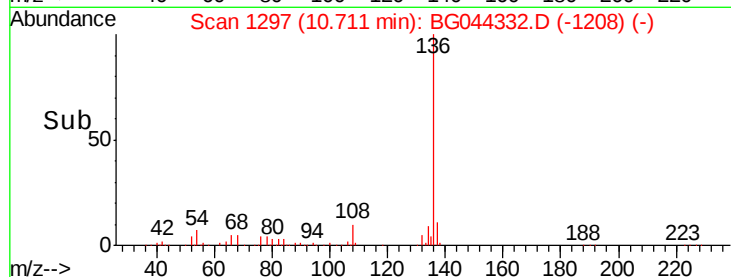
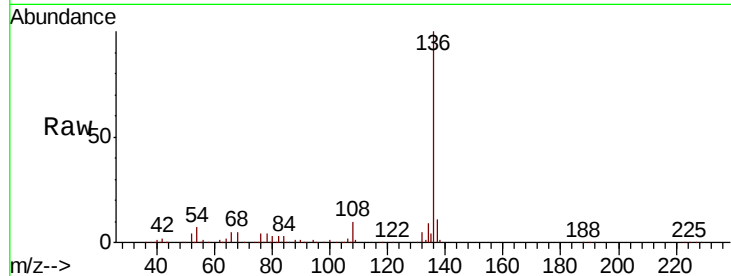
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	7.5	5.8	8.8	
68	5.3	4.6	6.8	

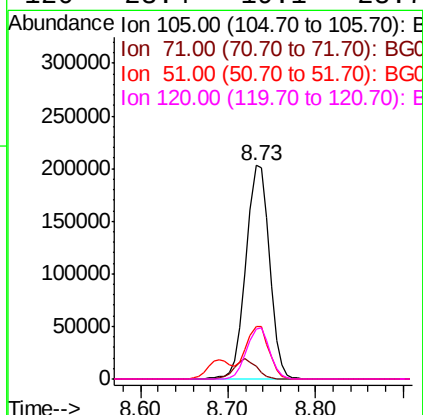
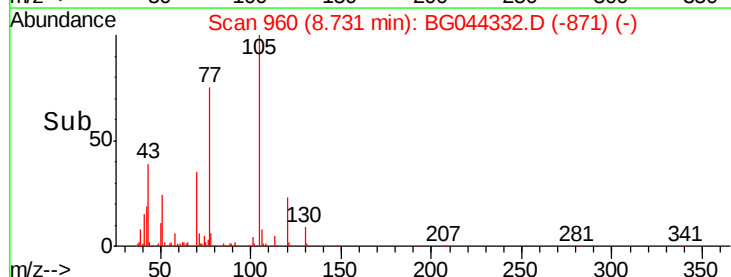
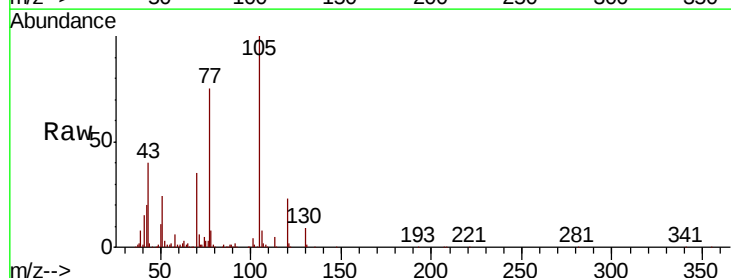
Manual Integrations
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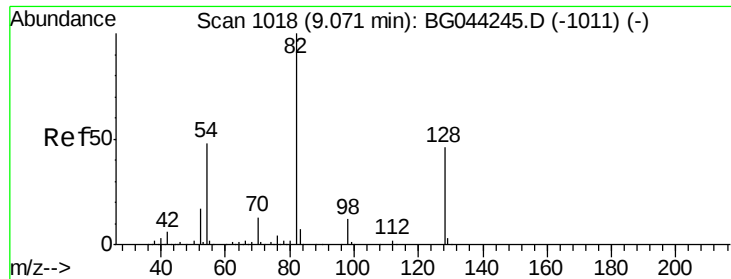
mohammad
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#22
Acetophenone
Concen: 39.765 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.9	3.4	5.0#	
51	24.4	20.2	30.4	
120	23.4	19.1	28.7	





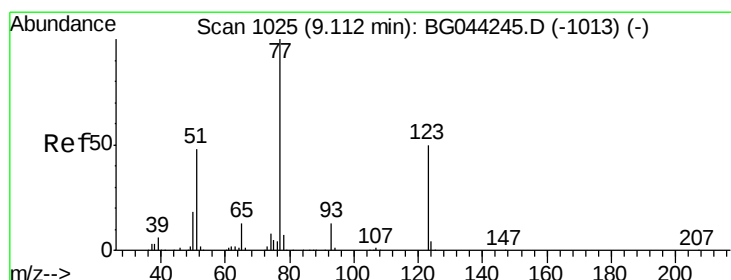
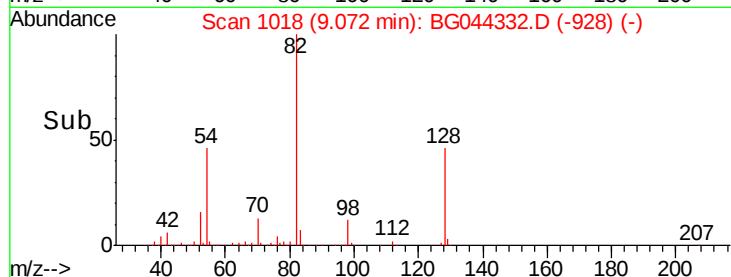
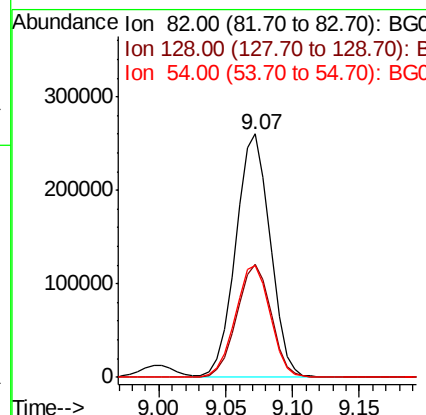
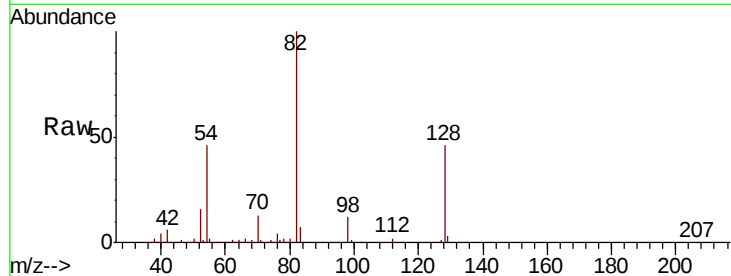
#23
 Nitrobenzene-d5
 Concen: 69.169 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	466054		
128	46.2	36.5	54.7	
54	45.9	38.6	58.0	

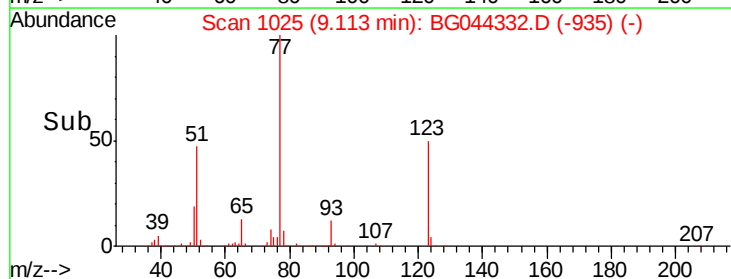
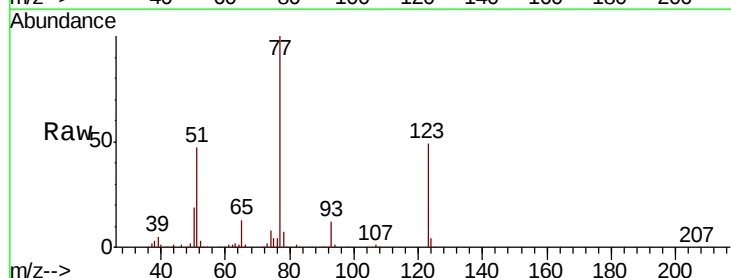
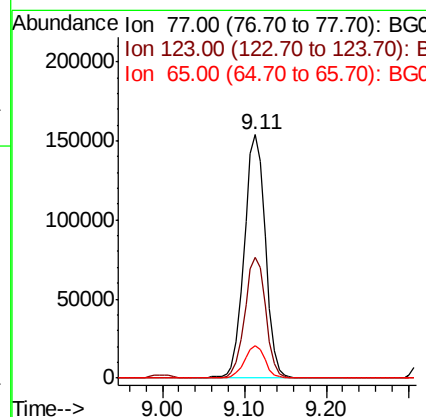
Manual Integrations
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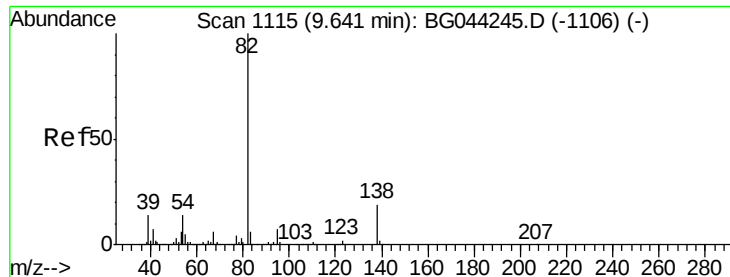
mohammad
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#24
 Nitrobenzene
 Concen: 42.072 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	276746		
123	49.5	39.9	59.9	
65	13.4	10.4	15.6	





#25

Isophorone

Concen: 42.540 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

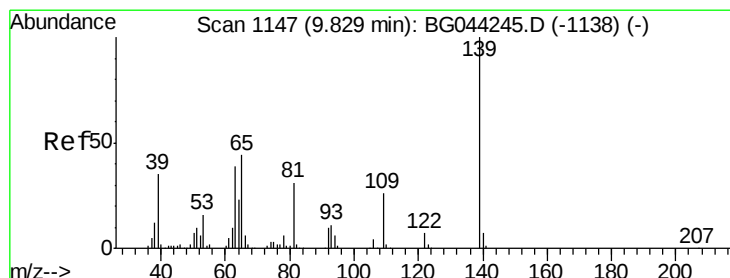
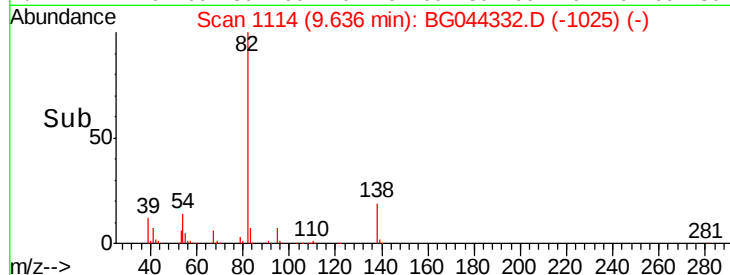
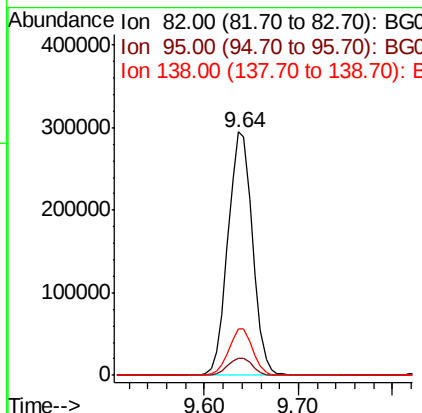
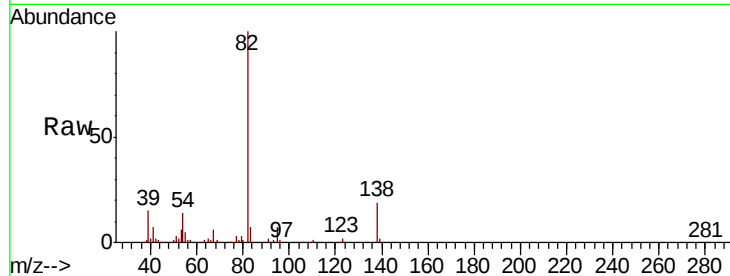
ClientSampleId :

PB126601BS

Tot Ion:	82	Resp:	534251
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	18.9	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.165 ng

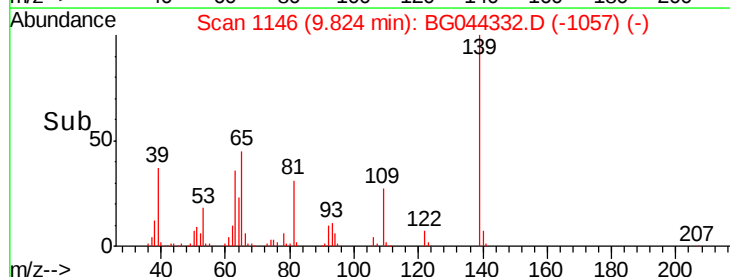
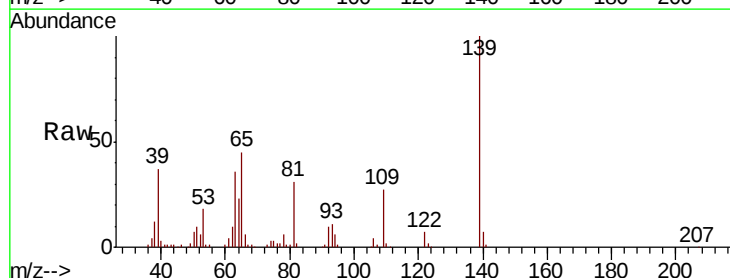
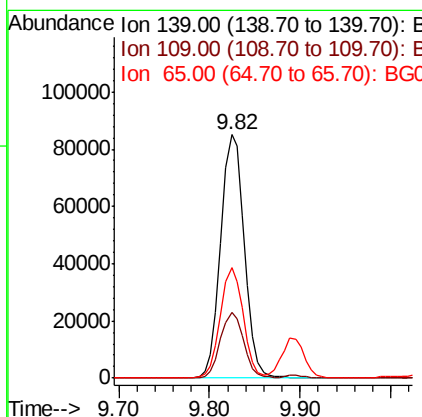
RT: 9.82 min Scan# 1146

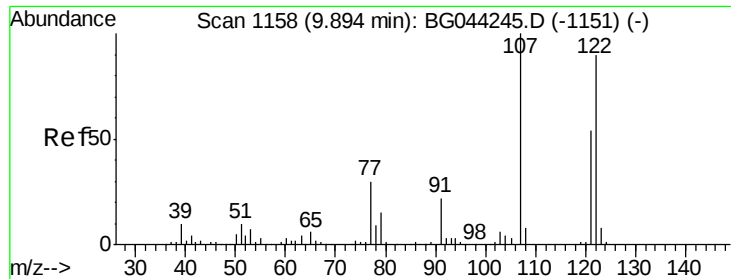
Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:	139	Resp:	154156
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.0	31.4
65	45.3	35.0	52.4





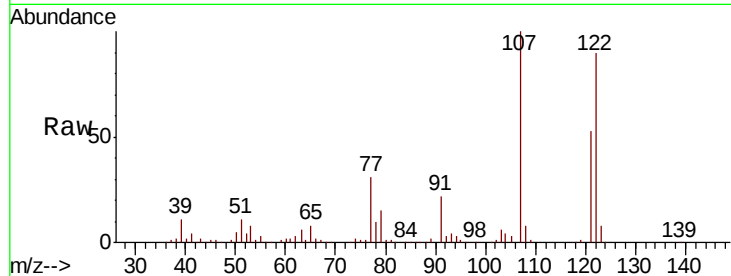
#27
2,4-Dimethylphenol
Concen: 53.137 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	88.8	133.2
121	58.8	48.3	72.5

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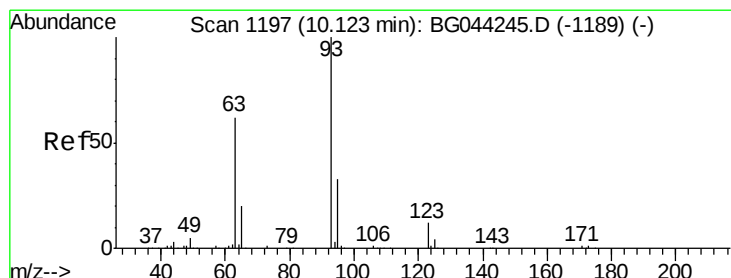
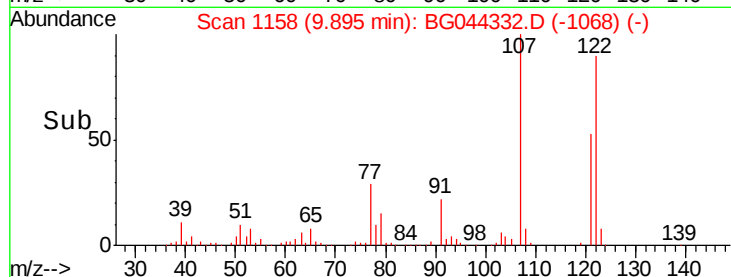
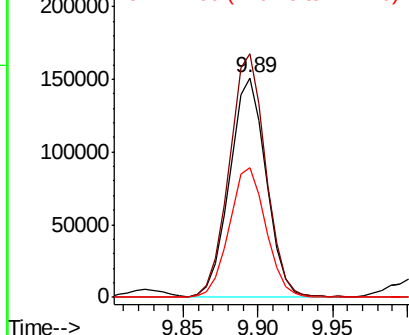


Abundance

Ion 122.00 (121.70 to 122.70): E

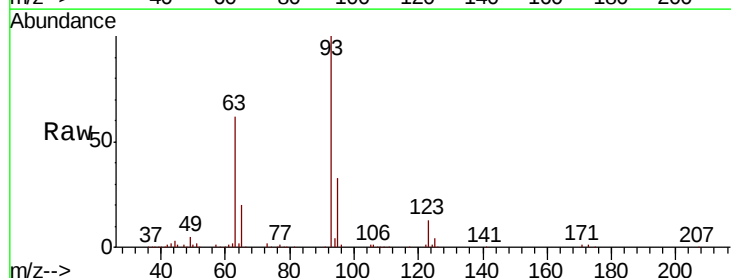
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.658 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	12.5	10.0	15.0

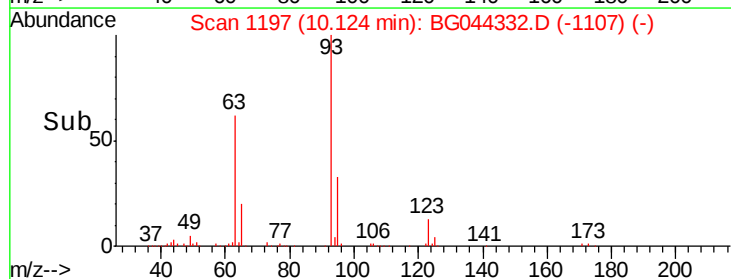
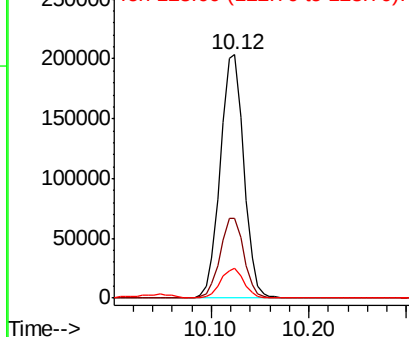


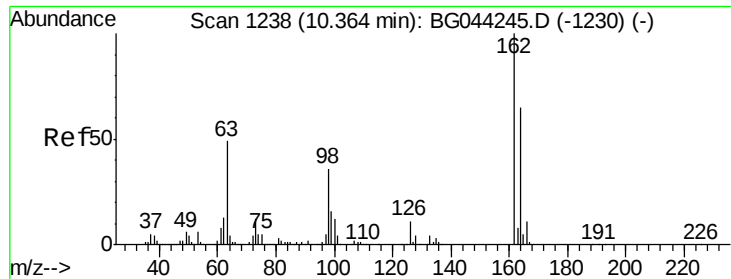
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





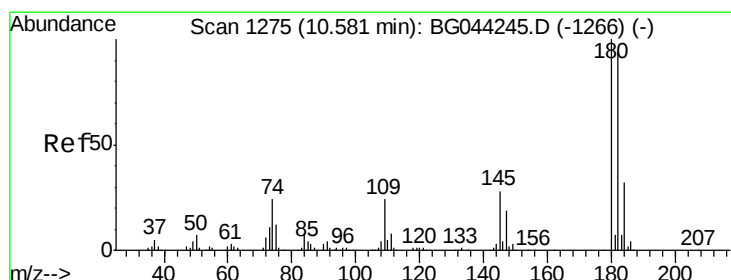
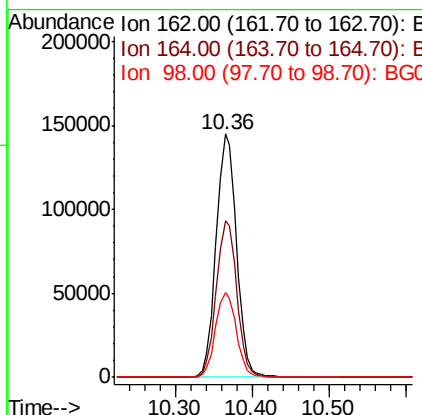
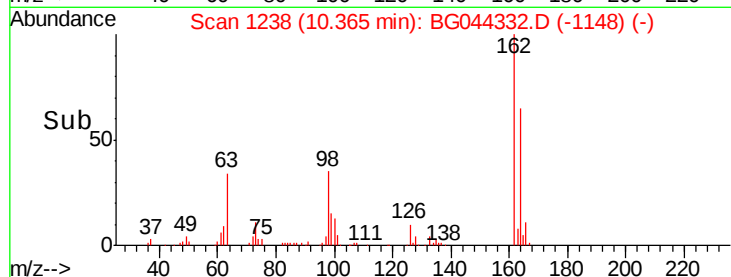
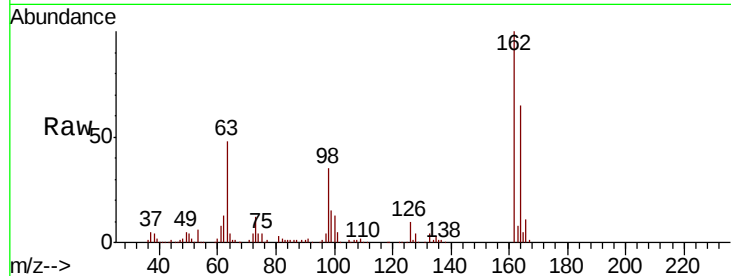
#29
2,4-Dichlorophenol
Concen: 45.525 ng
RT: 10.36 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.7	84.7
98	34.9	15.8	55.8

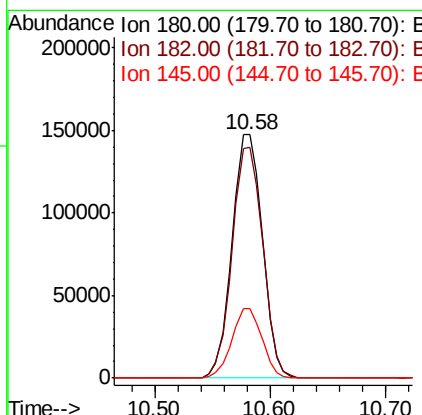
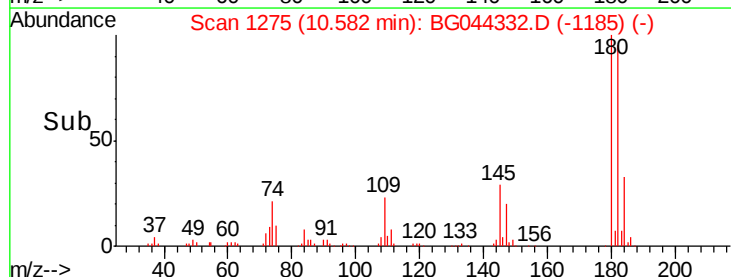
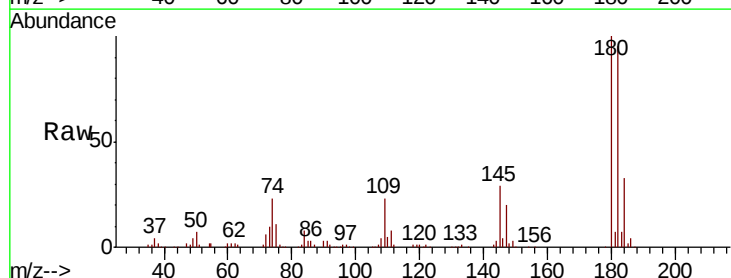
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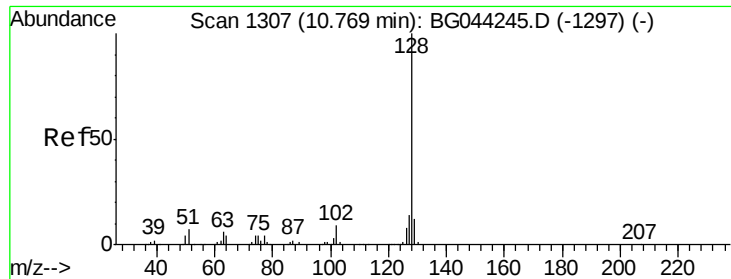
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#30
1,2,4-Trichlorobenzene
Concen: 40.342 ng
RT: 10.58 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.5	113.3
145	28.7	22.6	34.0





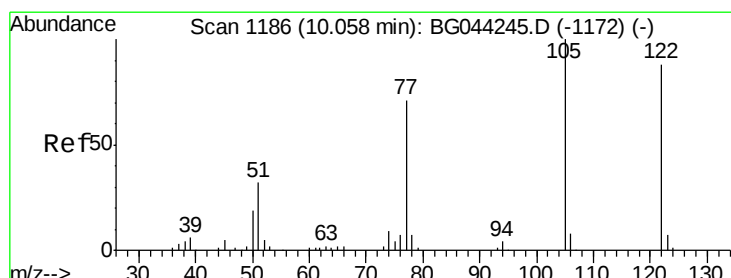
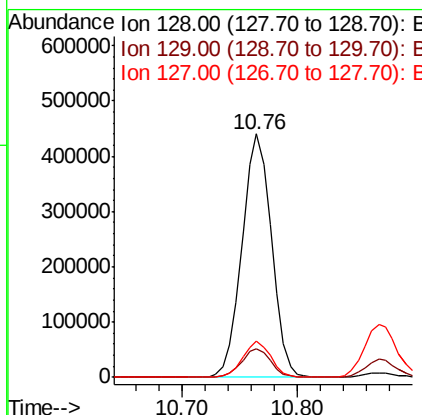
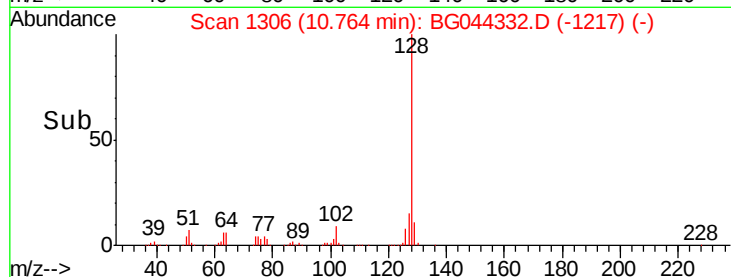
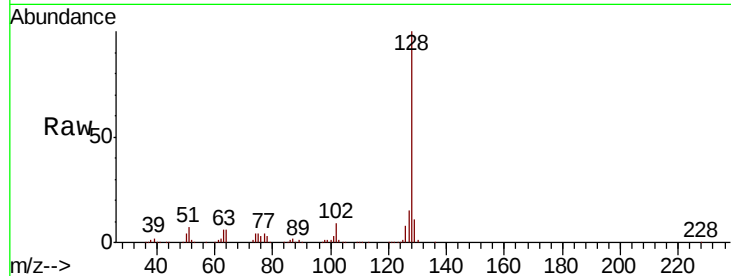
#31
Naphthalene
Concen: 42.340 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
129	11.5	9.3	13.9		
127	14.7	11.6	17.4		

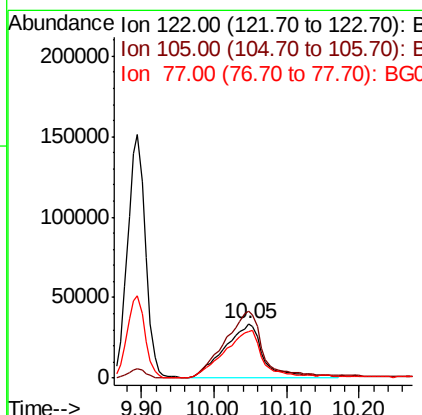
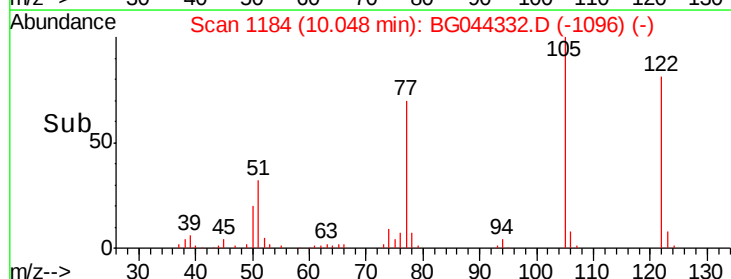
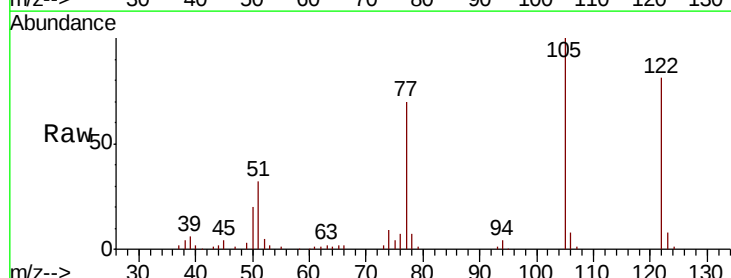
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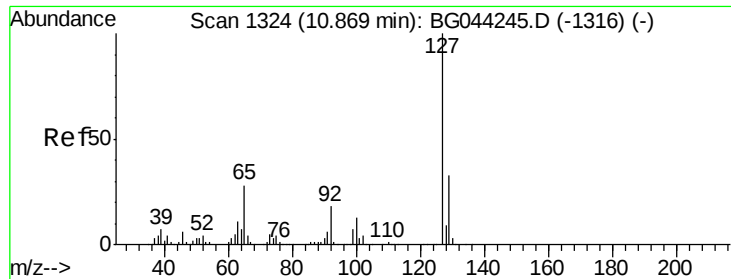
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#32
Benzoic acid
Concen: 41.566 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
105	122.9	93.5	133.5		
77	86.4	61.0	101.0		





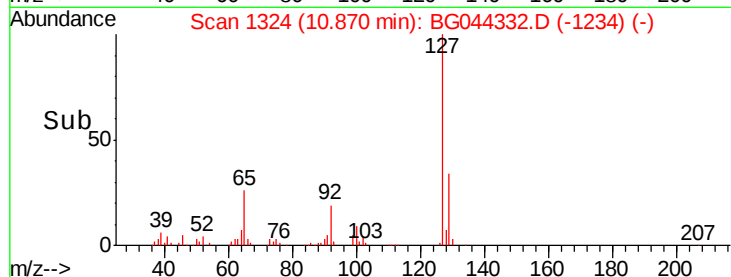
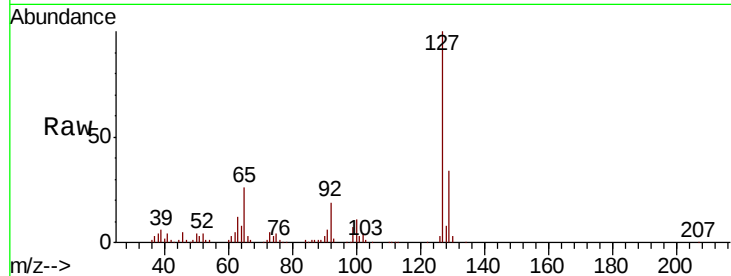
#33
4-Chloroaniline
Concen: 23.323 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

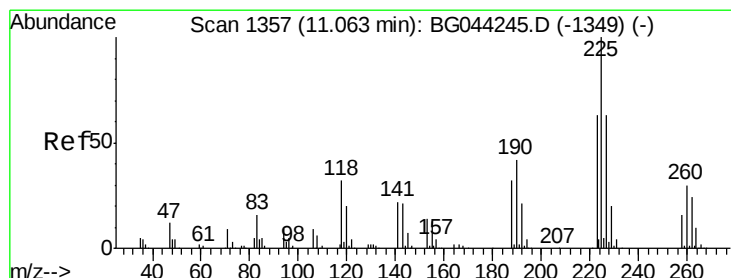
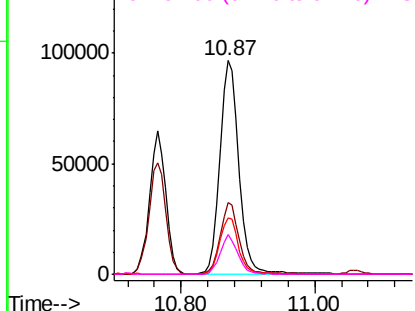
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.6	26.6	40.0	
65	26.4	22.5	33.7	
92	18.9	14.1	21.1	

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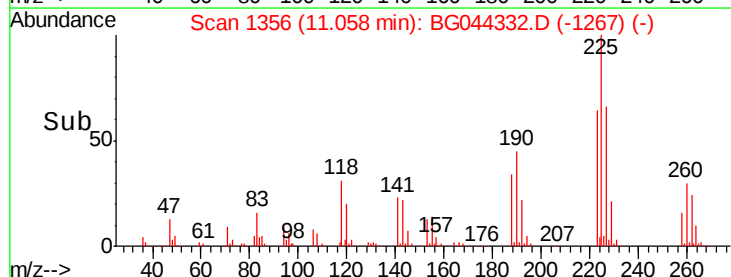
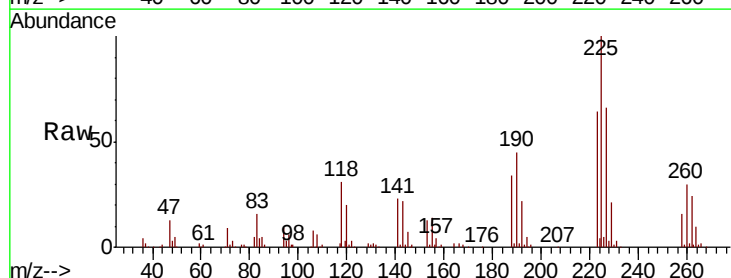


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

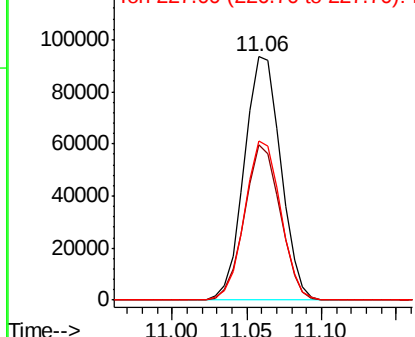


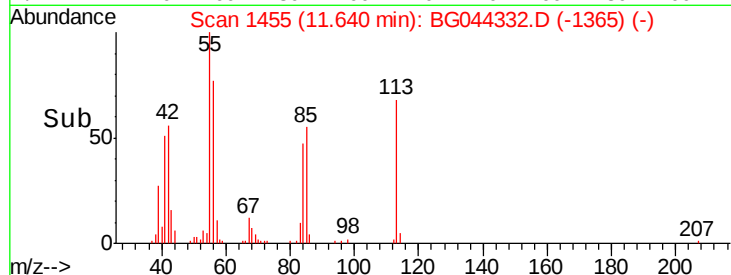
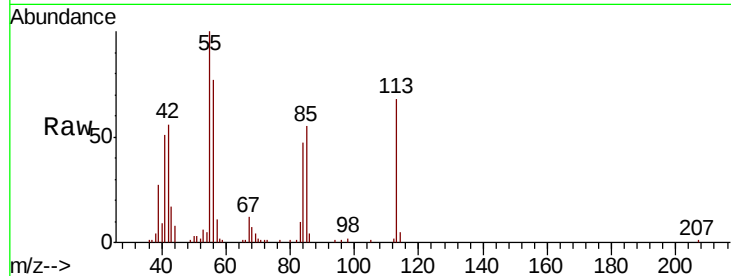
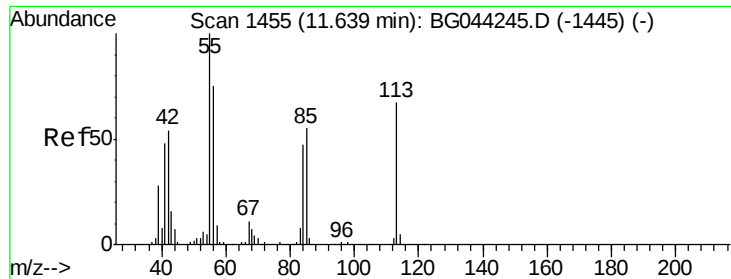
#34
Hexachlorobutadiene
Concen: 38.476 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.2	75.4	
227	65.5	50.8	76.2	



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.491 ng/mL

RT: 11.64 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion:113 Resp: 92816

Ion Ratio Lower Upper

113 100

55 147.3 129.9 169.9

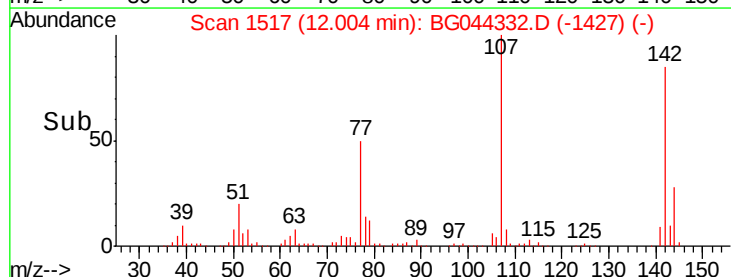
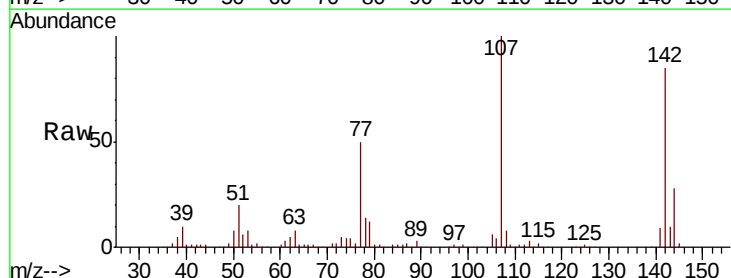
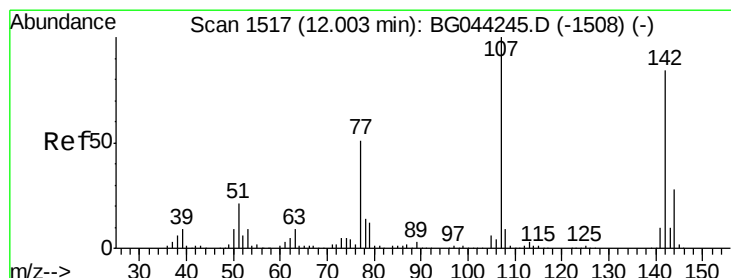
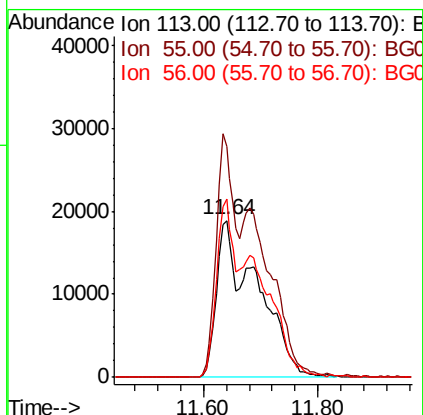
56 113.7 92.5 132.5

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#36

4-Chloro-3-methylphenol

Concen: 44.263 ng/mL

RT: 12.00 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

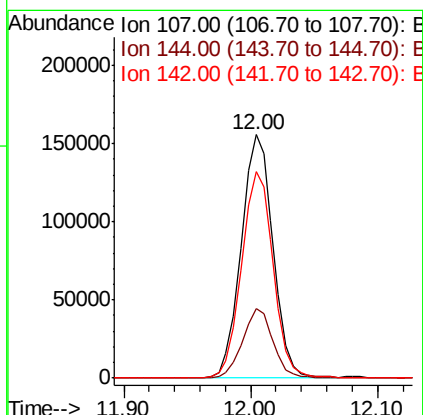
Tgt Ion:107 Resp: 270364

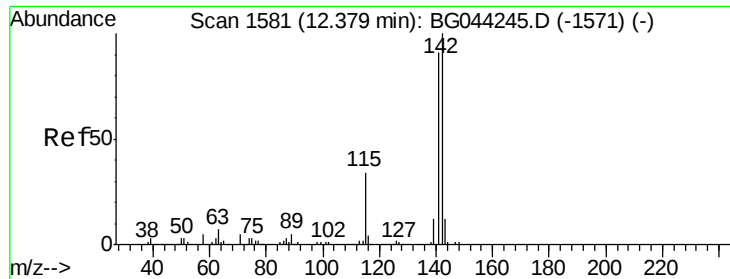
Ion Ratio Lower Upper

107 100

144 28.5 22.2 33.4

142 84.6 67.4 101.0





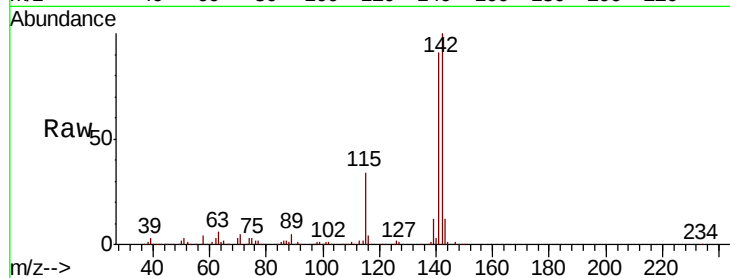
#37
2-Methylnaphthalene
Concen: 42.132 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8
115	33.8	27.1	40.7

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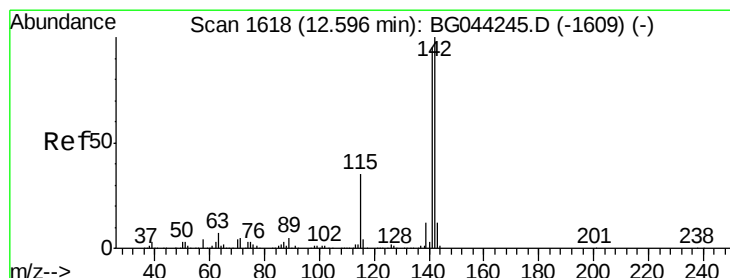
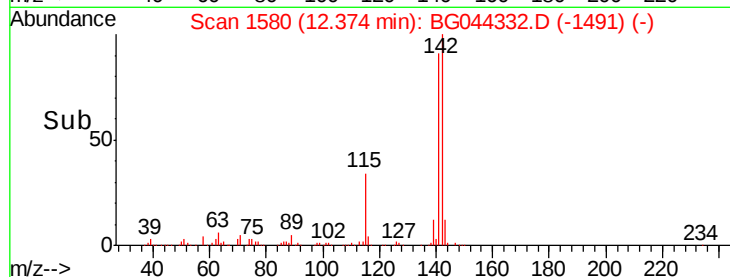
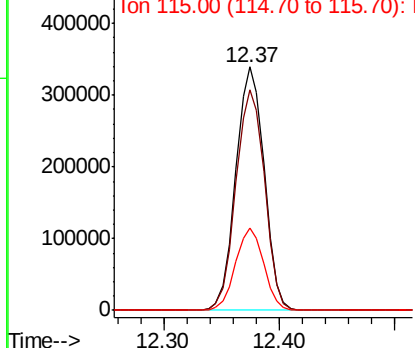


Abundance

Ion 142.00 (141.70 to 142.70): E

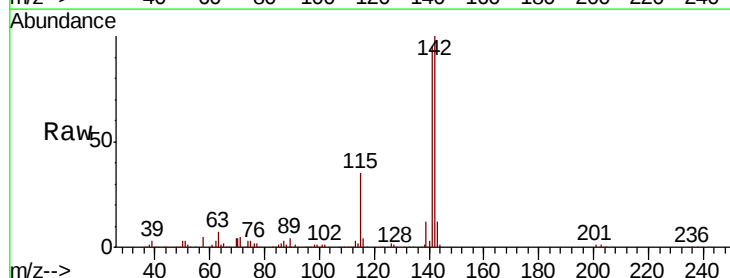
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.885 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.6
116	3.8	3.1	4.7

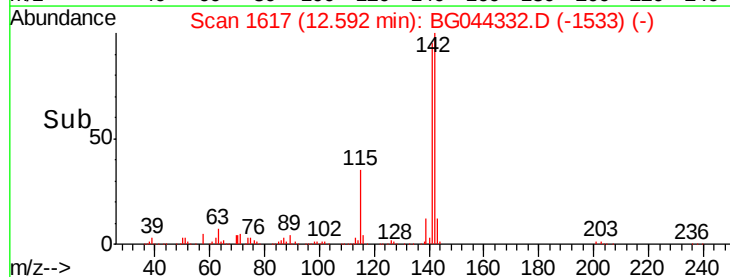
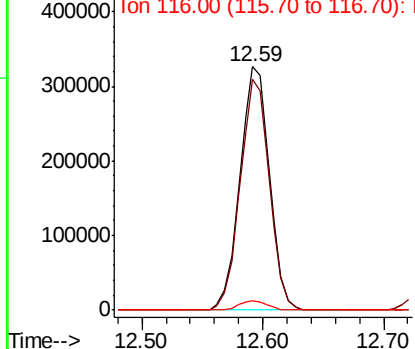


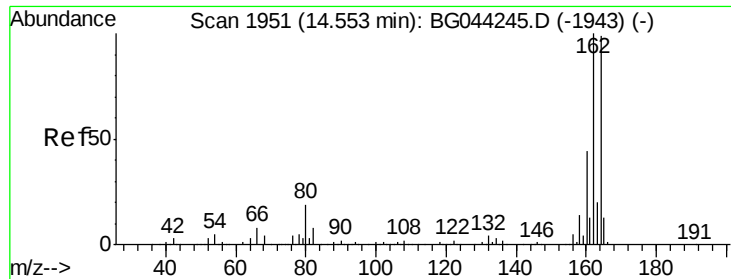
Abundance

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





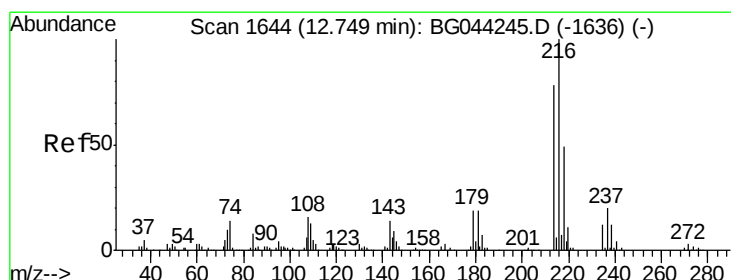
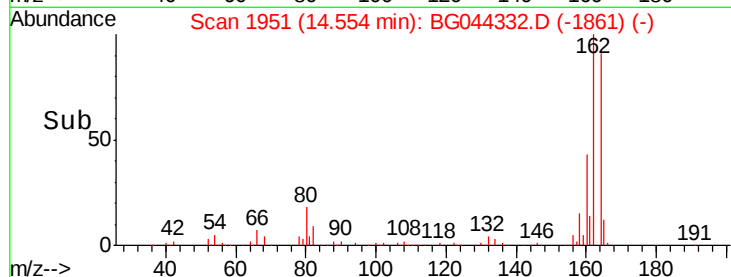
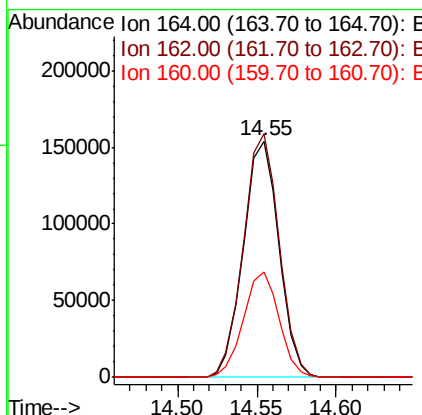
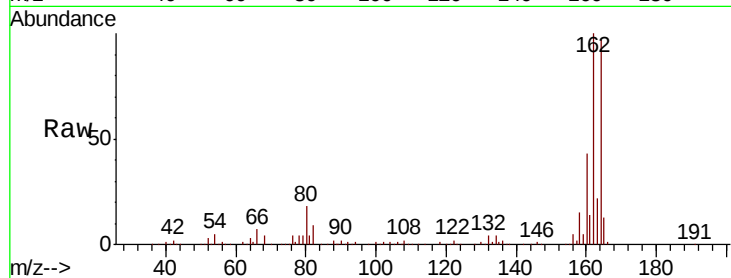
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	80.7	121.1	
160	44.7	35.3	52.9	

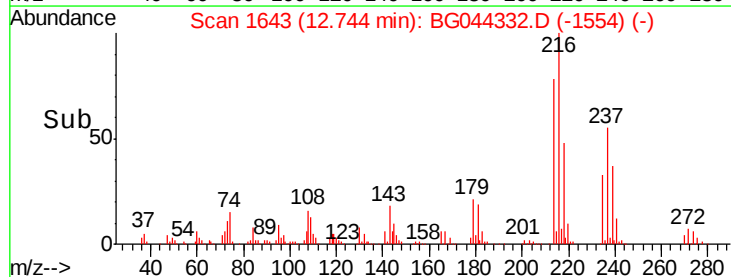
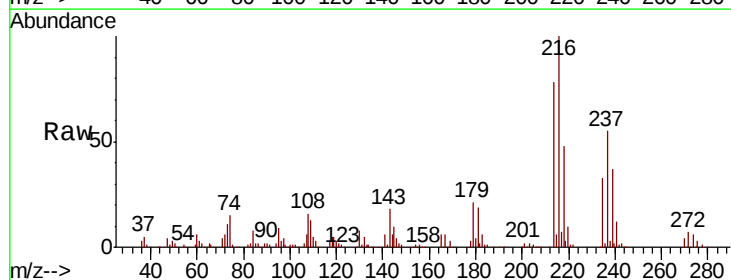
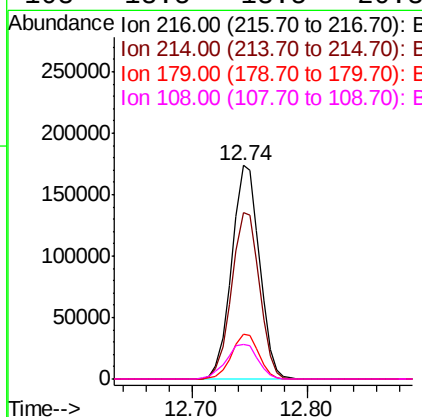
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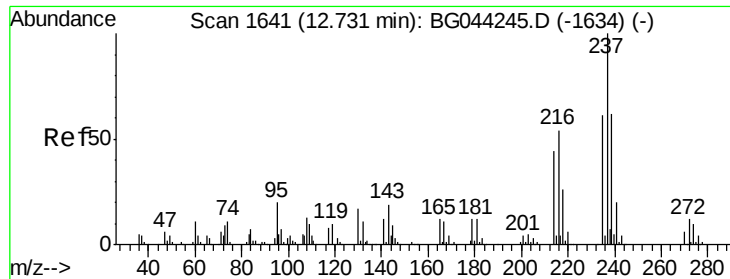
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.023 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.1	63.0	94.6	
179	20.5	16.2	24.4	
108	18.5	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 89.542 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

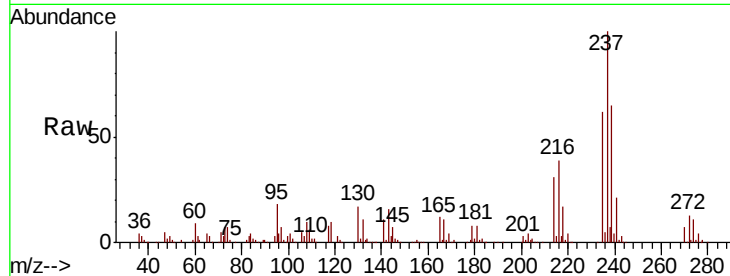
ClientSampleId :

PB126601BS

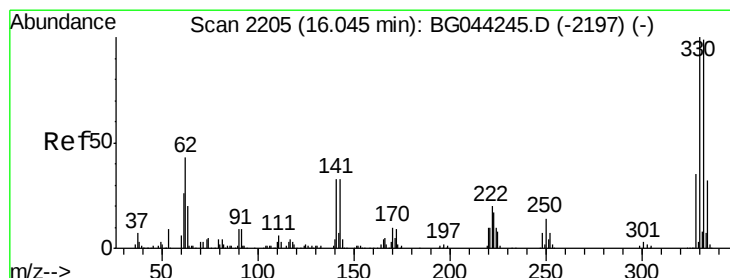
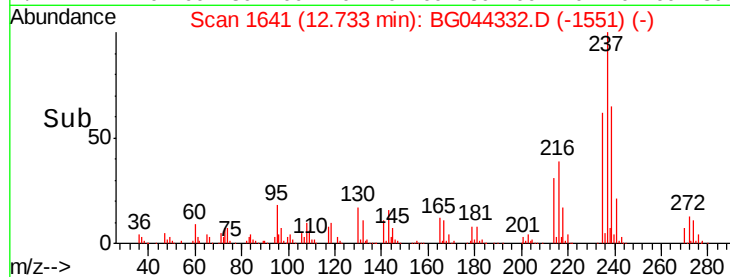
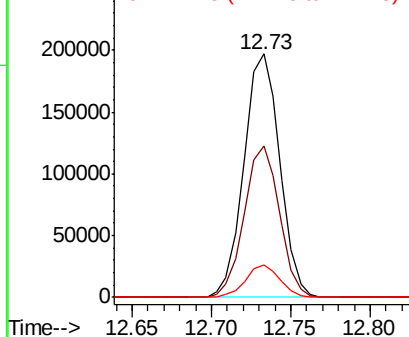
Tot Ion:	237	Resp:	309229
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.2	81.2
272	13.1	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 117.135 ng

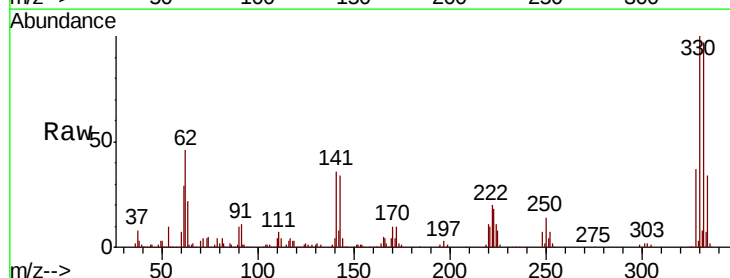
RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

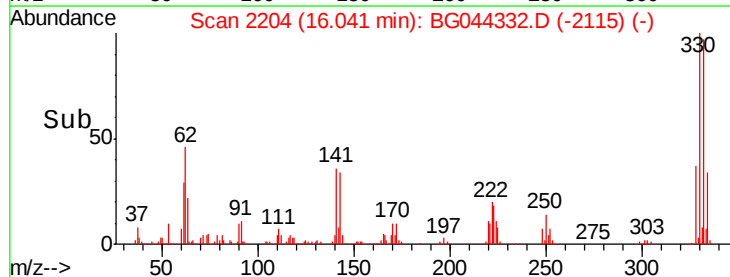
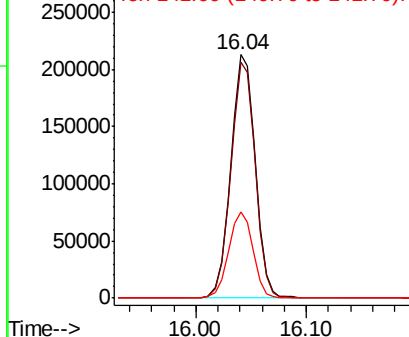
Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:	330	Resp:	330854
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	35.5	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





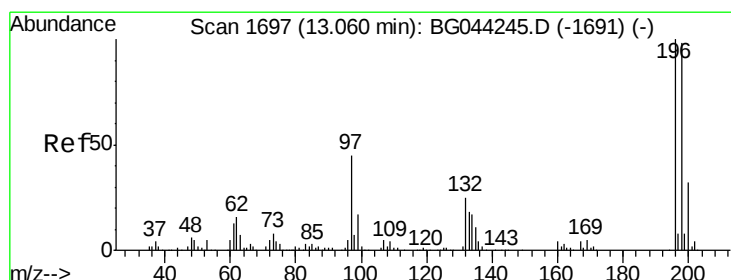
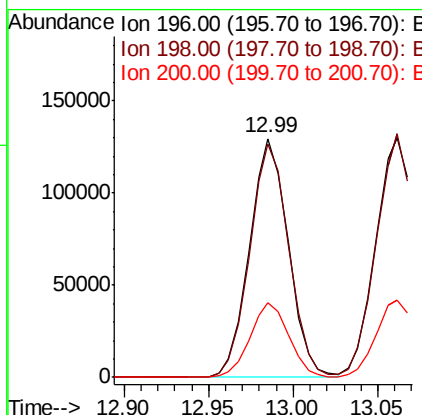
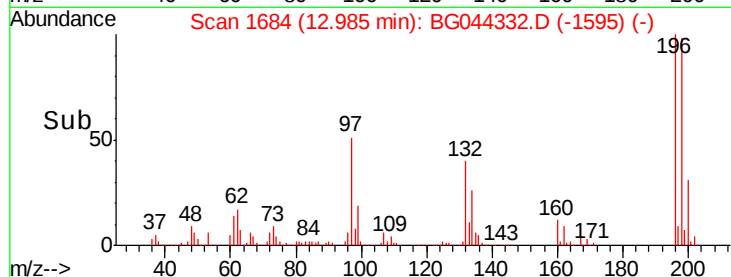
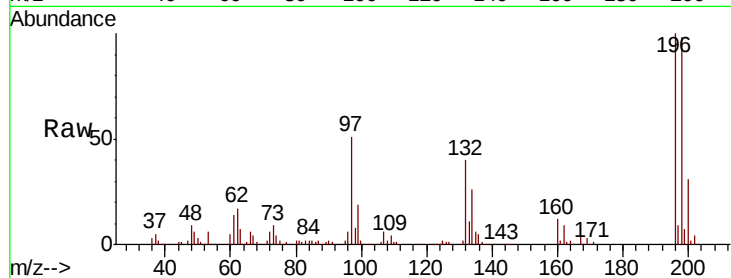
#43
 2,4,6-Trichlorophenol
 Concen: 44.429 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206687		
198	97.6	79.3	118.9	
200	31.2	25.7	38.5	

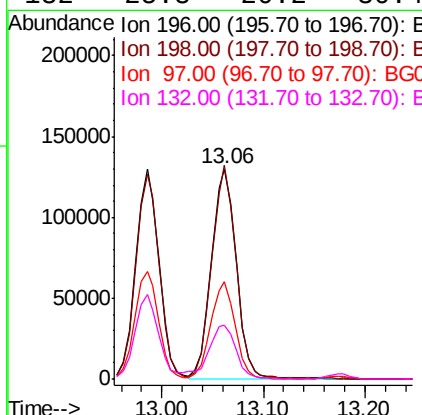
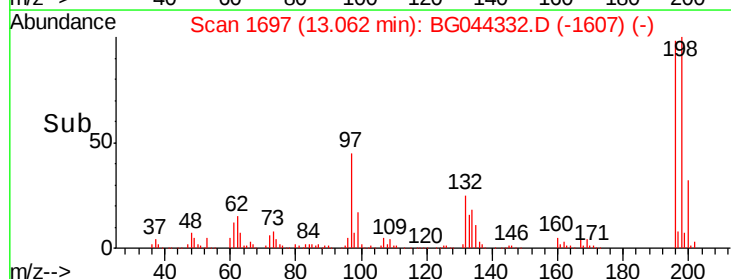
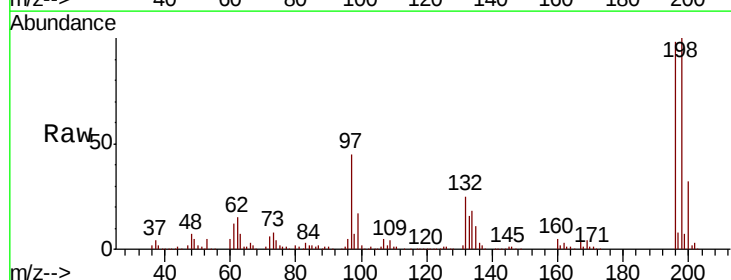
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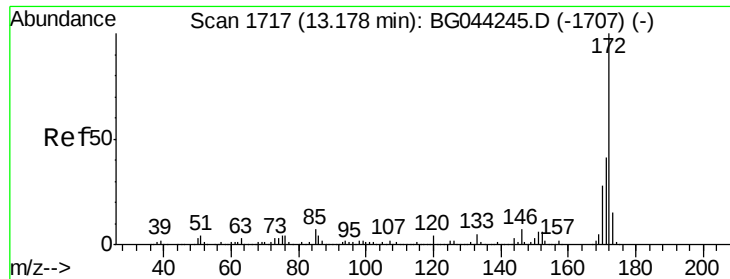
mohammad
 2/11/2020 8:25:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.559 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221232		
198	101.6	78.2	117.2	
97	46.1	36.2	54.4	
132	25.8	20.2	30.4	





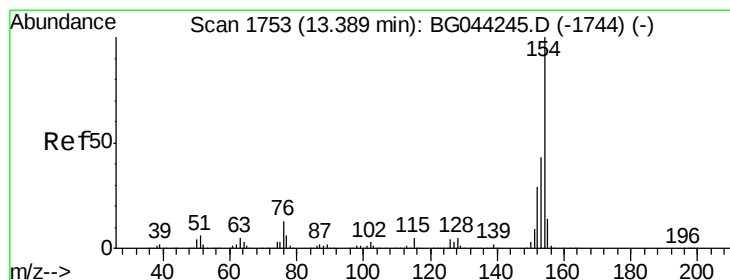
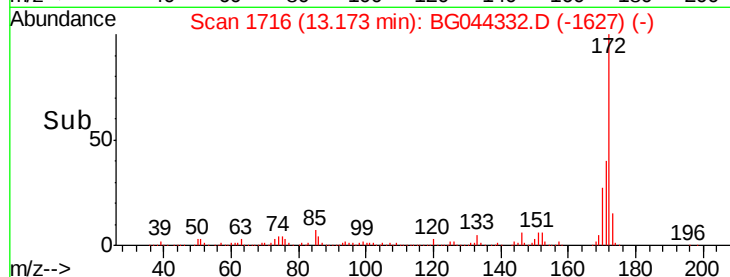
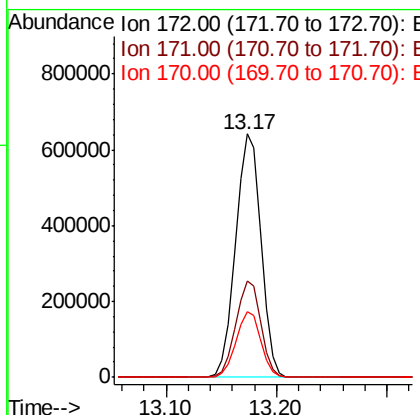
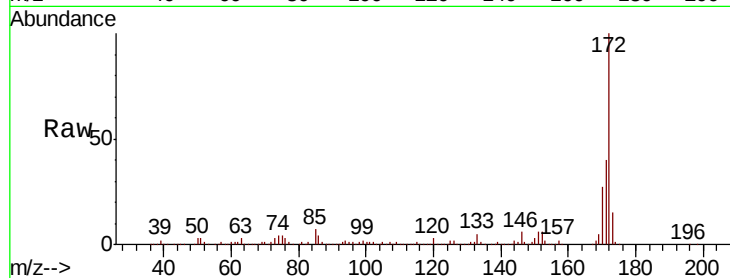
#45
2-Fluorobiphenyl
Concen: 72.155 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:172 Resp: 1036736
Ion Ratio Lower Upper
172 100
171 39.5 32.9 49.3
170 26.7 22.0 33.0

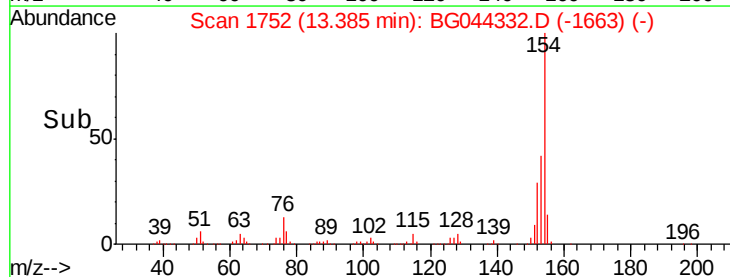
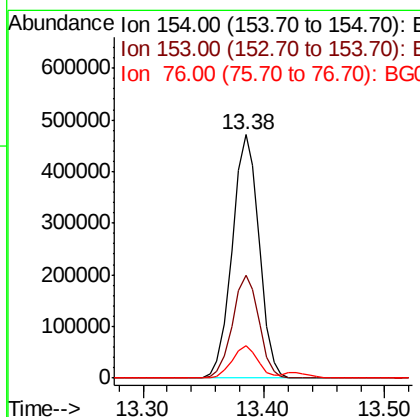
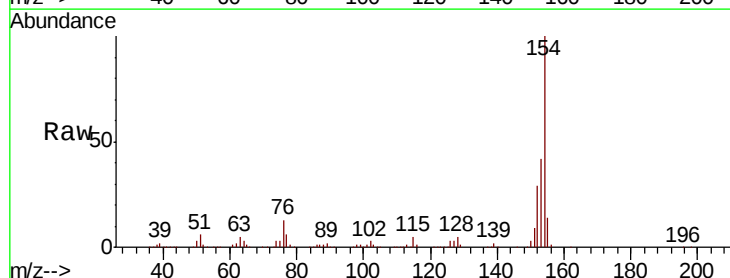
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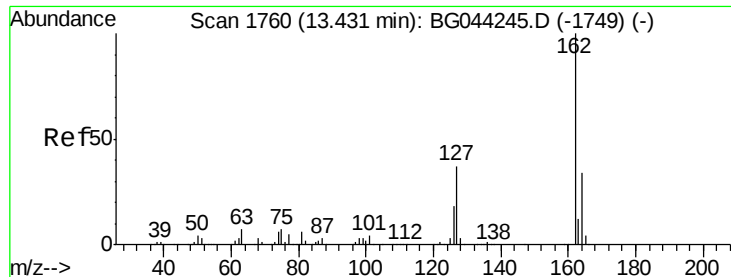
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#46
1,1'-Biphenyl
Concen: 41.978 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion:154 Resp: 728518
Ion Ratio Lower Upper
154 100
153 42.2 22.7 62.7
76 13.2 0.0 32.9





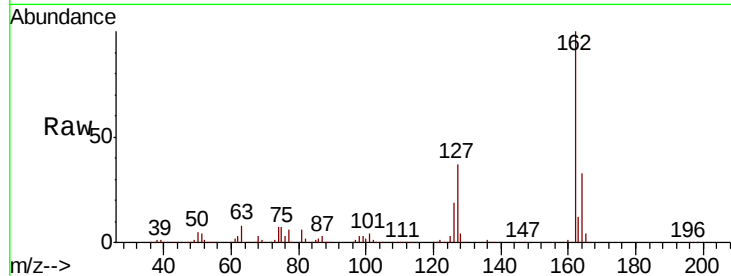
#47
2-Chloronaphthalene
Concen: 41.091 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.0	45.0
164	33.3	27.2	40.8

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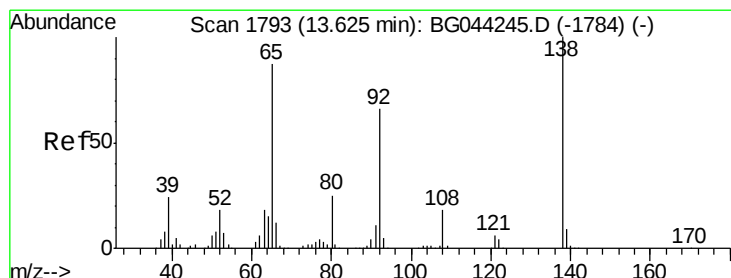
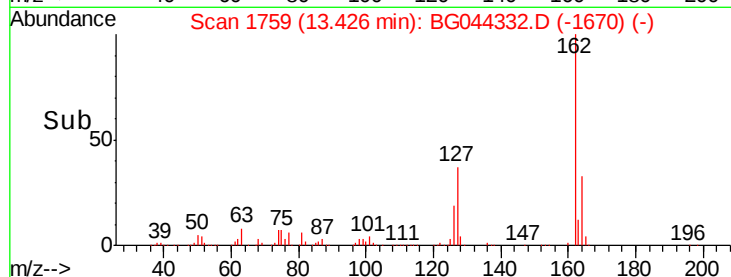
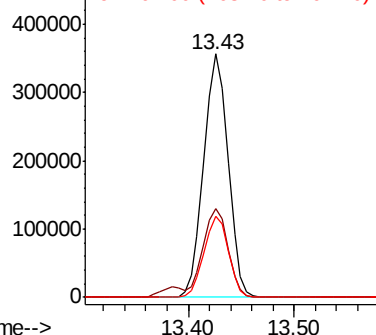


Abundance

Ion 162.00 (161.70 to 162.70): E

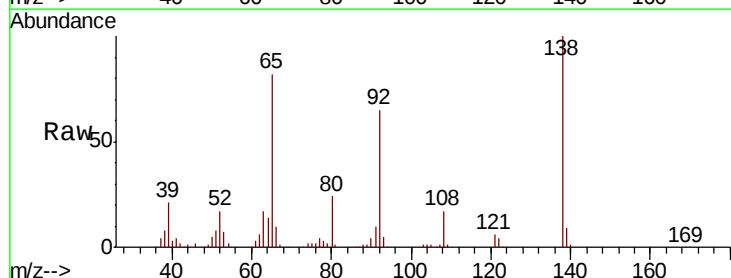
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.127 ng
RT: 13.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.2	60.3	90.5
138	122.5	91.9	137.9

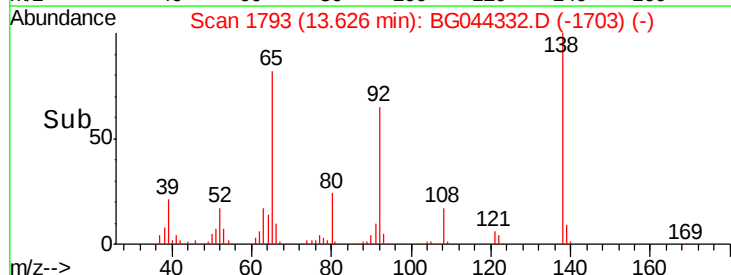
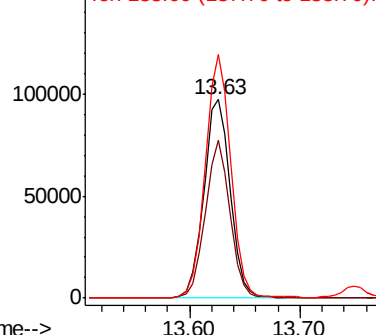


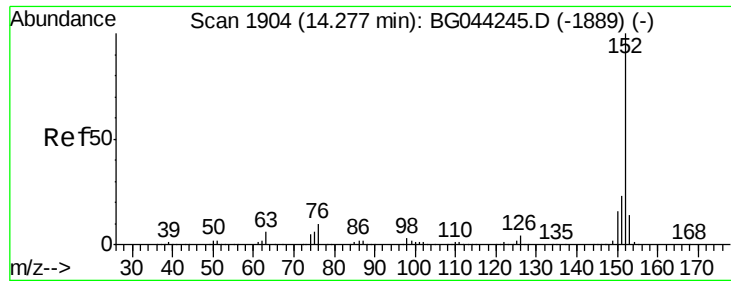
Abundance

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: 43.690 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

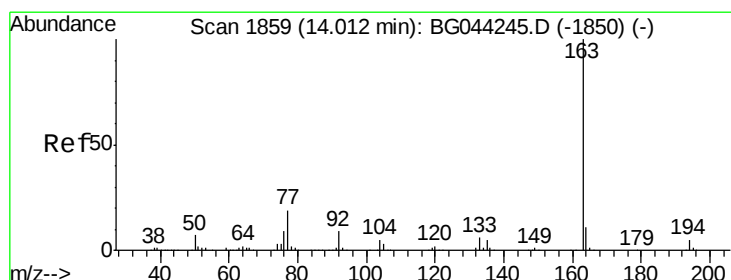
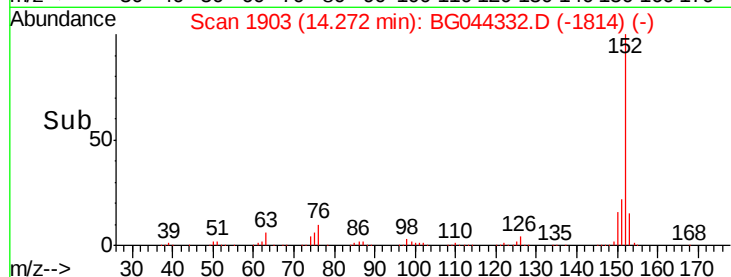
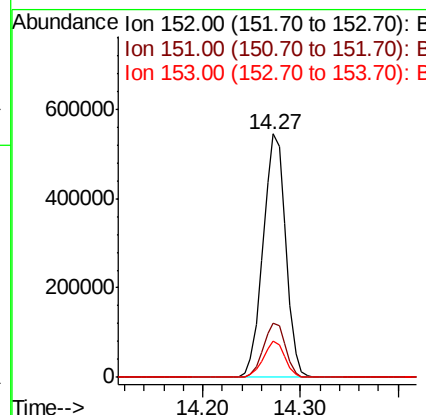
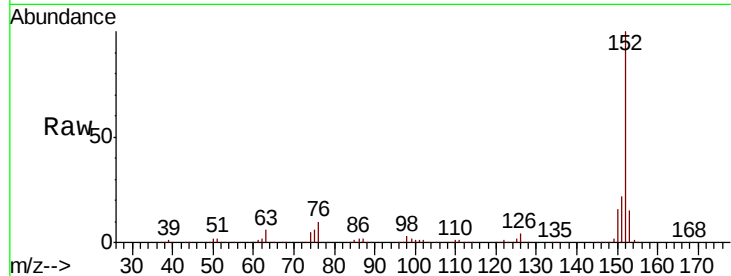
ClientSampleId :

PB126601BS

Tot Ion:	152	Resp:	884986
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.1	27.1
153	14.7	11.5	17.3

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#50

Dimethylphthalate

Concen: 41.210 ng

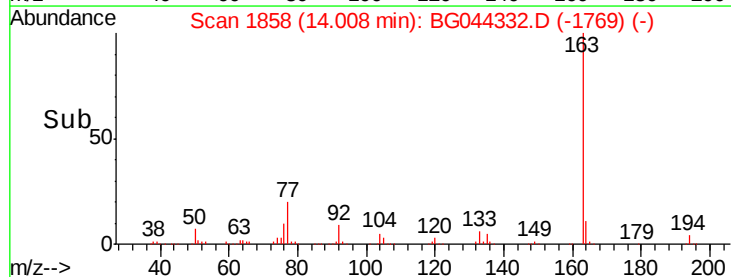
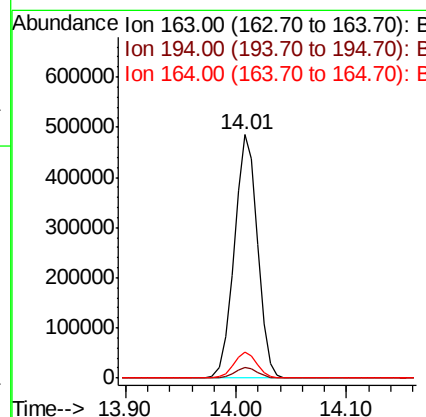
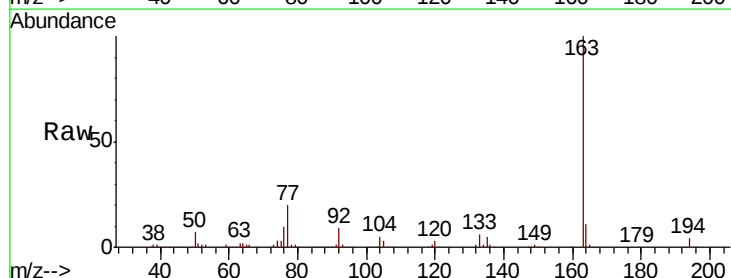
RT: 14.01 min Scan# 1858

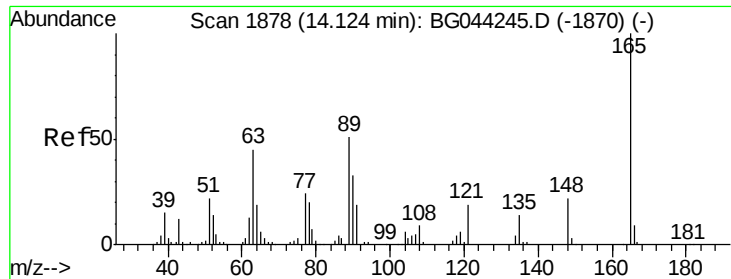
Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Tgt Ion:	163	Resp:	712740
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.9	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 42.344 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

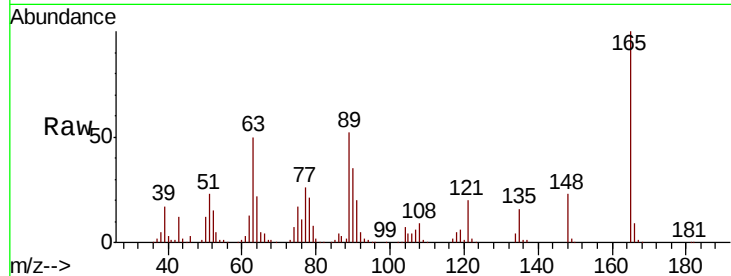
ClientSampleId :

PB126601BS

Tot Ion:	165	Resp:	163291
Ion Ratio	Lower	Upper	
165	100		
63	49.8	38.7	58.1
89	51.5	40.4	60.6

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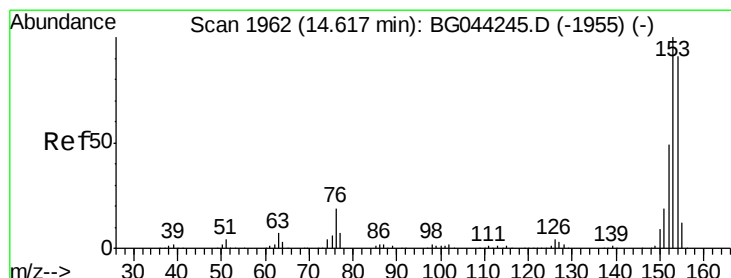
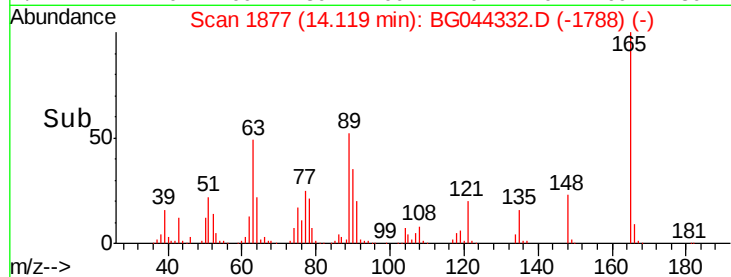
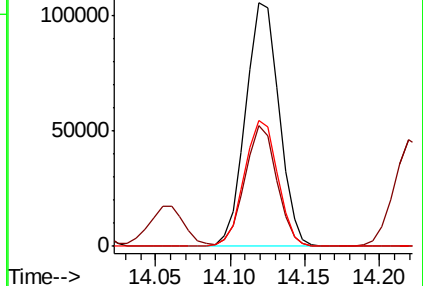
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.695 ng

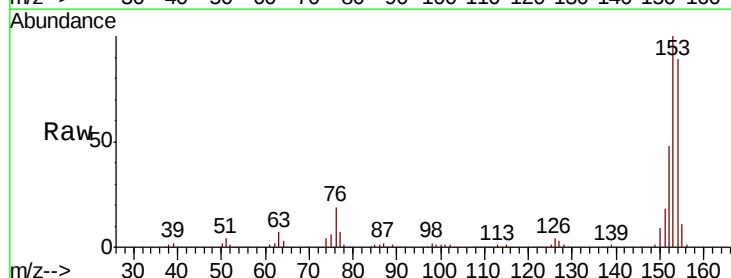
RT: 14.62 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

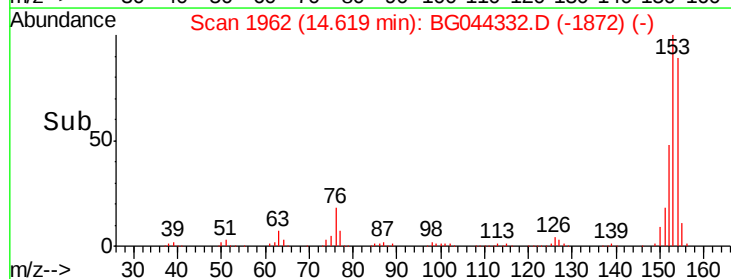
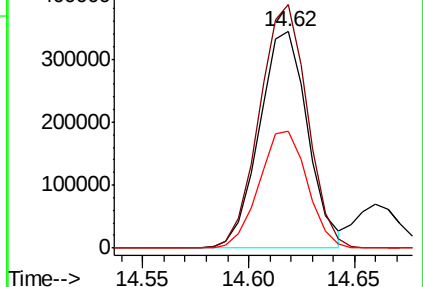
Tgt Ion:	154	Resp:	547429
Ion Ratio	Lower	Upper	
154	100		
153	112.4	87.9	131.9
152	54.2	43.1	64.7

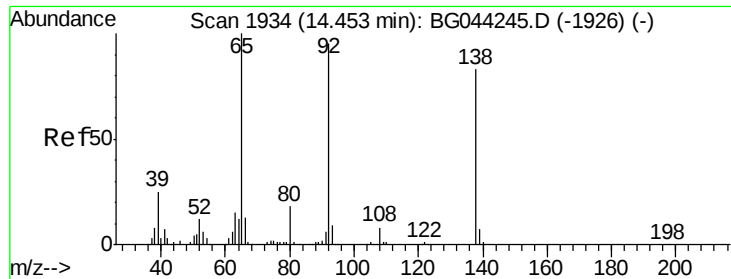


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





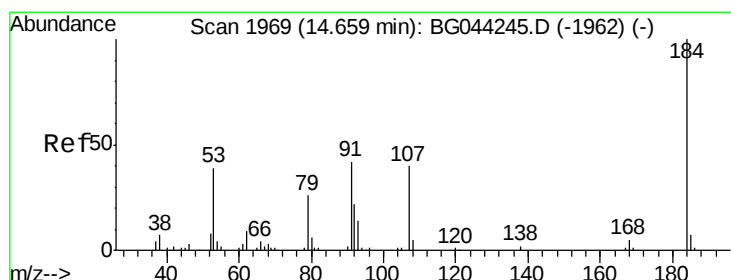
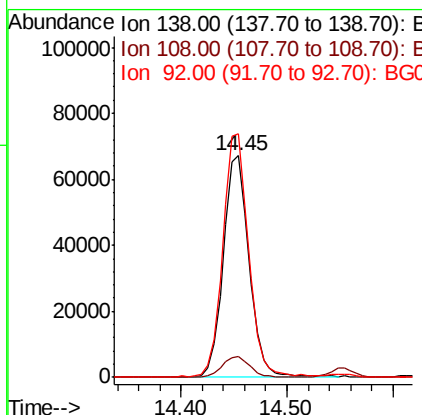
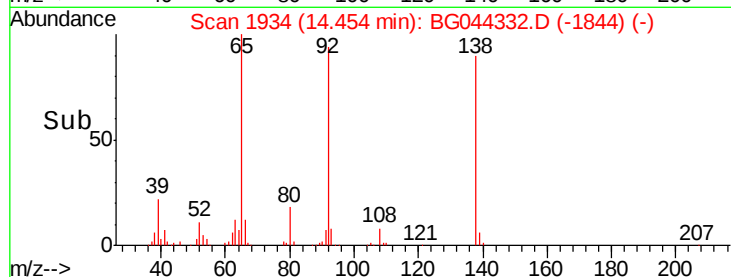
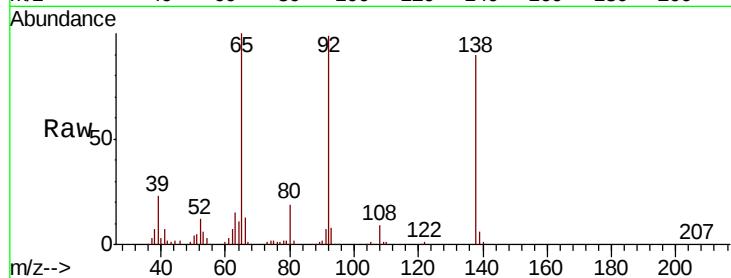
#53
3-Nitroaniline
Concen: 26.755 ng
RT: 14.45 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.9	11.9
92	110.0	91.0	136.4

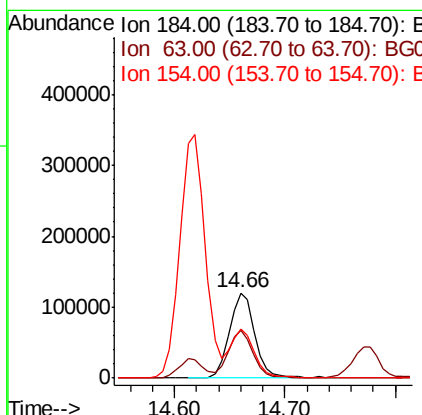
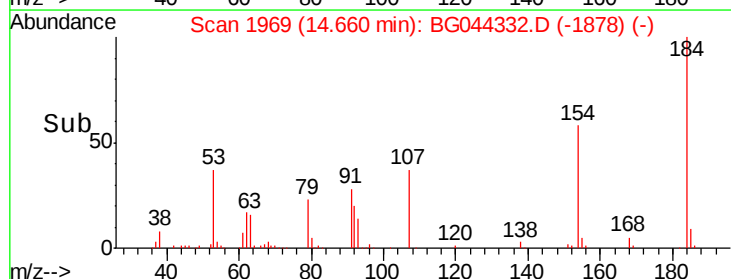
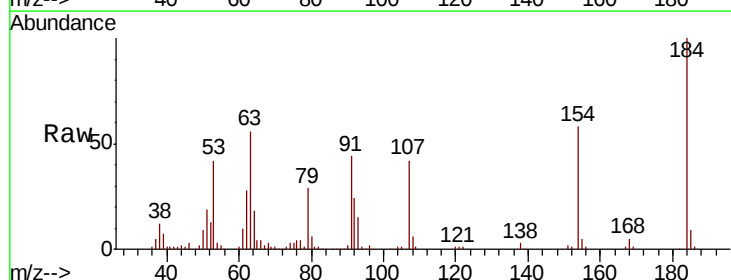
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#54
2,4-Dinitrophenol
Concen: 85.210 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.8	44.1	66.1
154	57.5	45.4	68.0





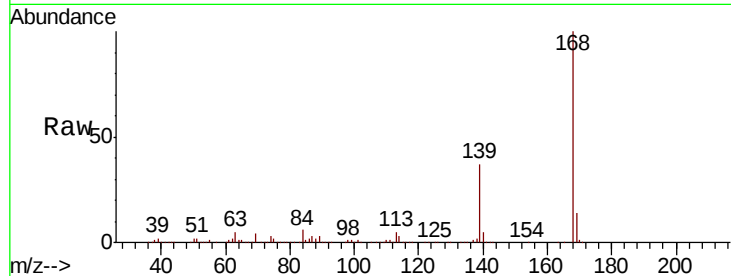
#55
Dibenzenofuran
Concen: 42.552 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.5	45.7
169	14.4	11.7	17.5

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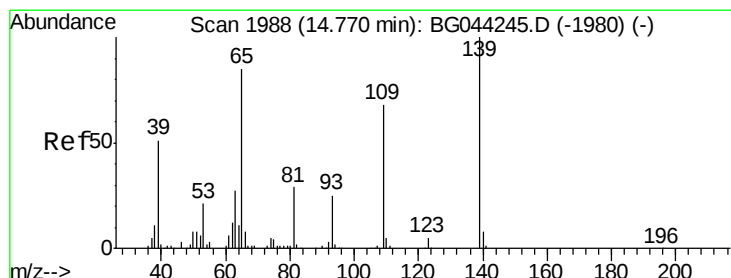
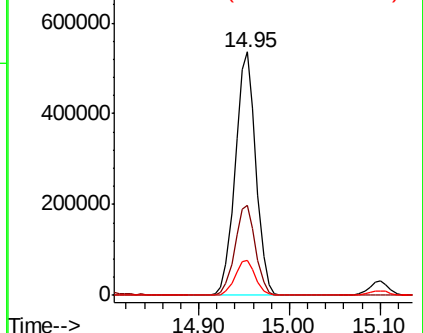
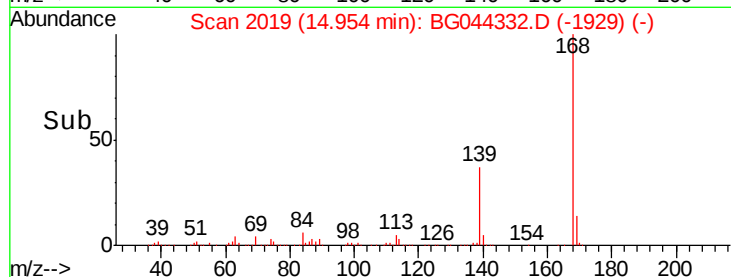


Abundance

Ion 168.00 (167.70 to 168.70): E

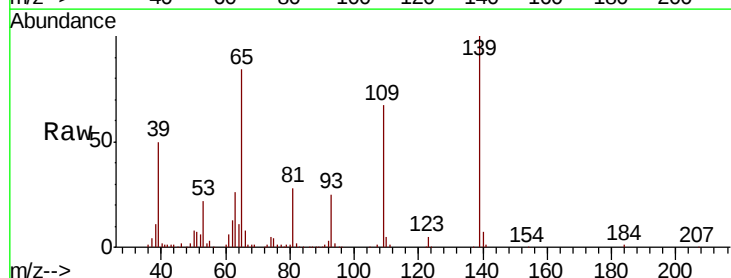
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 96.514 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	47.5	87.5
65	83.9	64.9	104.9

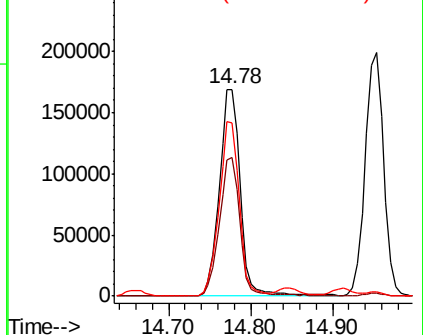
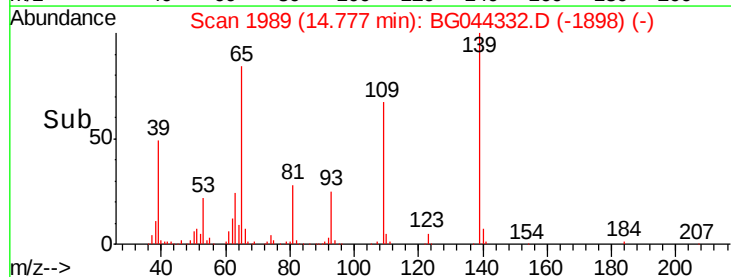


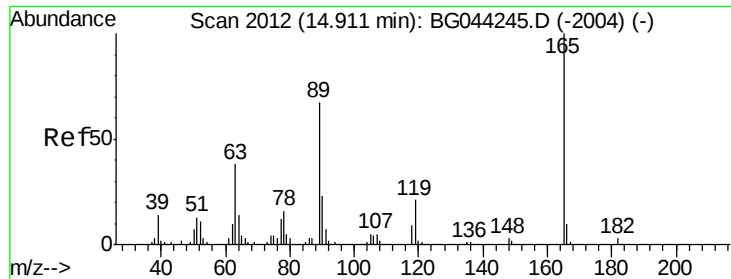
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





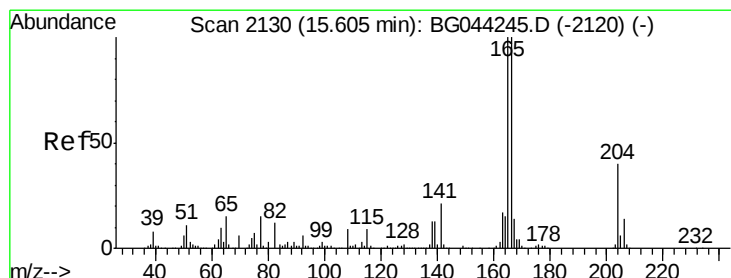
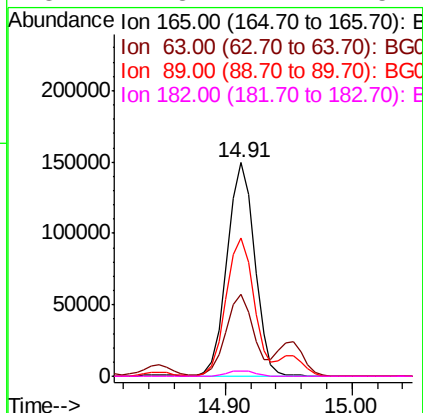
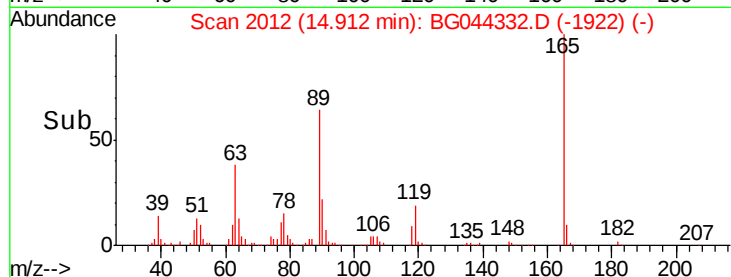
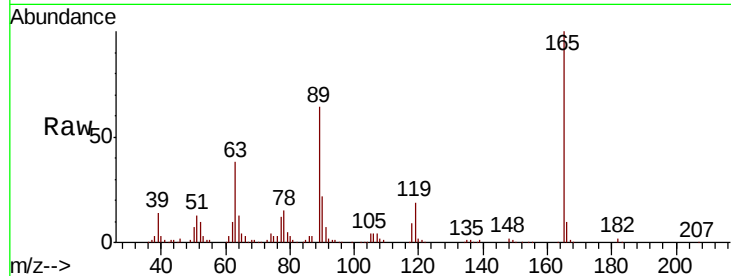
#57
2,4-Dinitrotoluene
Concen: 41.538 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		224504		
63	38.3		30.3	45.5	
89	64.5		53.4	80.2	
182	2.3		2.1	3.1	

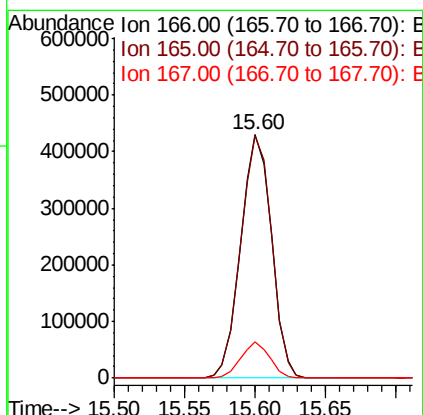
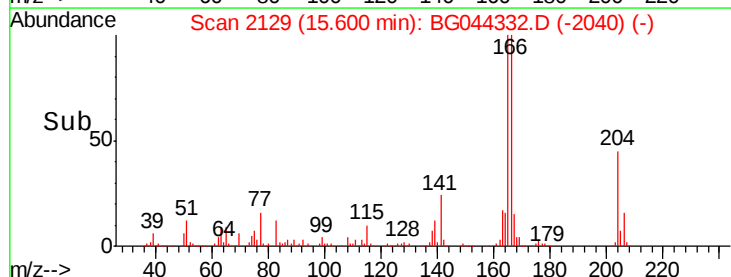
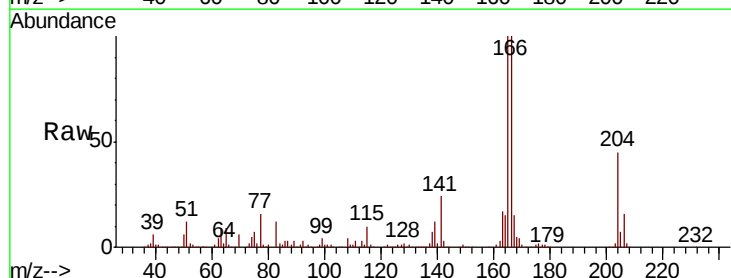
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#58
Fluorene
Concen: 41.973 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		657161		
165	99.6		79.9	119.9	
167	14.6		11.4	17.0	





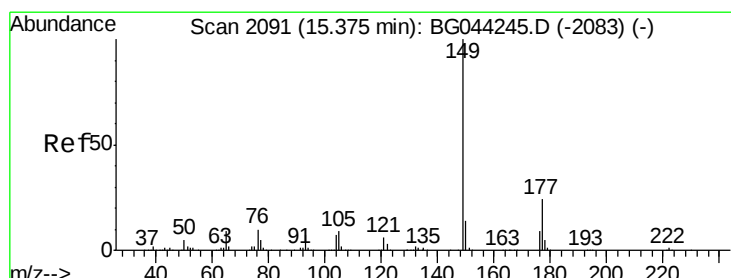
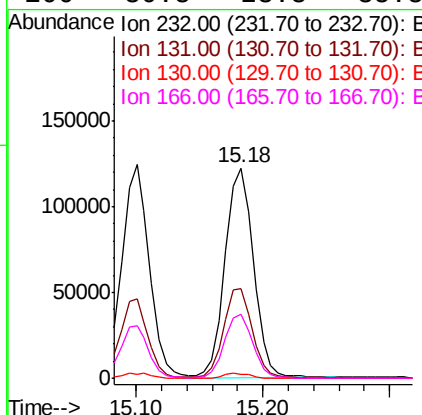
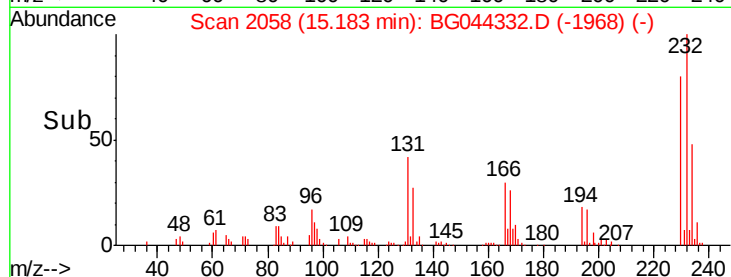
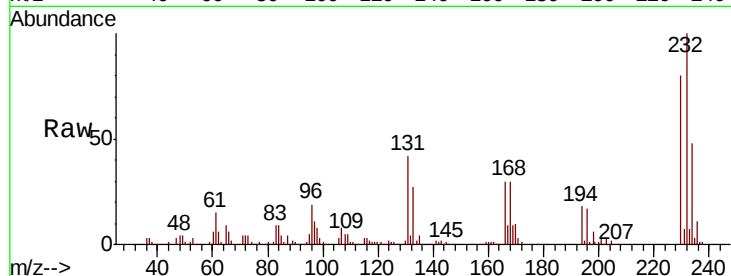
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.319 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	190218		
131	42.5		34.2	51.4
130	2.3		1.8	2.8
166	30.8		23.8	35.8

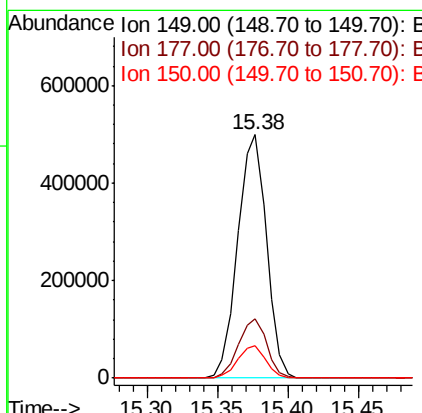
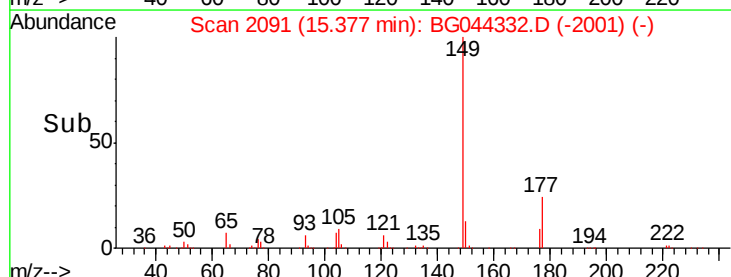
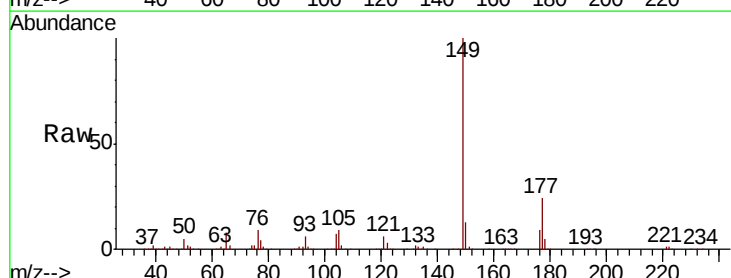
Manual Integrations
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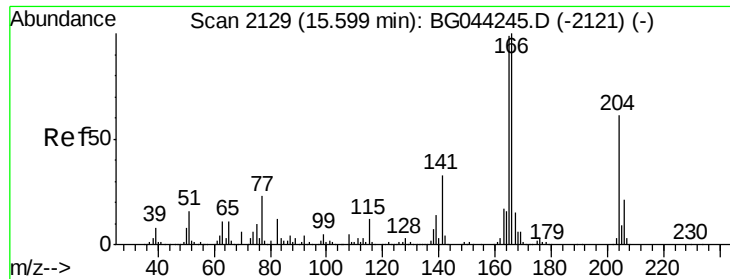
mohammad
2/11/2020 8:25:46 AM



#60
Diethylphthalate
Concen: 41.250 ng
RT: 15.38 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	710880		
177	24.4		19.4	29.0
150	13.1		10.9	16.3





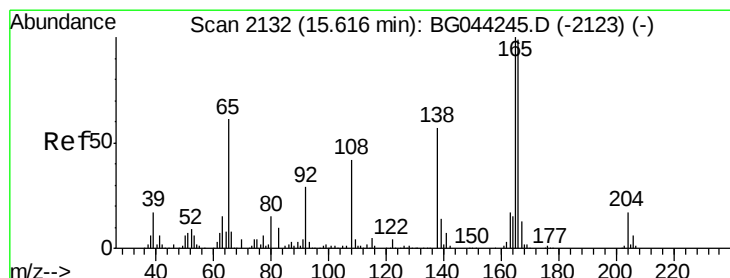
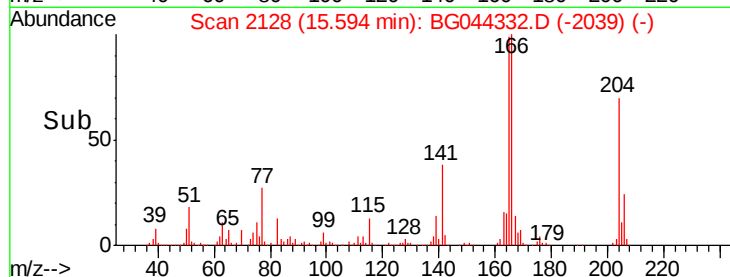
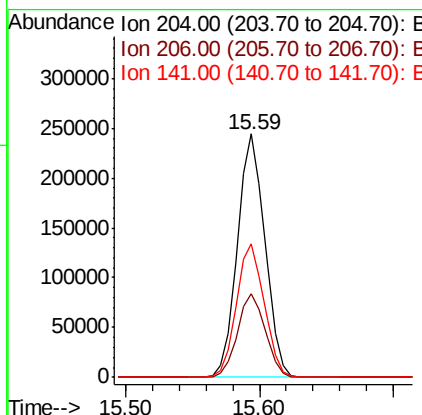
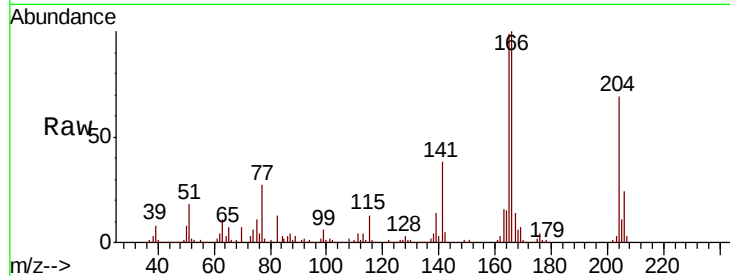
#61
 4-Chlorophenyl-phenylether
 Concen: 40.922 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.6	41.4
141	54.9	43.4	65.0

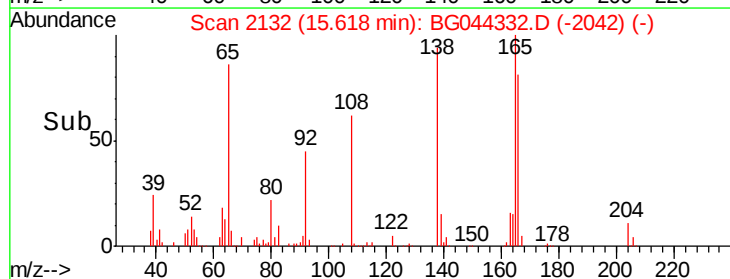
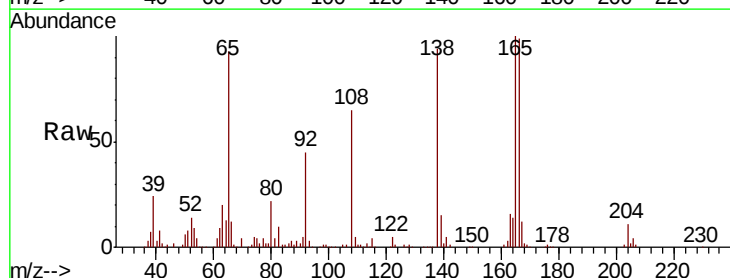
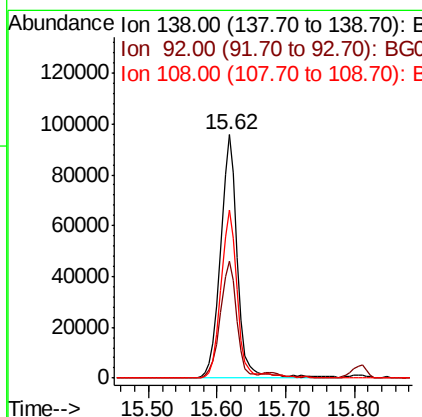
Manual Integrations
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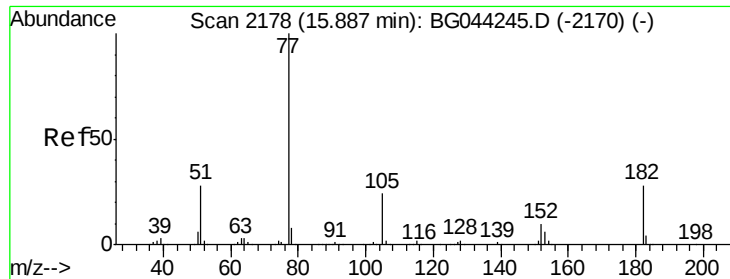
mohammad
 2/11/2020 8:25:46 AM



#62
 4-Nitroaniline
 Concen: 38.348 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	31.3	71.3
108	69.1	52.6	92.6





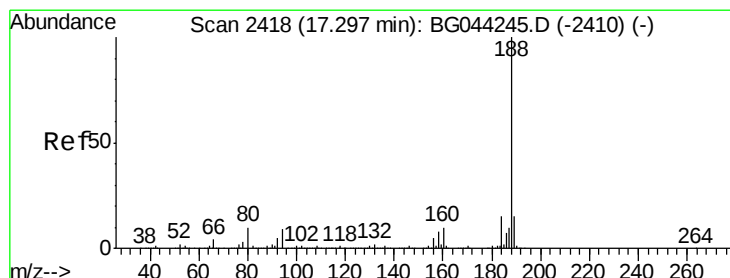
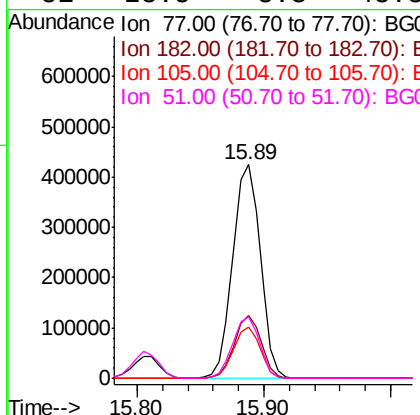
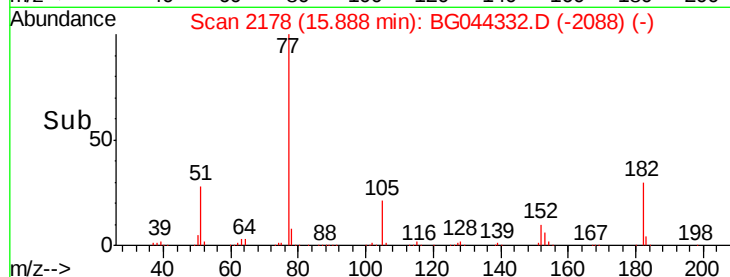
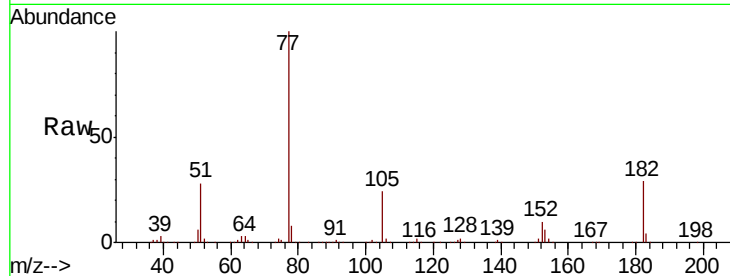
#63
Azobenzene
Concen: 42.247 ng
RT: 15.89 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		638095		
182	29.2	8.2	48.2		
105	23.8	3.6	43.6		
51	28.5	8.3	48.3		

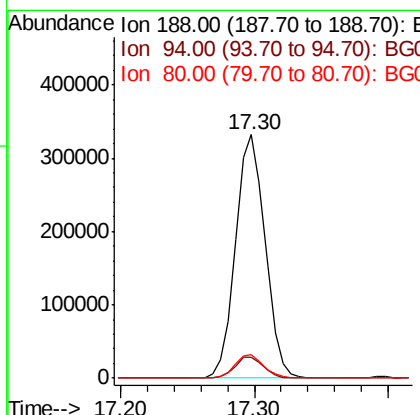
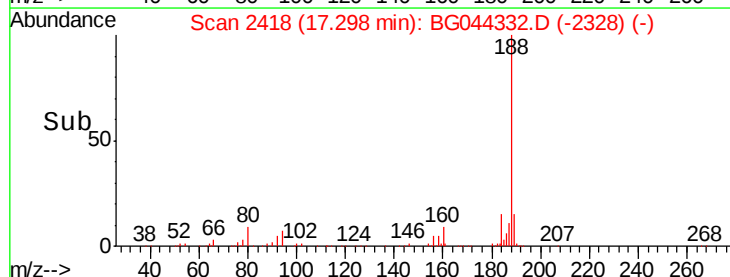
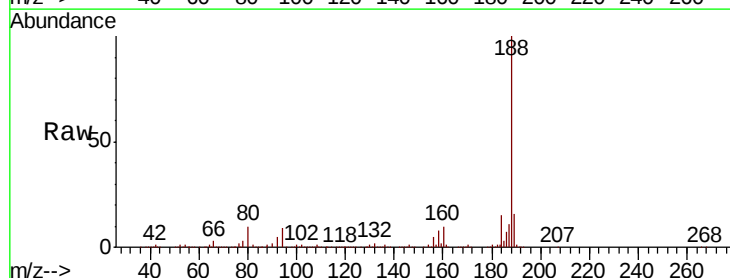
Manual Integrations
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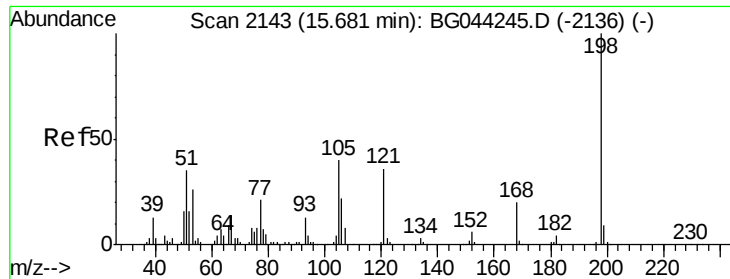
mohammad
2/11/2020 8:25:46 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		508615		
94	8.8	7.4	11.2		
80	9.6	7.7	11.5		





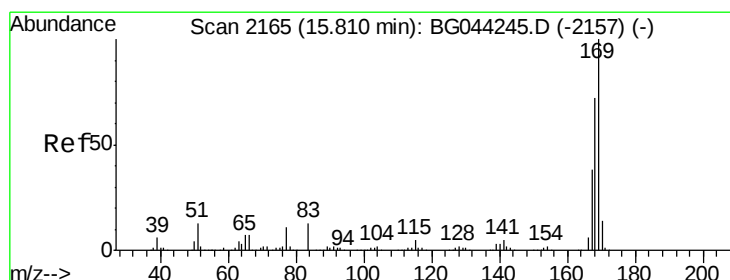
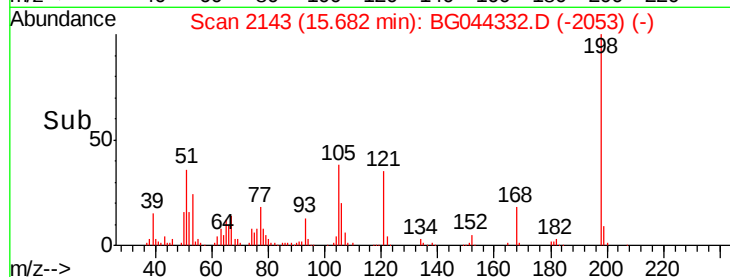
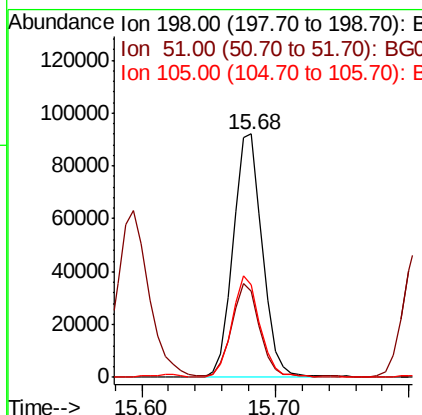
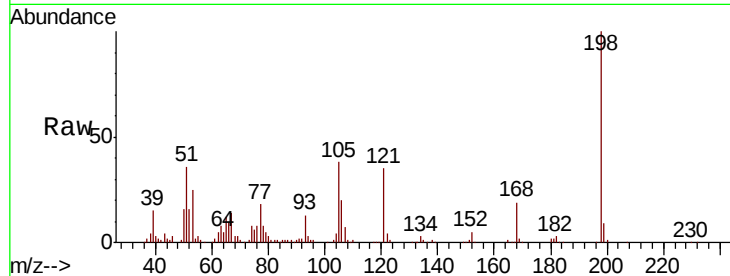
#65
4,6-Dinitro-2-methylphenol
Concen: 49.980 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.5	16.6	56.6
105	37.9	20.6	60.6

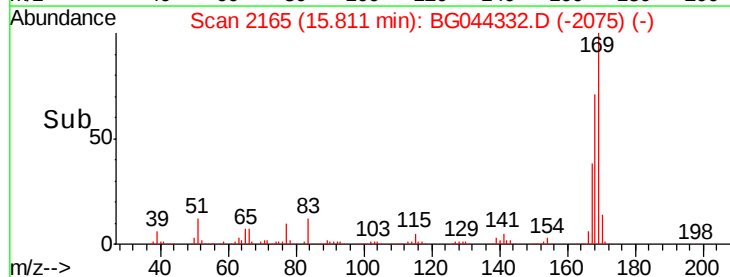
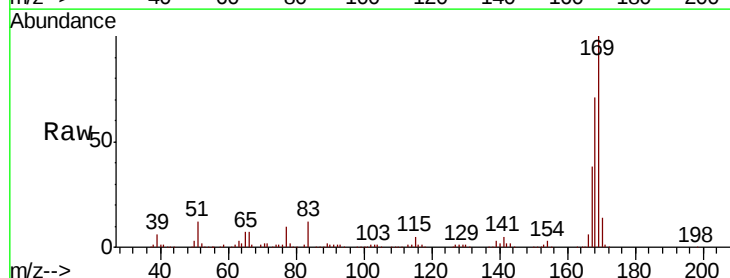
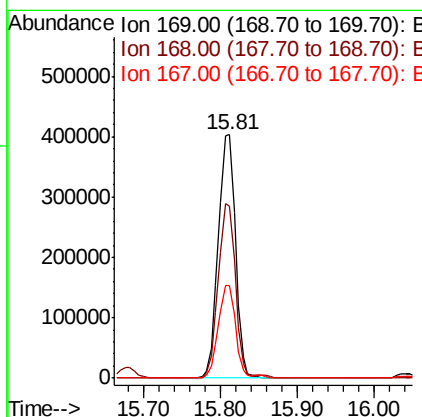
Manual Integrations
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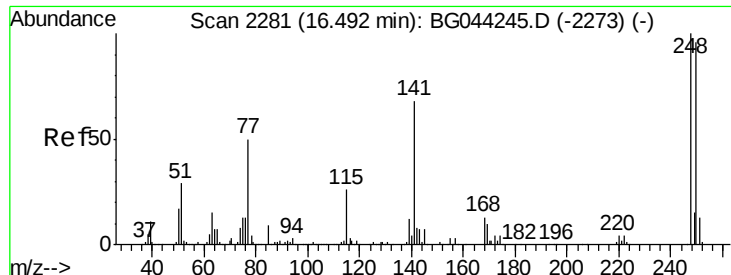
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.570 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	57.9	86.9
167	37.8	30.7	46.1





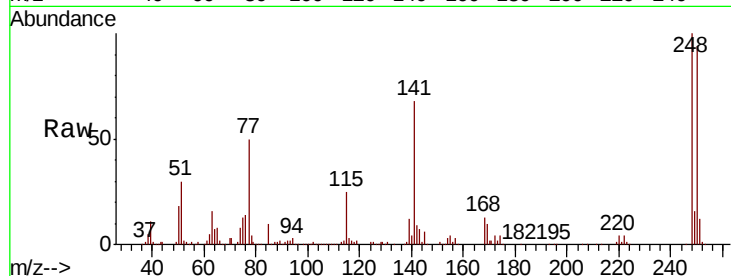
#67
4-Bromophenyl-phenylether
Concen: 41.106 ng
RT: 16.49 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	76.6	114.8
141	68.1	54.7	82.1

Manual Integrations
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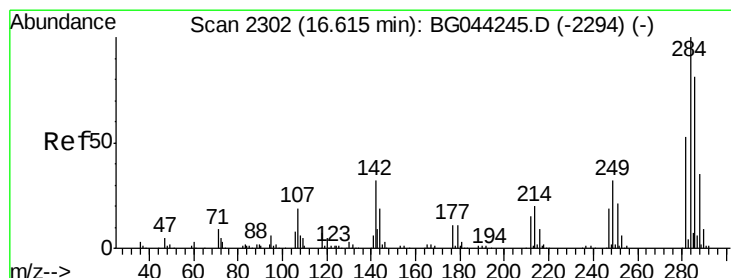
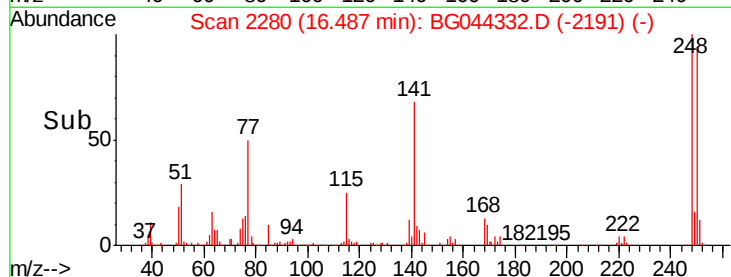
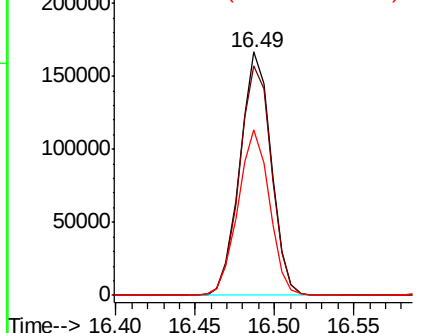


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.751 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

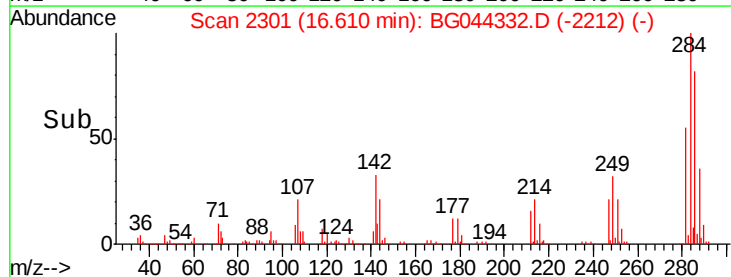
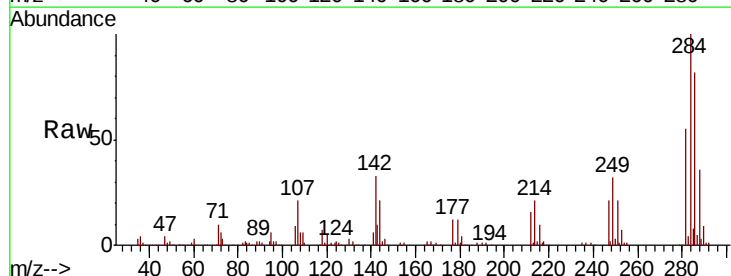
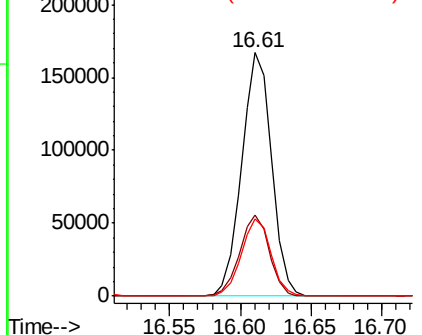
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.3	37.9
249	31.6	25.5	38.3

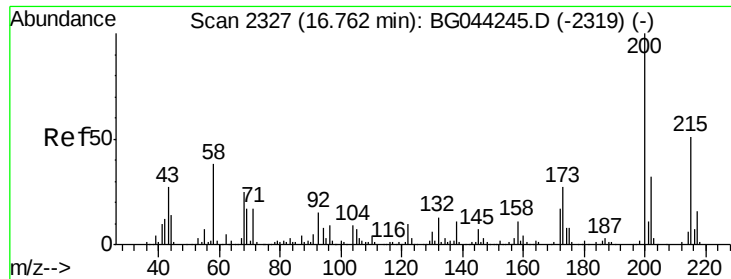
Abundance

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





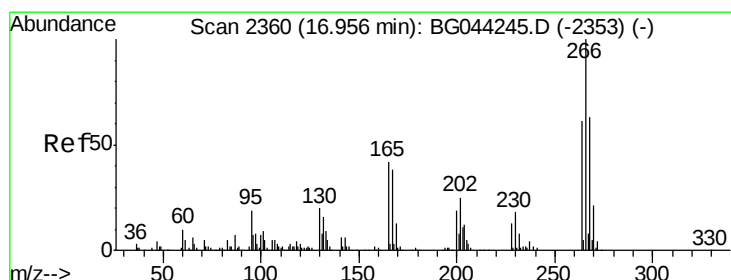
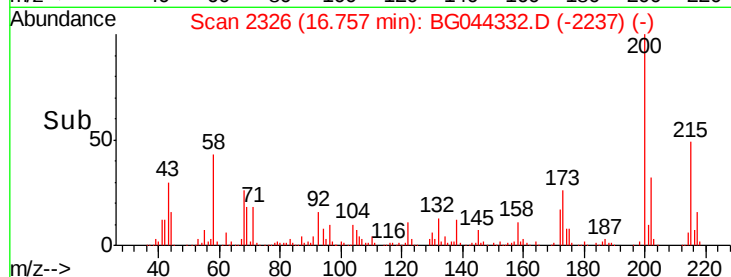
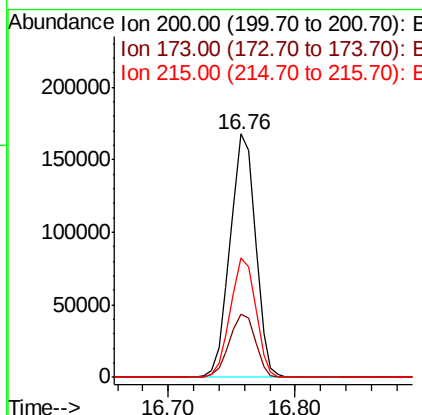
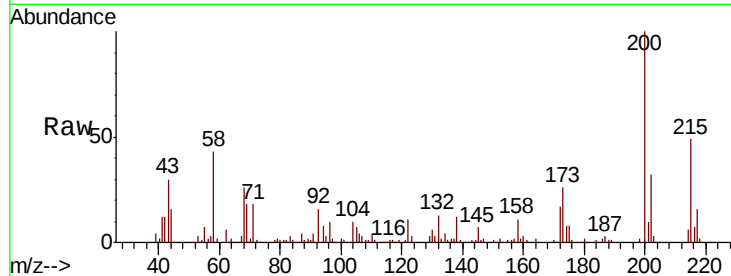
#69
 Atrazine
 Concen: 47.625 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.6	46.6
215	48.9	31.0	71.0

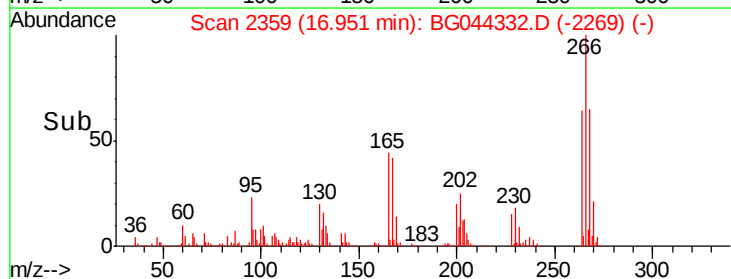
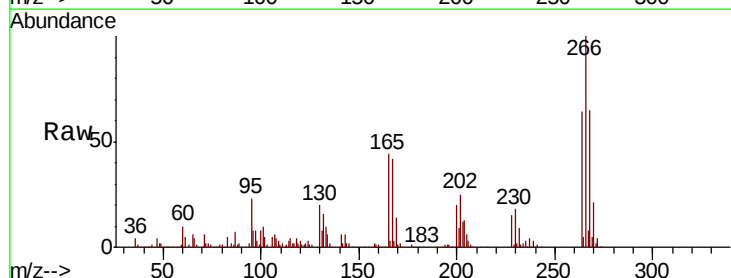
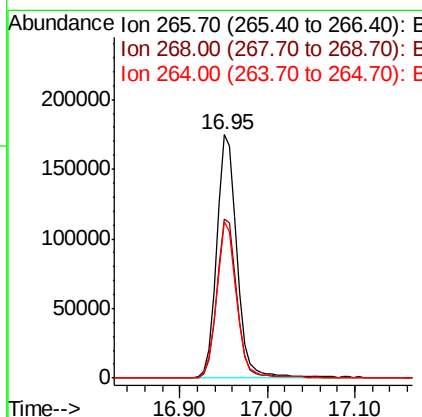
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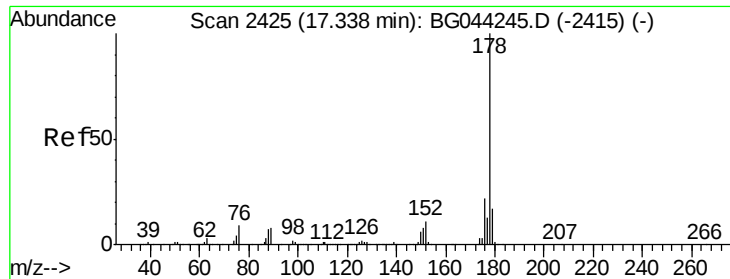
mohammad
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#70
 Pentachlorophenol
 Concen: 89.437 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	50.6	75.8
264	64.2	48.7	73.1





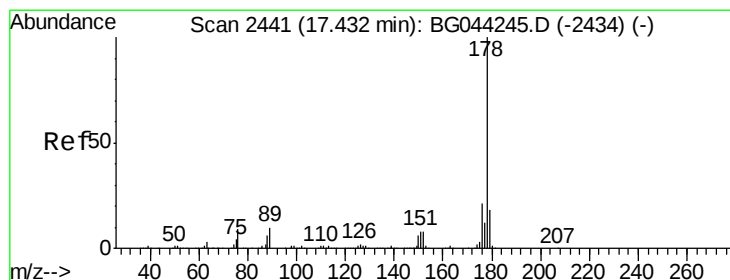
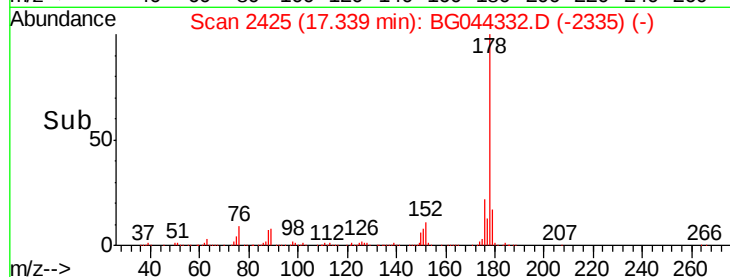
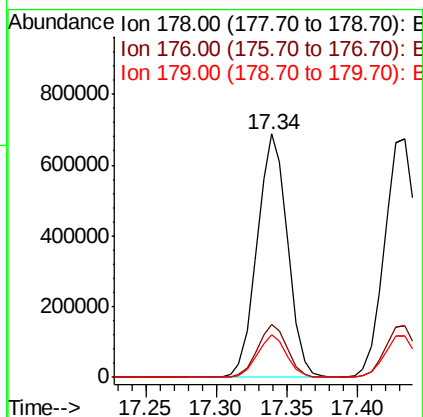
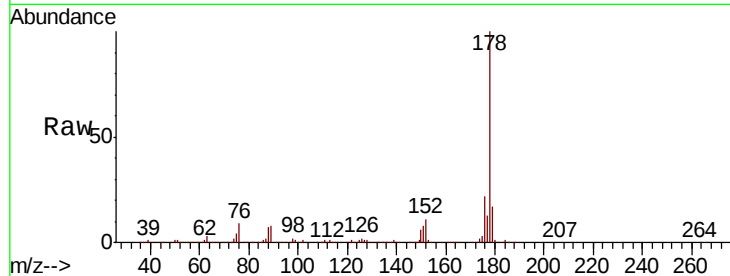
#71
 Phenanthrene
 Concen: 42.279 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.7	26.5
179	17.3	13.7	20.5

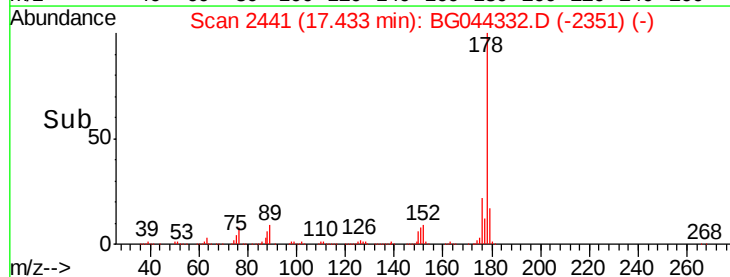
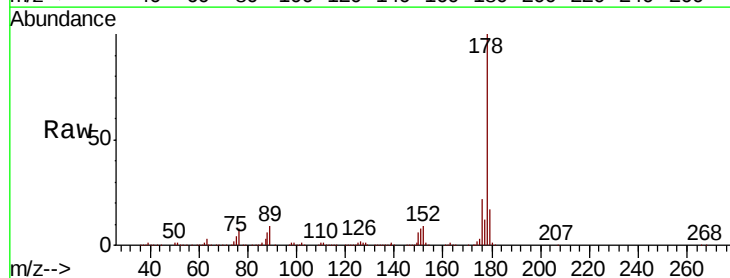
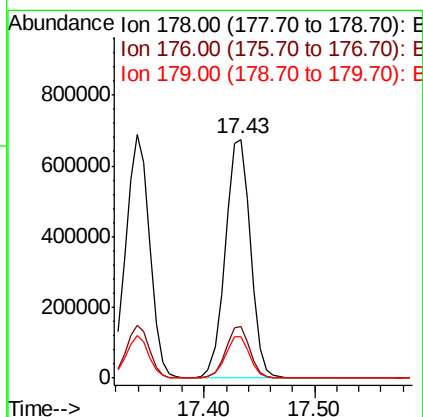
Manual Integrations
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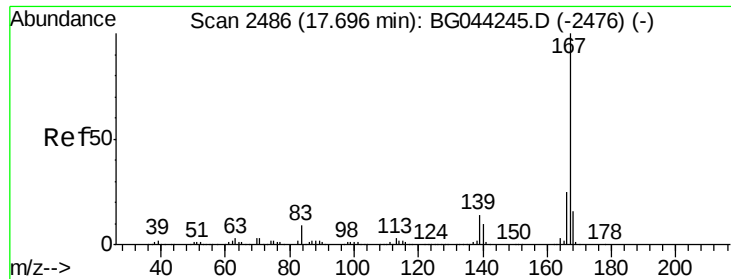
mohammad
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#72
 Anthracene
 Concen: 44.051 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.0	25.4
179	17.2	14.4	21.6





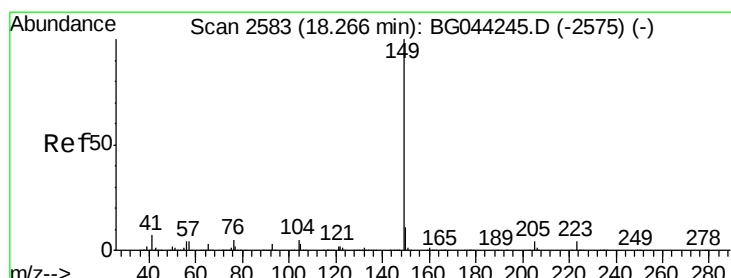
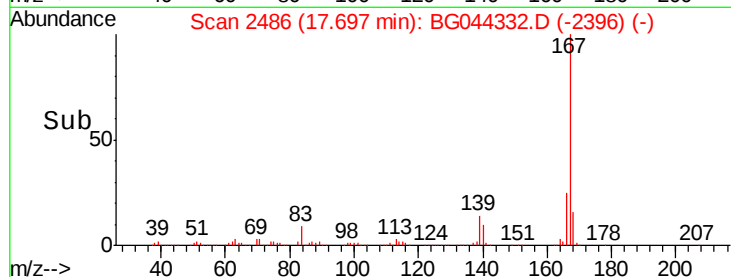
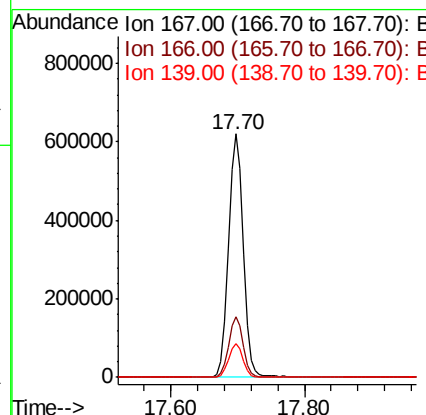
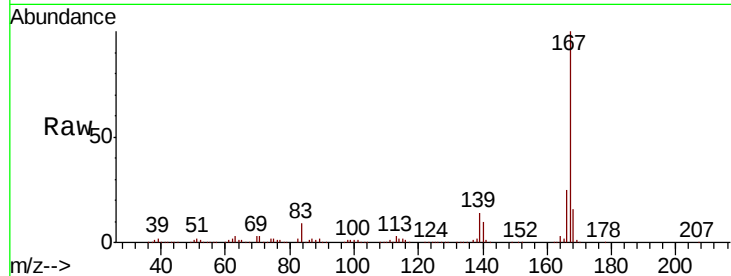
#73
 Carbazole
 Concen: 43.422 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.6	11.1	16.7

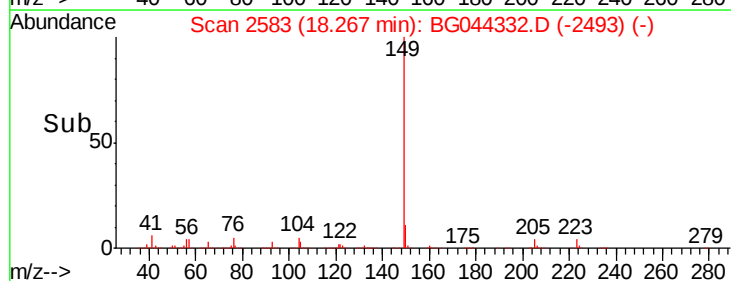
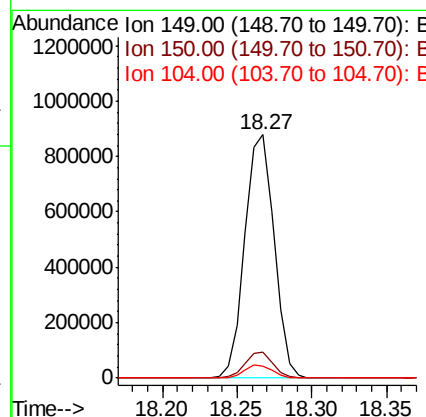
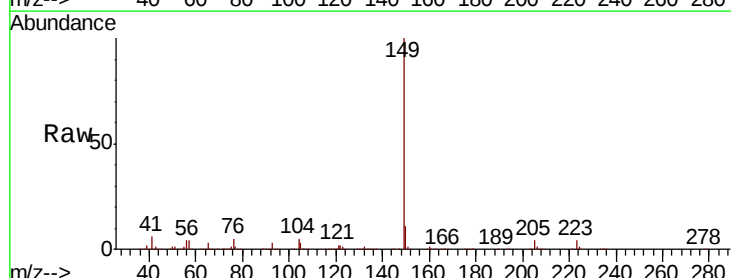
Manual Integrations
 APPROVED

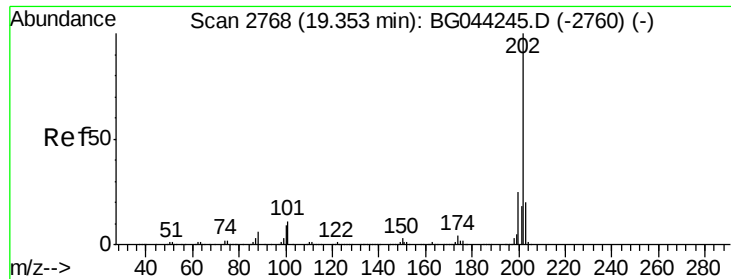
mohammad
 2/11/2020 8:25:46 AM



#74
 Di-n-butylphthalate
 Concen: 43.135 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 43.069 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion:202 Resp: 1227088

Ion Ratio Lower Upper

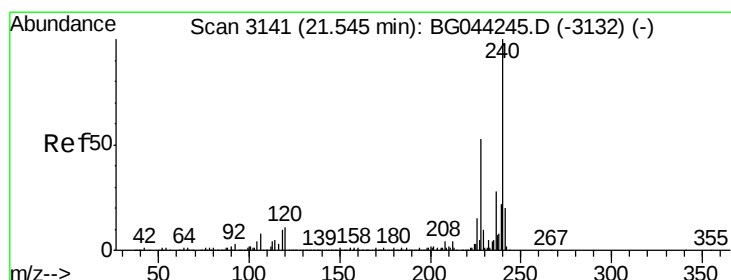
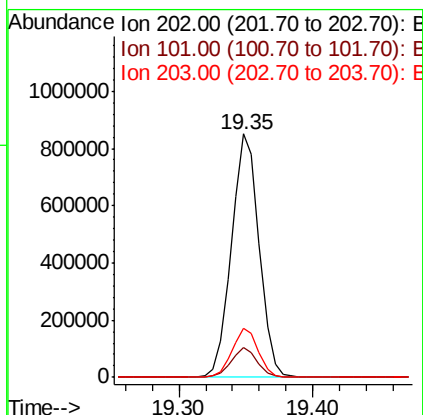
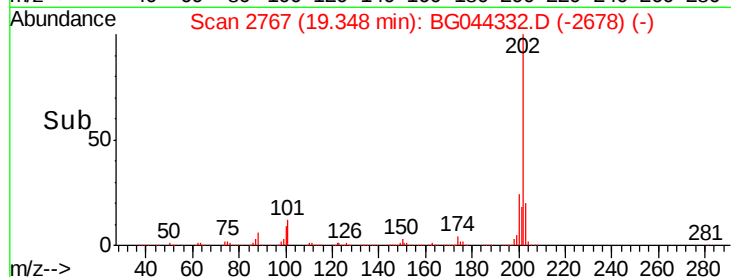
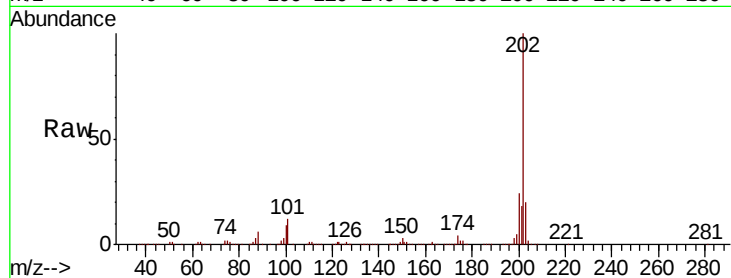
202 100

101 12.2 0.0 31.3

203 20.1 0.0 39.9

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

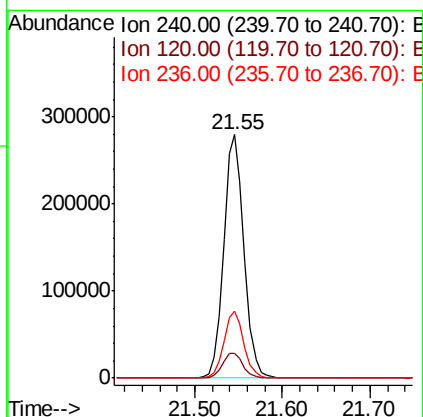
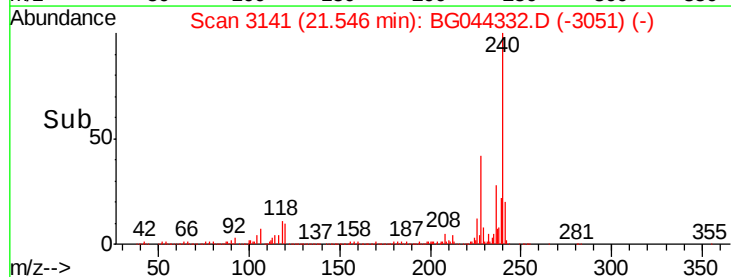
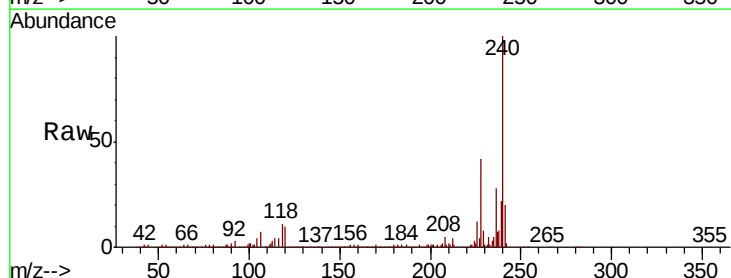
Tgt Ion:240 Resp: 441417

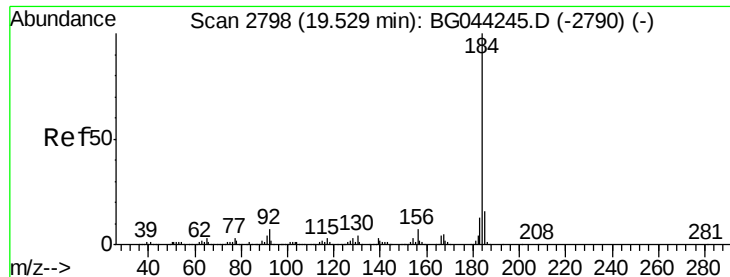
Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 27.6 22.1 33.1





#77

Benzidine

Concen: 30.421 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

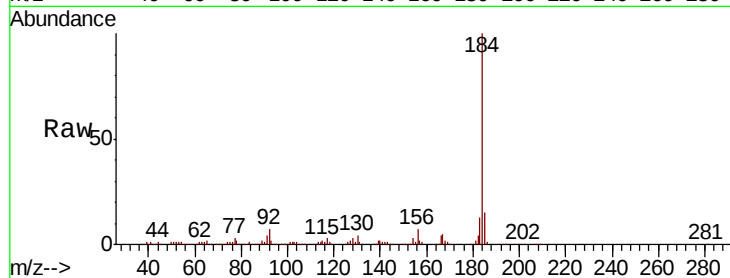
ClientSampleId :

PB126601BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.9	19.3
183	12.8	10.8	16.2

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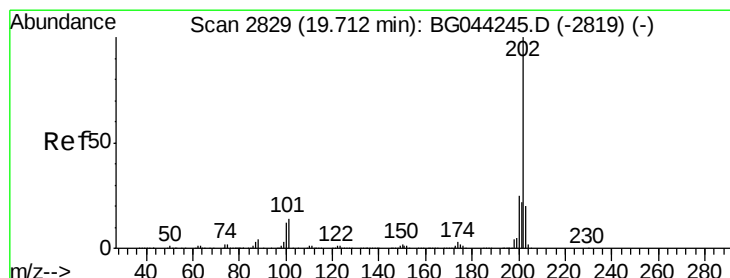
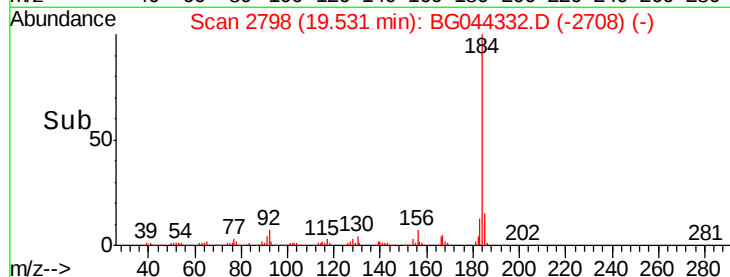
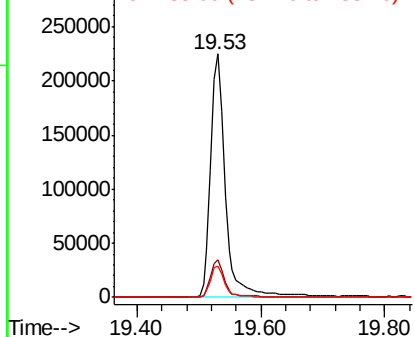


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.689 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

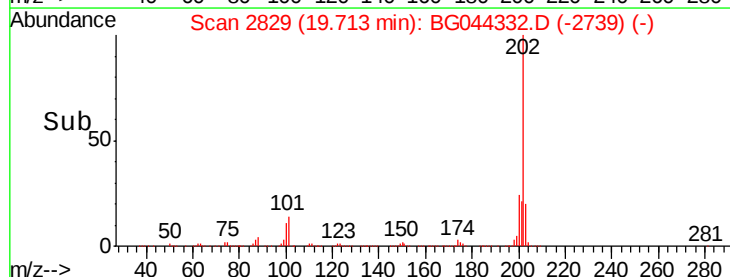
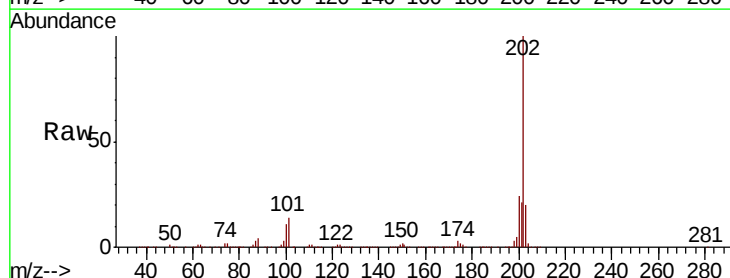
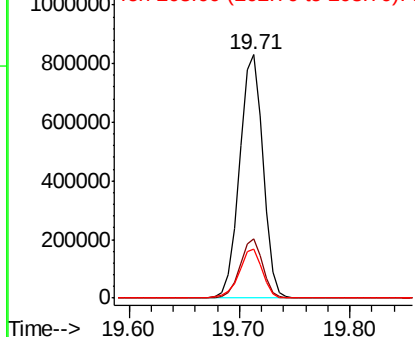
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.3	20.0	30.0
203	20.0	16.2	24.2

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





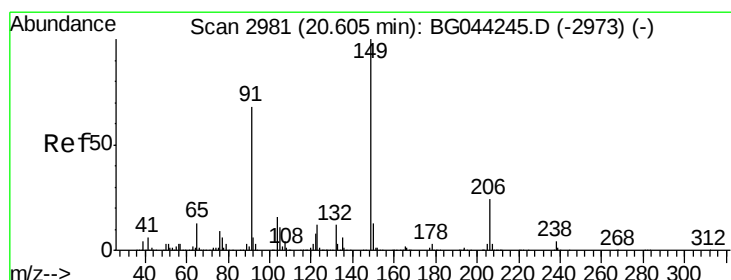
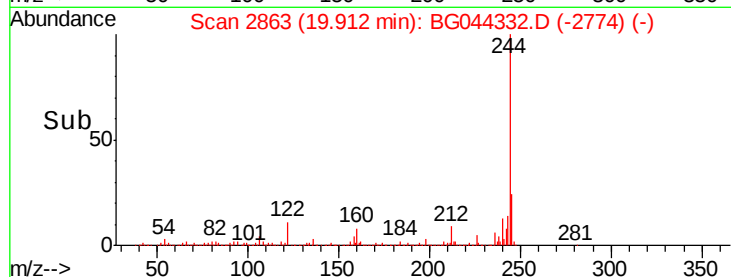
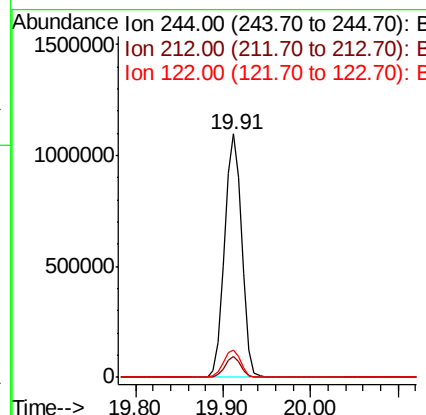
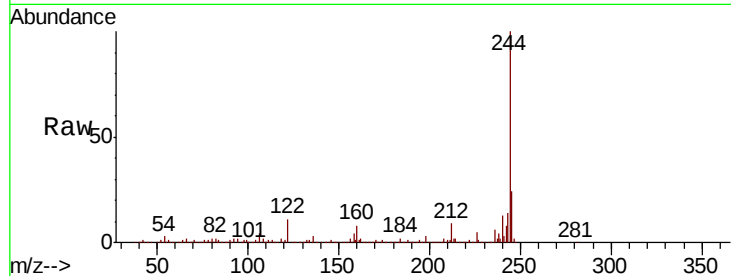
#79
 Terphenyl-d14
 Concen: 69.802 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.5	9.8	14.6

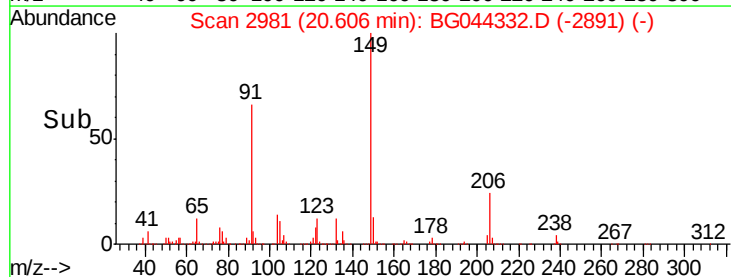
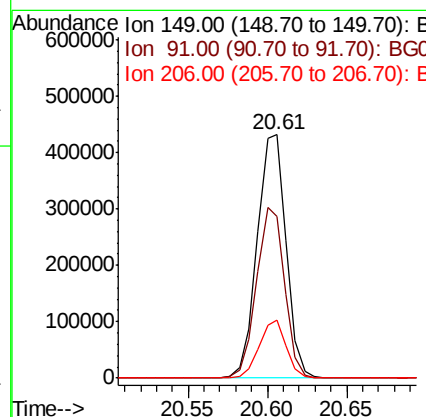
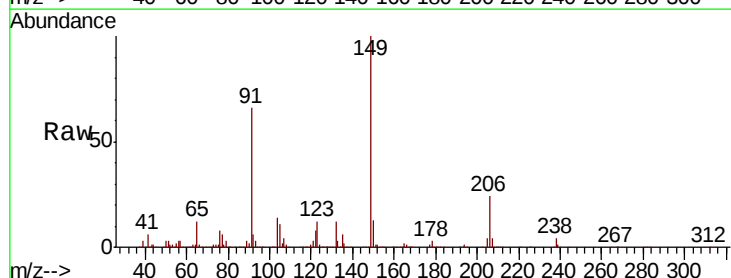
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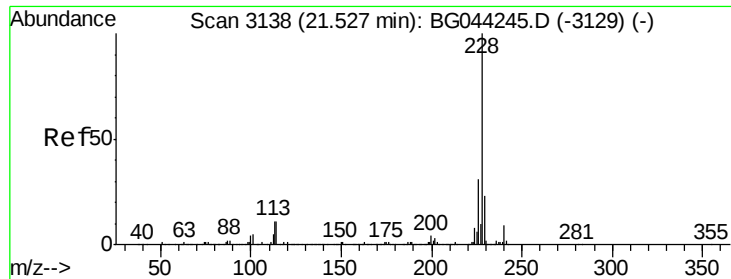
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.427 ng
 RT: 20.61 min Scan# 2981
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	54.5	81.7
206	23.9	19.1	28.7





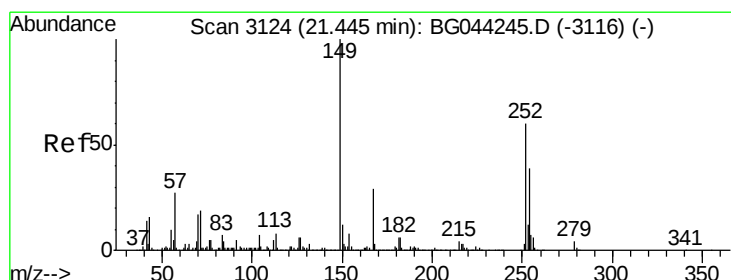
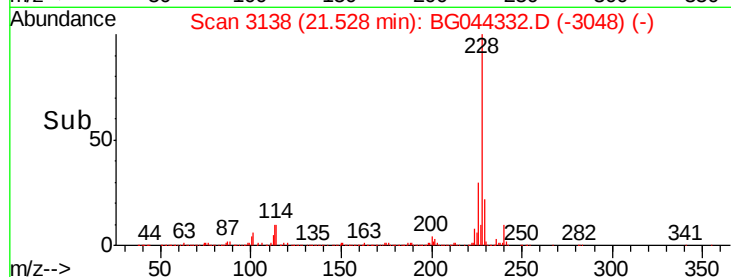
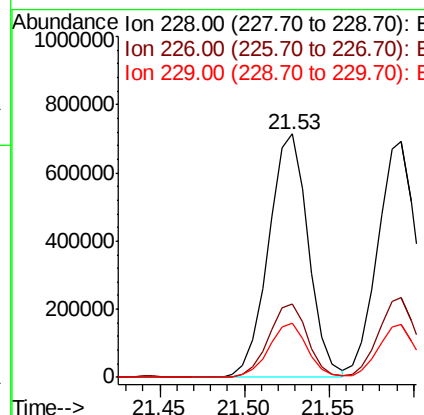
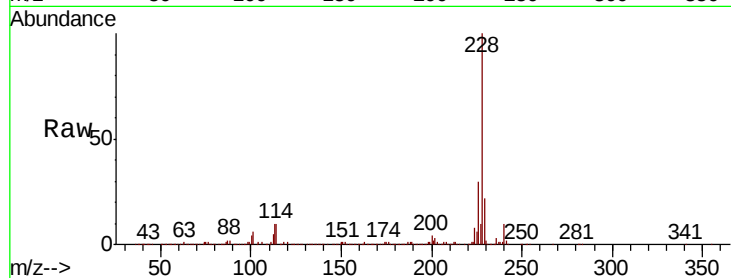
#81
Benzo(a)anthracene
Concen: 42.843 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	22.3	18.2	27.4

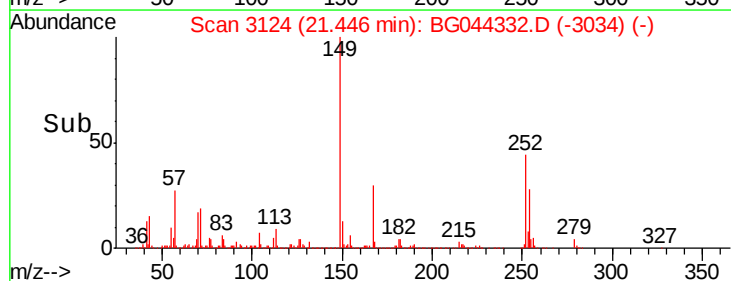
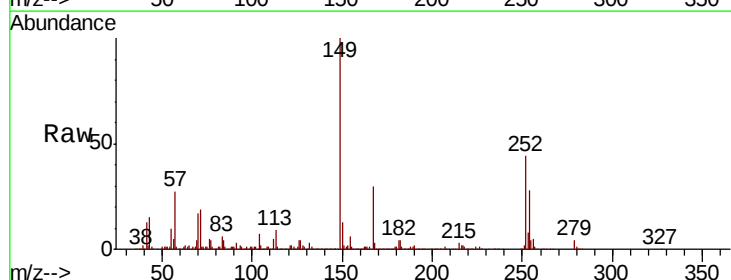
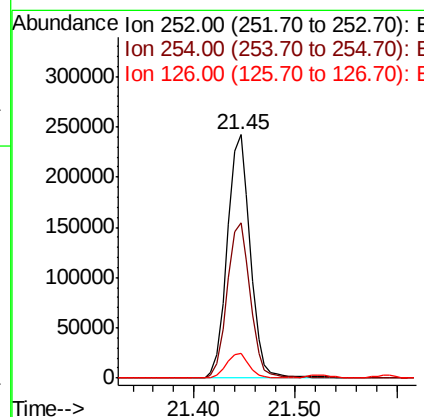
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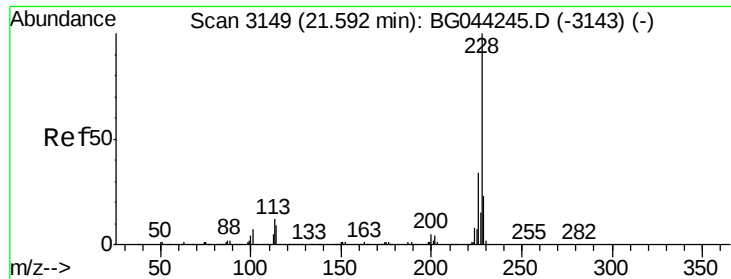
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#82
3,3'-Dichlorobenzidine
Concen: 36.129 ng
RT: 21.45 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	78.8
126	10.0	8.2	12.4





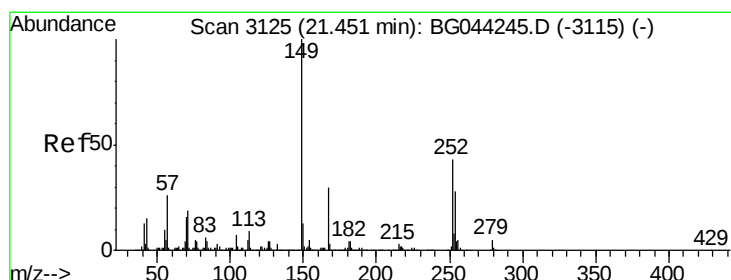
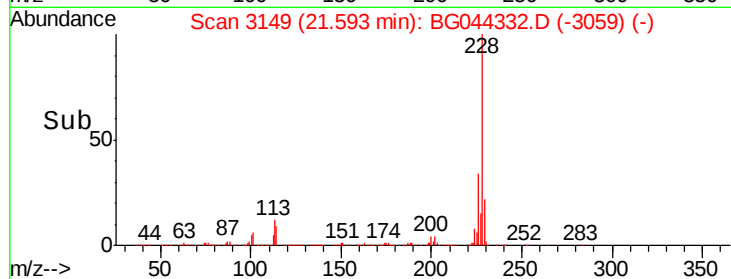
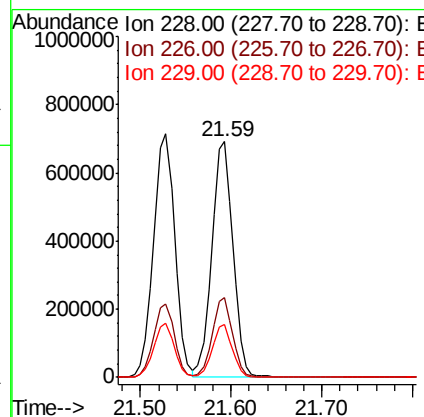
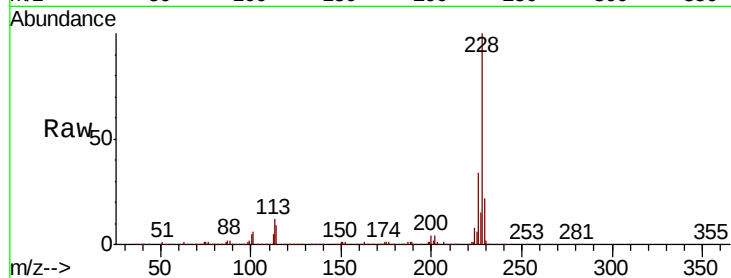
#83
 Chrysene
 Concen: 42.701 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.1	40.7
229	22.3	17.9	26.9

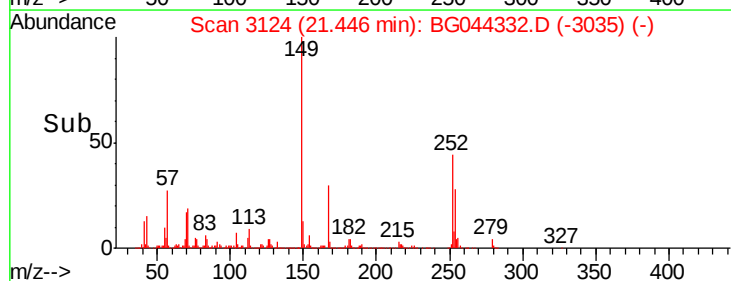
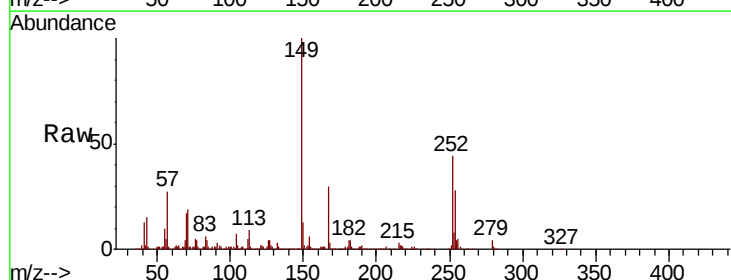
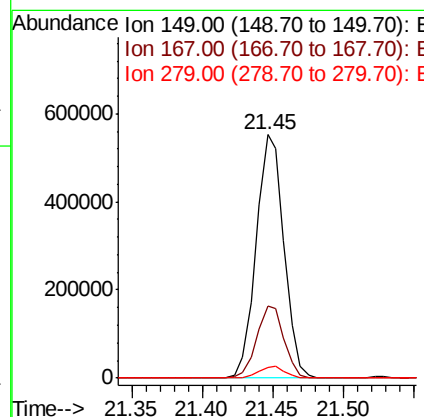
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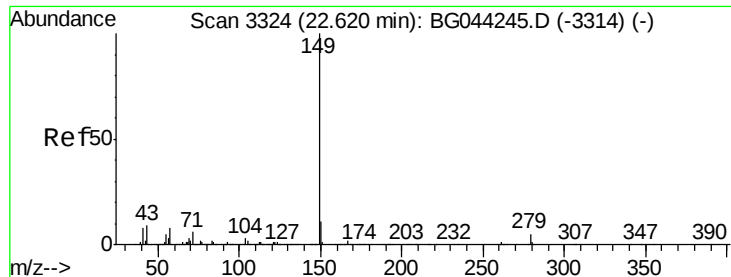
mohammad
 2/11/2020 8:25:46 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.882 ng
 RT: 21.45 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG044332.D
 Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.0	36.0
279	4.4	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 44.148 ng

RT: 22.62 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

ClientSampleID :

PB126601BS

Tot Ion:149 Resp: 1358242

Ion Ratio Lower Upper

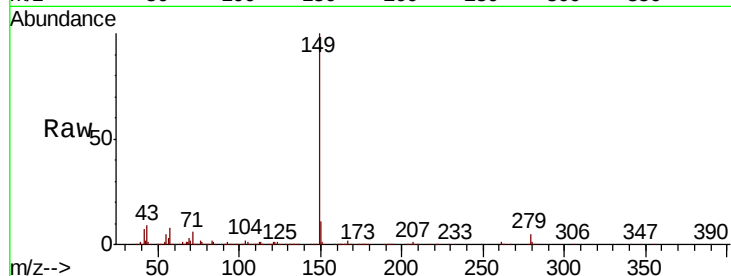
149 100

167 1.7 1.3 1.9

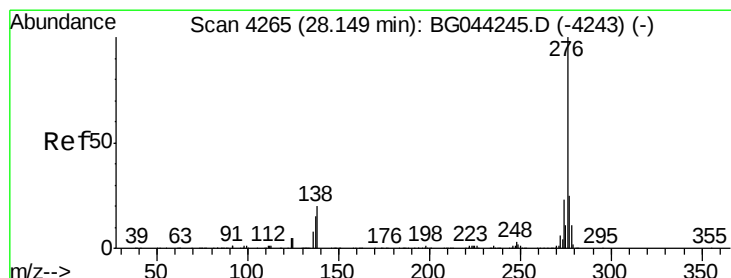
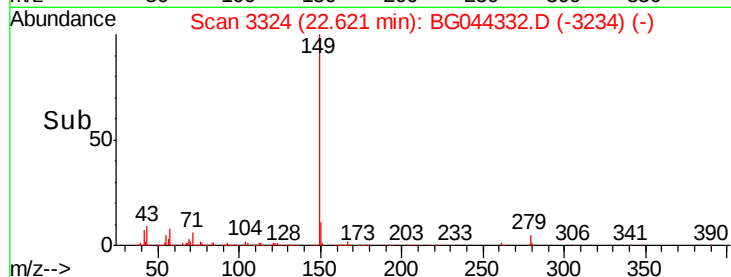
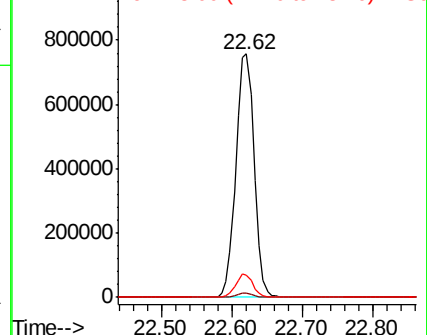
43 8.9 7.4 11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.258 ng

RT: 28.16 min Scan# 4266

Delta R.T. 0.01 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

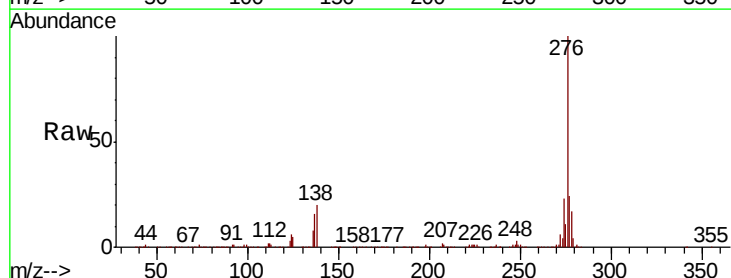
Tgt Ion:276 Resp: 1415435

Ion Ratio Lower Upper

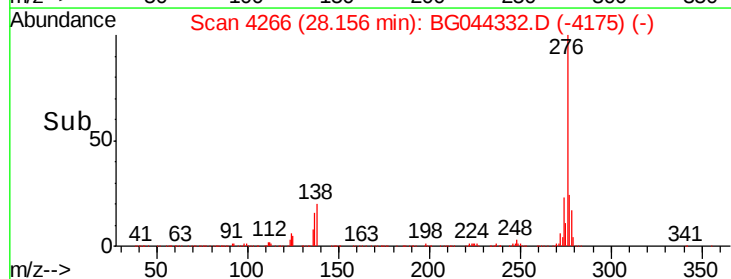
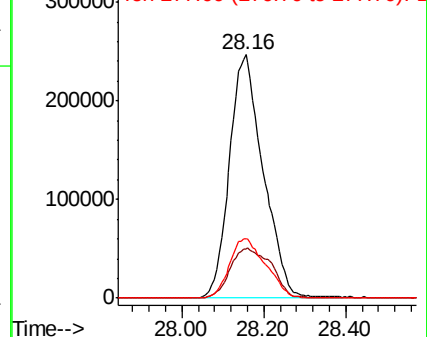
276 100

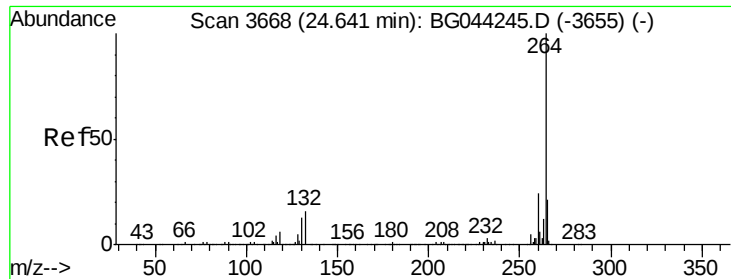
138 24.9 19.4 29.0

277 26.3 21.0 31.6



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044332.D

Acq: 7 Feb 2020 11:33

Instrument :

BNA_G

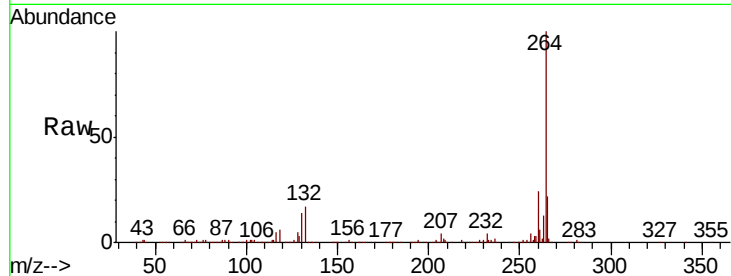
ClientSampleId :

PB126601BS

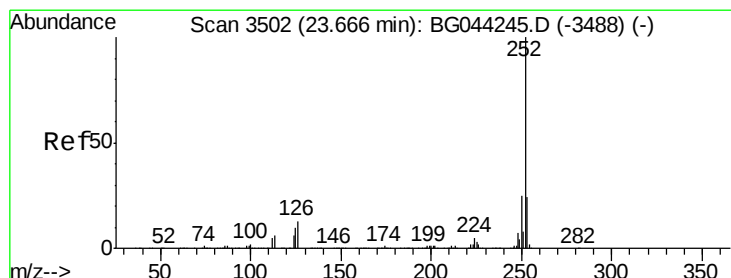
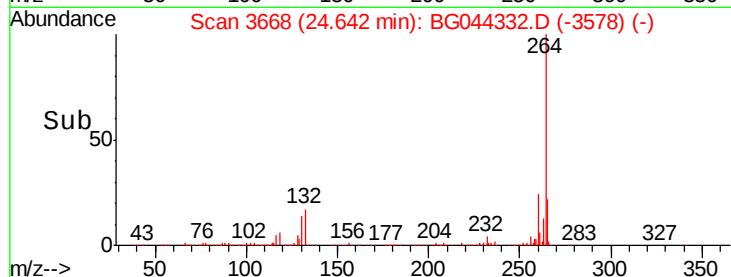
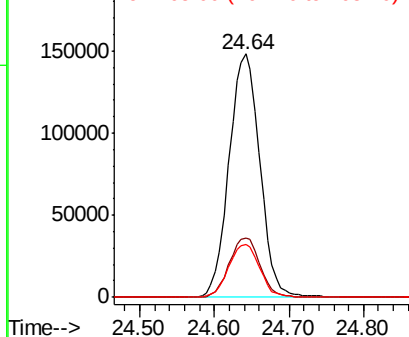
Tot Ion:	264	Resp:	424085
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	21.9	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.743 ng

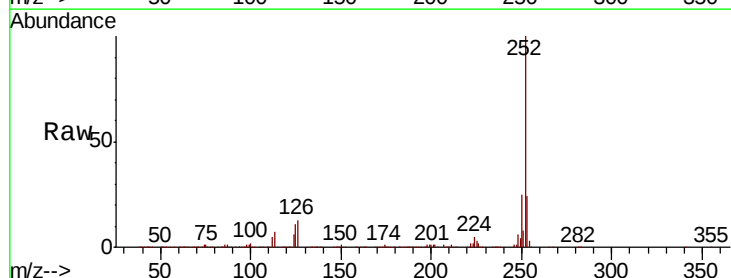
RT: 23.67 min Scan# 3502

Delta R.T. 0.00 min

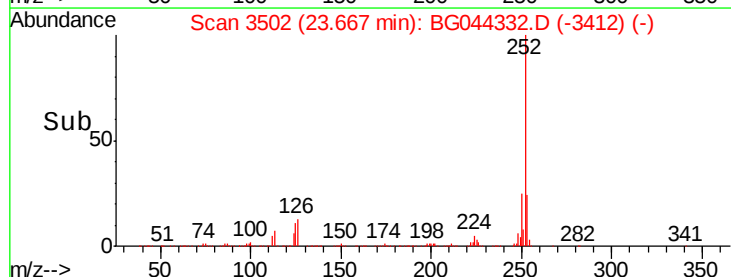
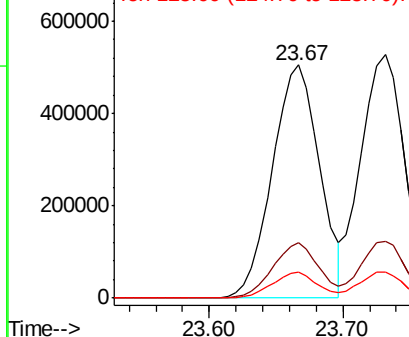
Lab File: BG044332.D

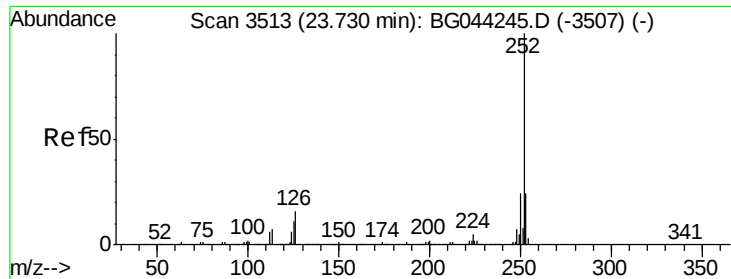
Acq: 7 Feb 2020 11:33

Tgt Ion:	252	Resp:	1240031
Ion Ratio	Lower	Upper	
252	100		
253	23.8	19.2	28.8
125	11.0	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





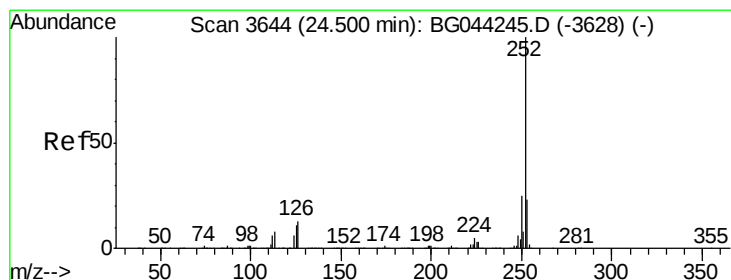
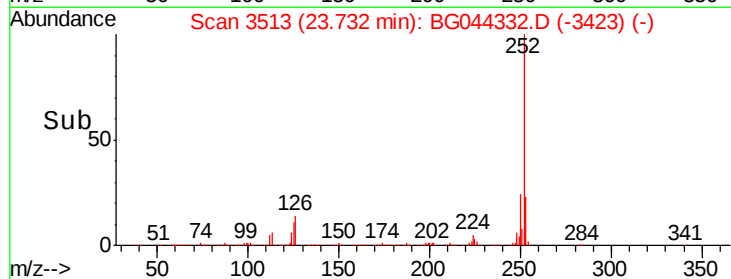
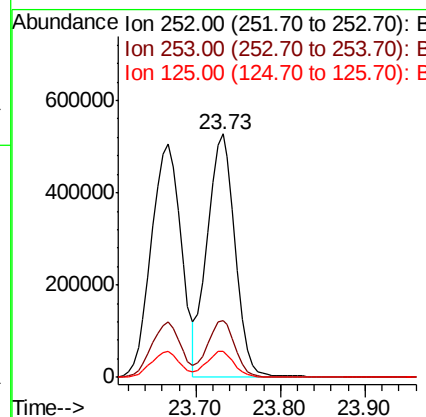
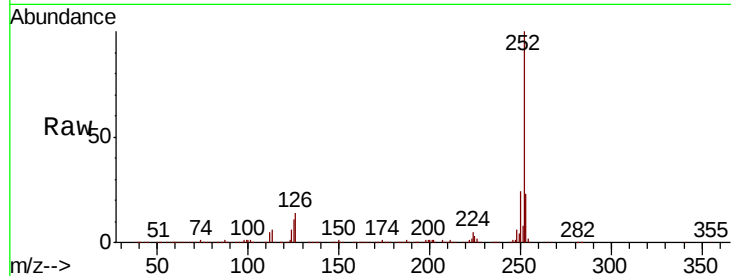
#89
Benzo(k)fluoranthene
Concen: 50.823 ng
RT: 23.73 min Scan# 3513
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	10.7	8.6	12.8

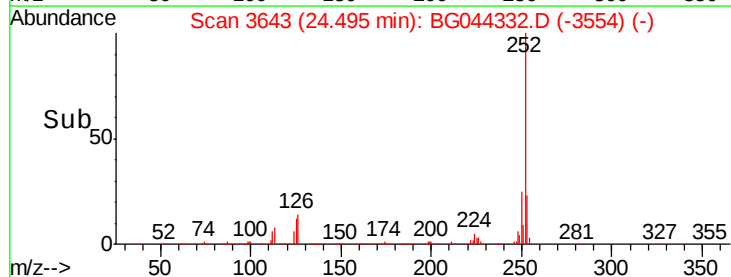
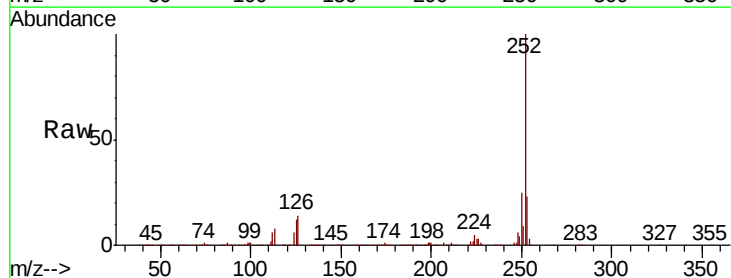
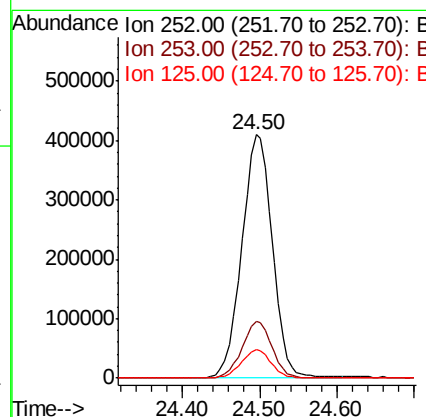
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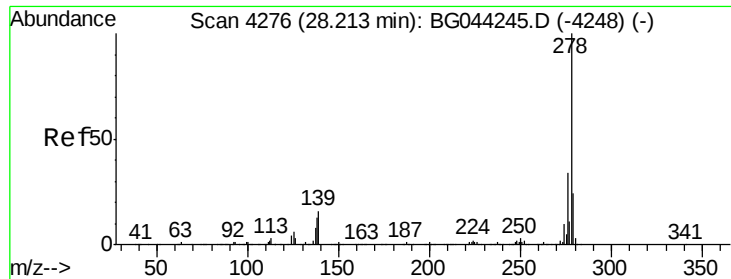
mohammad
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#90
Benzo(a)pyrene
Concen: 49.165 ng
RT: 24.50 min Scan# 3643
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.8	8.6	13.0





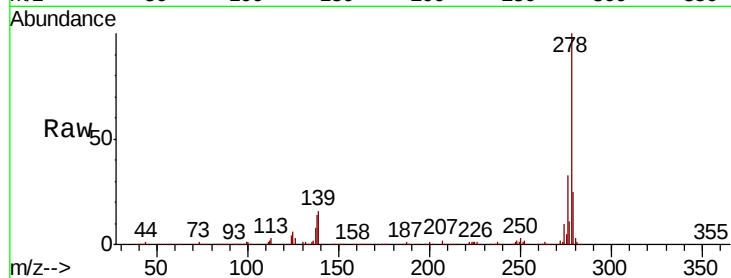
#91
Dibenzo(a,h)anthracene
Concen: 51.140 ng
RT: 28.21 min Scan# 4276
Delta R.T. 0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	25.2	19.3	28.9

Manual Integrations
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mohammad
2/11/2020 8:25:46 AM

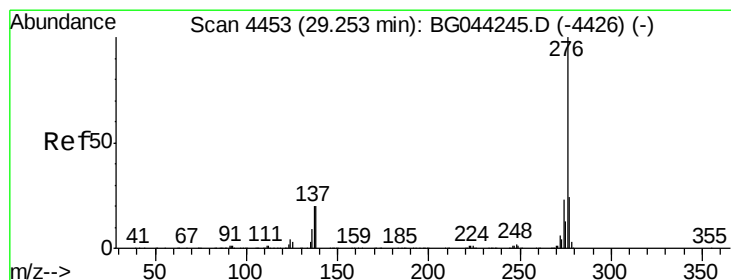
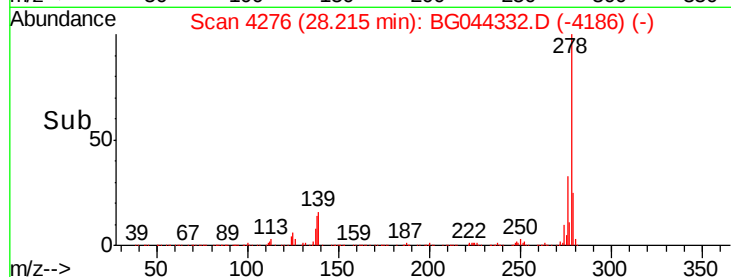
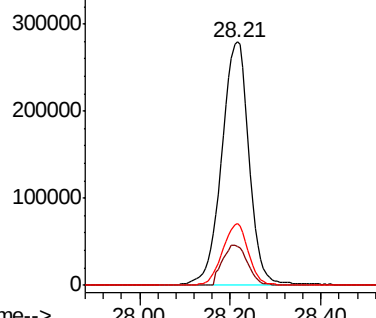


Abundance

Ion 278.00 (277.70 to 278.70): E

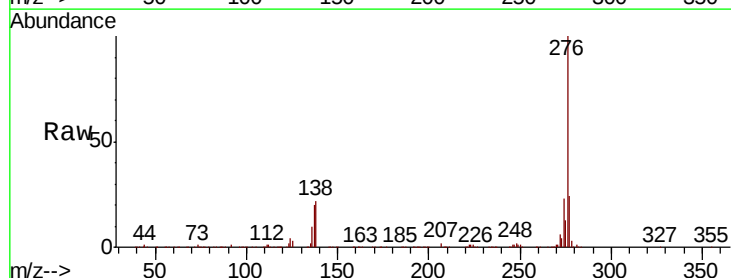
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.163 ng
RT: 29.25 min Scan# 4452
Delta R.T. -0.00 min
Lab File: BG044332.D
Acq: 7 Feb 2020 11:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.8	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

