

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043481.D
 Acq On : 4 Nov 2019 15:17
 Operator : JU
 Sample : PB124488BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BS

Manual Integrations
 APPROVED

mohammad
 11/5/2019 10:41:05 AM

Quant Time: Nov 04 15:59:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34207	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	142513	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	120554	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	293057	20.00	ng	0.00
76) Chrysene-d12	21.66	240	332630	20.00	ng	0.00
87) Perylene-d12	24.85	264	359283	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	243042	130.20	ng	0.00
7) Phenol-d6	7.20	99	327237	121.84	ng	0.00
23) Nitrobenzene-d5	9.18	82	161850	58.55	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	228462	99.58	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	459776	52.70	ng	0.00
79) Terphenyl-d14	20.00	244	965569	54.46	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.47	88	26558	36.508	ng	95
3) Pyridine	3.87	79	63701	34.714	ng	95
4) n-Nitrosodimethylamine	3.79	42	40428	43.660	ng	# 90
6) Aniline	7.34	93	107683	34.805	ng	97
8) 2-Chlorophenol	7.58	128	96634	46.895	ng	96
9) Benzaldehyde	7.15	77	48448	36.705	ng	95
10) Phenol	7.22	94	118928	48.458	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	74814	39.428	ng	96
12) 1,3-Dichlorobenzene	7.90	146	104962	40.654	ng	95
13) 1,4-Dichlorobenzene	8.04	146	109035	41.741	ng	95
14) 1,2-Dichlorobenzene	8.36	146	101885	39.947	ng	98
15) Benzyl Alcohol	8.25	79	84171	44.624	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.54	45	102957	37.315	ng	96
17) 2-Methylphenol	8.46	107	81403	45.498	ng	97
18) Hexachloroethane	9.09	117	36604	38.839	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	71442	41.165	ng	94
20) 3+4-Methylphenols	8.79	107	112470	45.843	ng	96
22) Acetophenone	8.83	105	140867	38.598	ng	99
24) Nitrobenzene	9.22	77	108308	41.130	ng	98
25) Isophorone	9.73	82	203156	40.198	ng	99
26) 2-Nitrophenol	9.93	139	55919	43.985	ng	96
27) 2,4-Dimethylphenol	10.00	122	94801	52.027	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	111631	40.020	ng	99
29) 2,4-Dichlorophenol	10.47	162	106728	45.714	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	113143	38.451	ng	96
31) Naphthalene	10.87	128	303162	41.909	ng	98
32) Benzoic acid	10.16	122	49341	37.827	ng	91
33) 4-Chloroaniline	10.99	127	82747	27.905	ng	98
34) Hexachlorobutadiene	11.15	225	78816	36.234	ng	96
35) Caprolactam	11.75	113	33738m	41.959	ng	
36) 4-Chloro-3-methylphenol	12.11	107	113567	44.595	ng	98
37) 2-Methylnaphthalene	12.47	142	234132	42.183	ng	96
38) 1-Methylnaphthalene	12.69	142	224158	42.445	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	149015	33.400	ng	98

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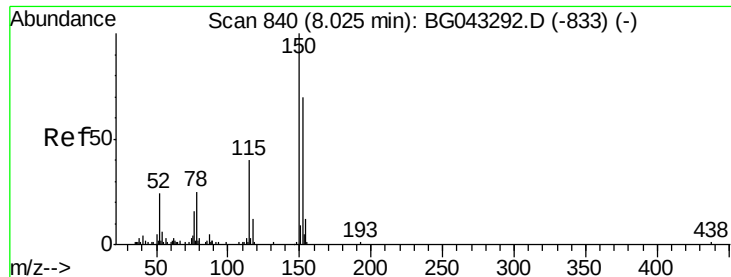
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	148692	63.444	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	100947	38.420	ng	93
44) 2,4,5-Trichlorophenol	13.17	196	108741	40.937	ng	97
46) 1,1'-Biphenyl	13.48	154	317669	34.638	ng	96
47) 2-Chloronaphthalene	13.52	162	241622	34.626	ng	99
48) 2-Nitroaniline	13.72	65	72952	34.979	ng	94
49) Acenaphthylene	14.36	152	400236	36.853	ng	99
50) Dimethylphthalate	14.09	163	330219	35.364	ng	99
51) 2,6-Dinitrotoluene	14.22	165	74646	36.797	ng	97
52) Acenaphthene	14.70	154	235384	35.541	ng	93
53) 3-Nitroaniline	14.55	138	56015	28.600	ng	100
54) 2,4-Dinitrophenol	14.76	184	86245	69.168	ng	95
55) Dibenzofuran	15.04	168	395488	36.823	ng	99
56) 4-Nitrophenol	14.89	139	112382	85.624	ng	93
57) 2,4-Dinitrotoluene	15.00	165	111239	38.370	ng	99
58) Fluorene	15.69	166	332293	36.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	107932	38.244	ng	95
60) Diethylphthalate	15.46	149	337171	35.936	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	189408	36.043	ng	99
62) 4-Nitroaniline	15.72	138	72602	35.893	ng	95
63) Azobenzene	15.97	77	275400	36.268	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	70777	41.039	ng	96
66) n-Nitrosodiphenylamine	15.90	169	296338	35.817	ng	97
67) 4-Bromophenyl-phenylether	16.57	248	134947	34.217	ng	92
68) Hexachlorobenzene	16.70	284	150684	33.285	ng	99
69) Atrazine	16.84	200	129393	45.007	ng	97
70) Pentachlorophenol	17.04	266	162665	78.855	ng	97
71) Phenanthrene	17.43	178	538546	35.887	ng	99
72) Anthracene	17.52	178	554493	36.931	ng	99
73) Carbazole	17.79	167	513004	37.730	ng	99
74) Di-n-butylphthalate	18.34	149	595544	36.099	ng	99
75) Fluoranthene	19.44	202	717646	36.682	ng	99
77) Benzidine	19.62	184	177685	26.543	ng	97
78) Pyrene	19.80	202	733848	35.642	ng	98
80) Butylbenzylphthalate	20.69	149	276192	35.407	ng	98
81) Benzo(a)anthracene	21.64	228	761952	36.570	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	267643	33.211	ng	100
83) Chrysene	21.70	228	733671	35.440	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	399164	36.023	ng	99
85) Di-n-octyl phthalate	22.74	149	696200	37.033	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	972539	37.425	ng	99
88) Benzo(b)fluoranthene	23.84	252	785486	38.601	ng	97
89) Benzo(k)fluoranthene	23.91	252	815397	39.804	ng	97
90) Benzo(a)pyrene	24.70	252	745497	38.365	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	830572	41.789	ng	99
92) Benzo(g,h,i)perylene	29.63	276	818975	41.773	ng	98

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



#1

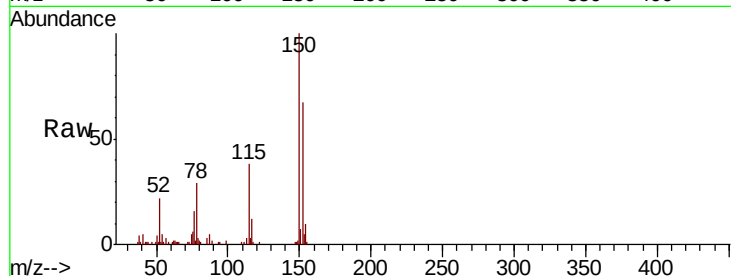
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
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ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	129.4	194.0
115	56.4	48.8	73.2

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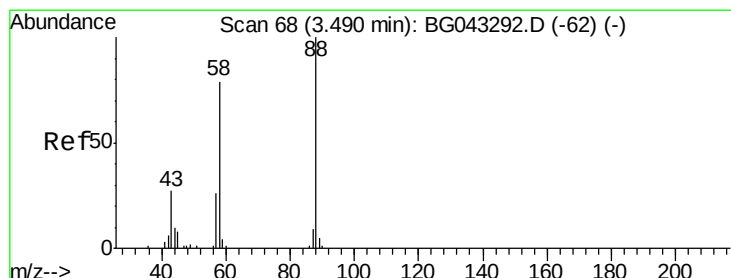
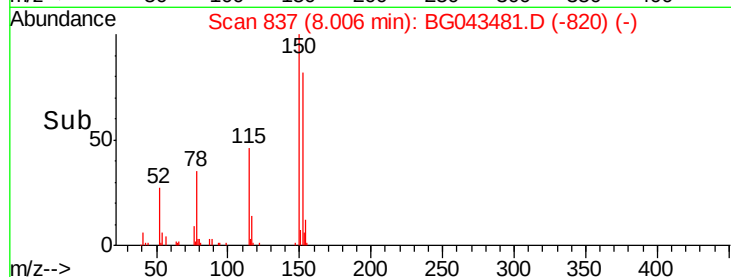
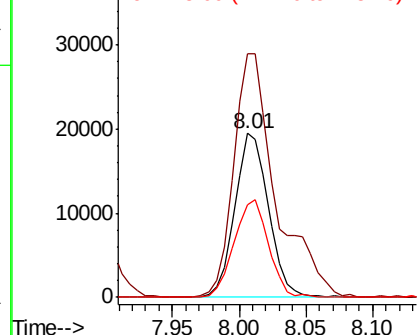


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

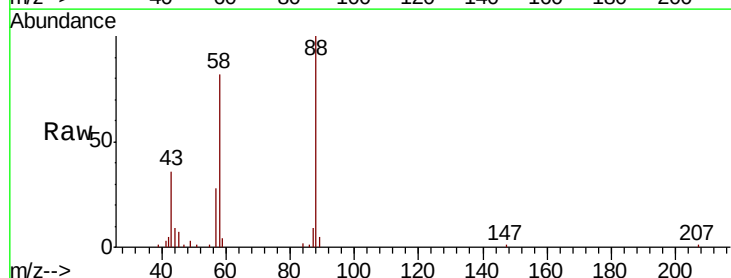
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.508 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	62.7	94.1
43	33.4	23.7	35.5

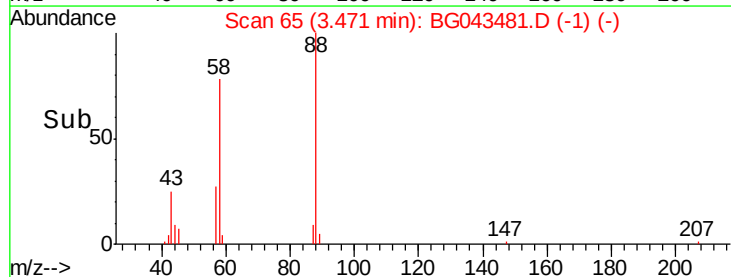
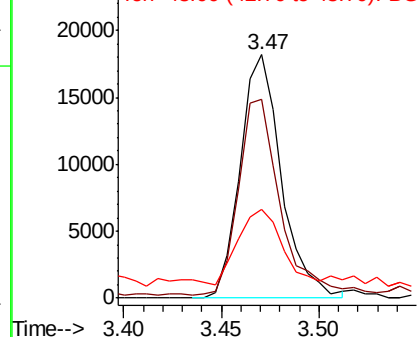


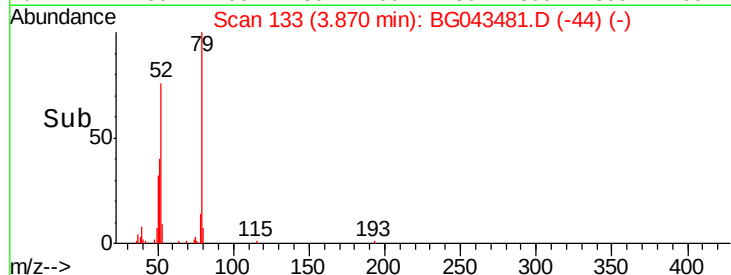
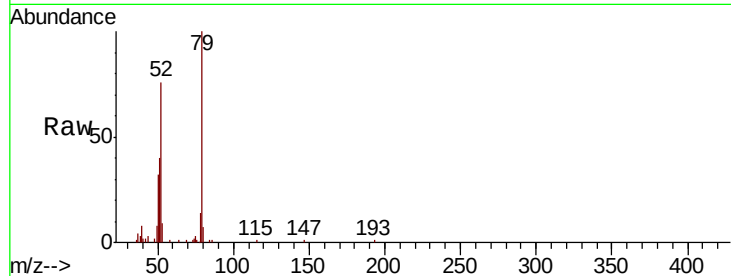
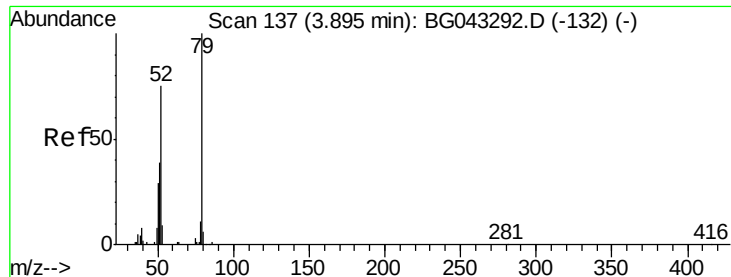
Abundance

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





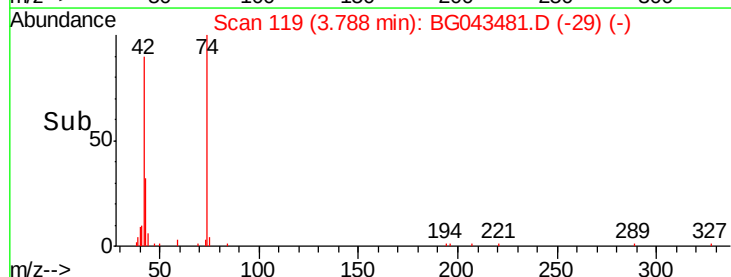
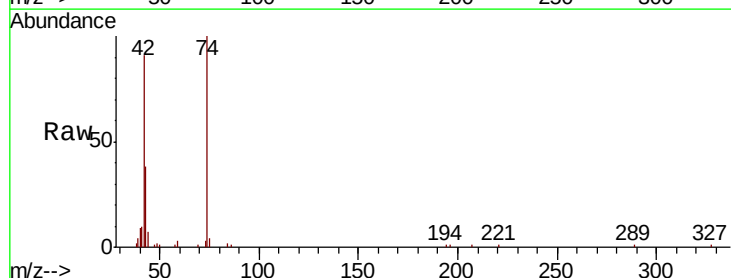
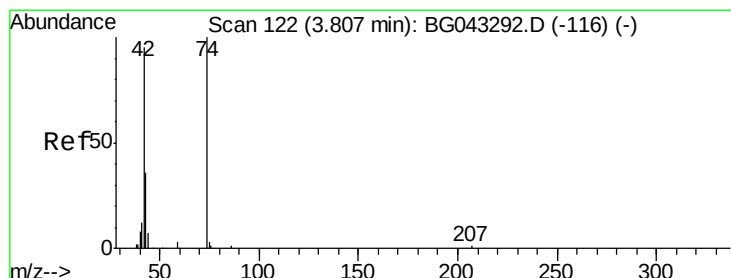
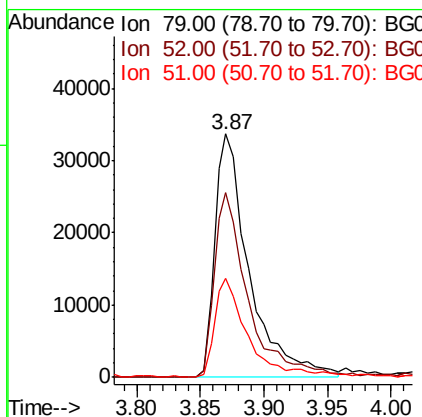
#3
Pvridine
Concen: 34.714 ng
RT: 3.87 min Scan# 133
Delta R.T. -0.01 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.7	56.5	84.7
51	40.4	33.2	49.8

Instrument :
BNA_G
ClientSampleId :
PB124488BS

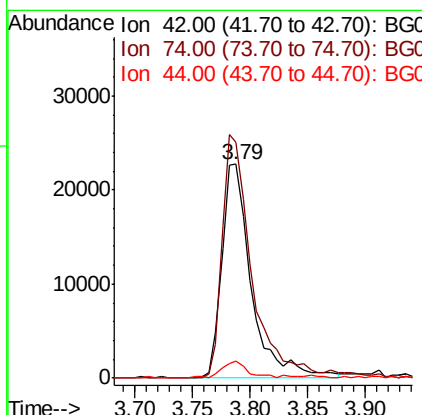
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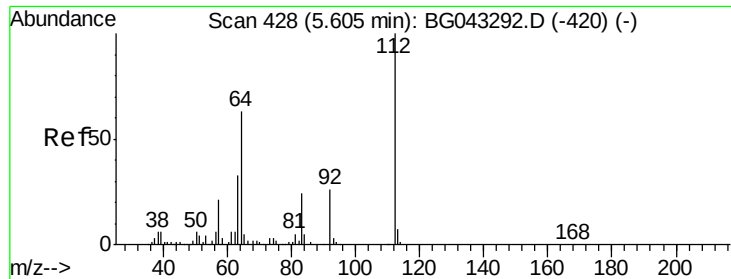
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#4
n-Nitrosodimethylamine
Concen: 43.660 ng
RT: 3.79 min Scan# 119
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.2	97.3	145.9
44	8.0	4.4	6.6#





#5

2-Fluorophenol

Concen: 130.196 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

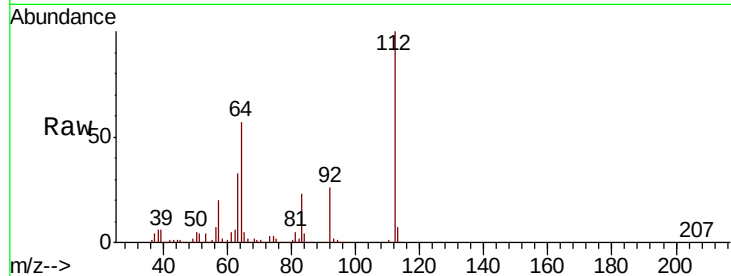
ClientSampleId :

PB124488BS

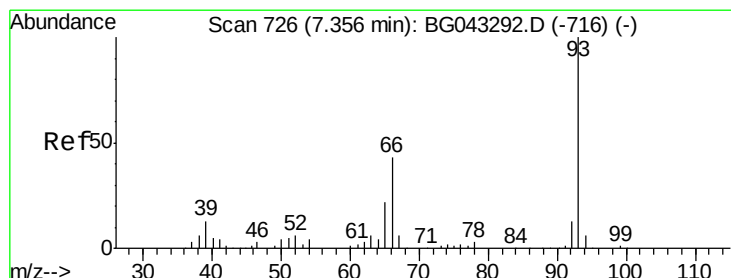
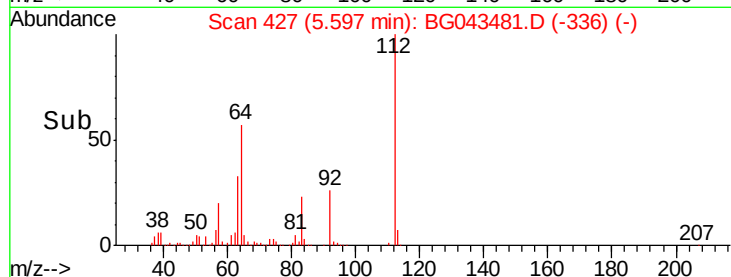
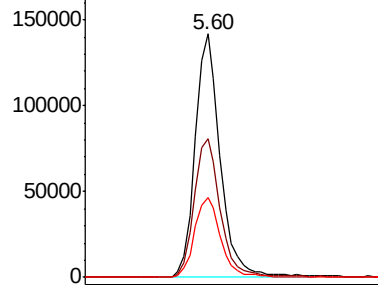
Tot Ion:	112	Resp:	243042
Ion Ratio	Lower	Upper	
112	100		
64	57.1	50.0	75.0
63	33.0	26.6	40.0

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



#6

Aniline

Concen: 34.805 ng

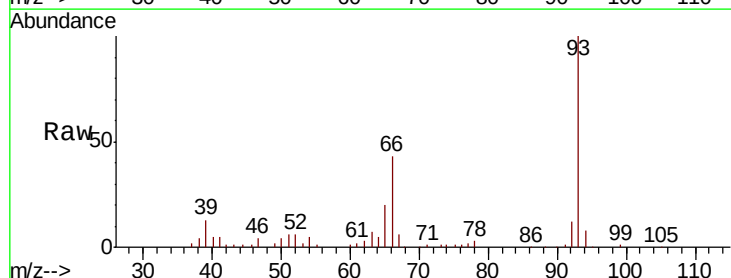
RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

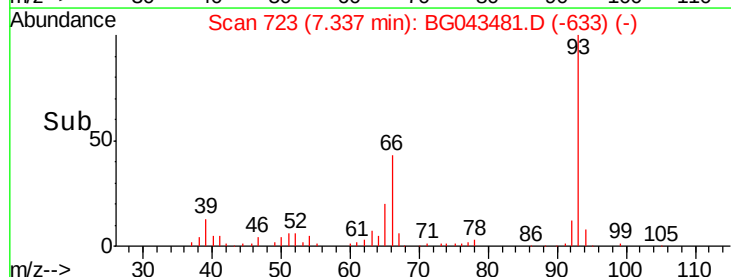
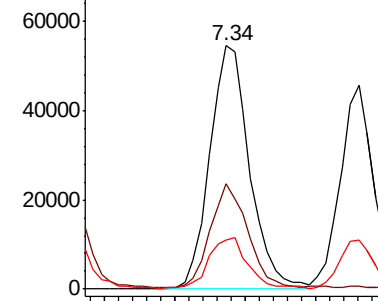
Lab File: BG043481.D

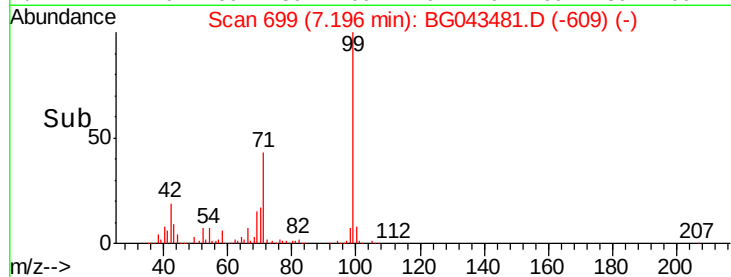
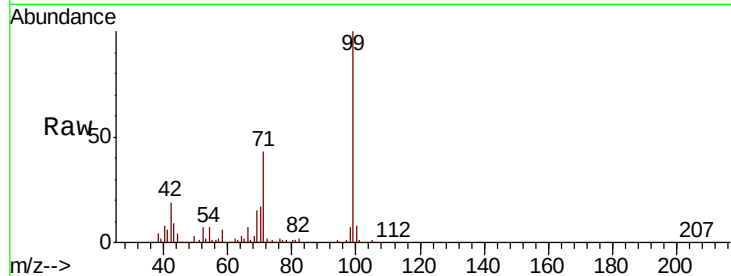
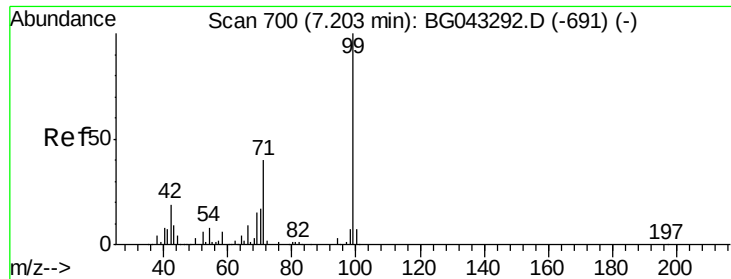
Acq: 4 Nov 2019 15:17

Tgt Ion:	93	Resp:	107683
Ion Ratio	Lower	Upper	
93	100		
66	43.3	32.3	48.5
65	20.4	16.1	24.1



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





#7

Phenol-d6

Concen: 121.840 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tot Ion:	99	Resp:	327237
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.6	21.8
71	42.9	32.5	48.7

Instrument :

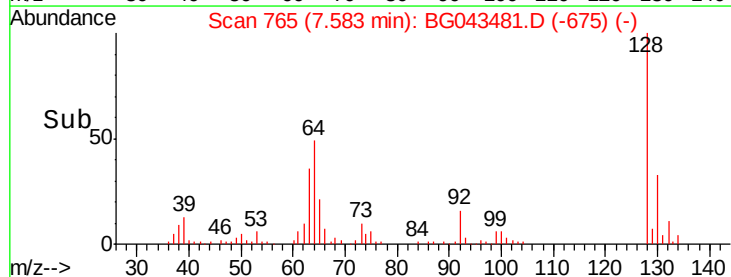
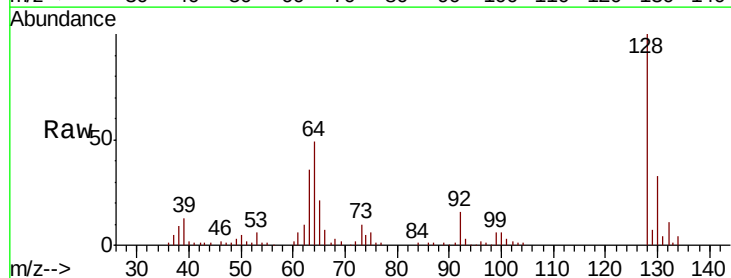
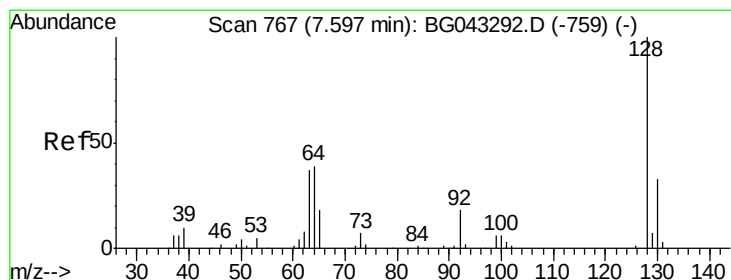
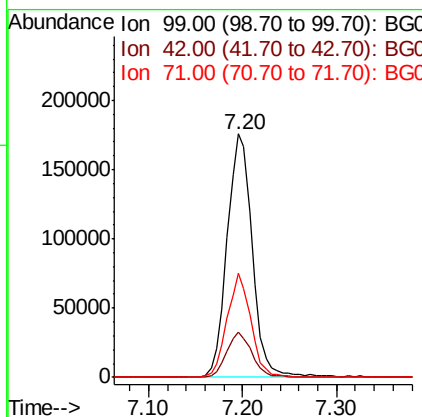
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#8

2-Chlorophenol

Concen: 46.895 ng

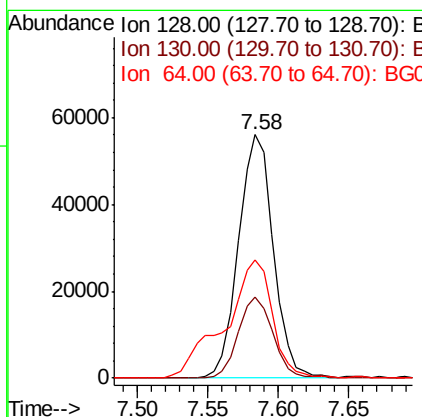
RT: 7.58 min Scan# 765

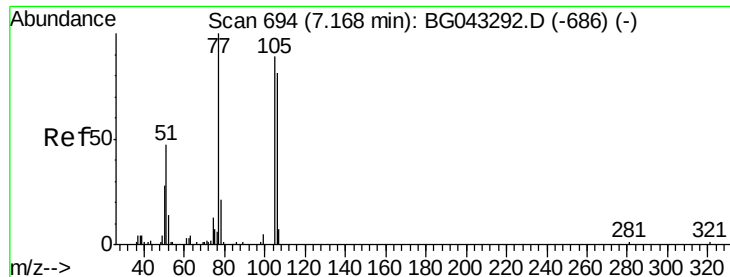
Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:	128	Resp:	96634
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.5	52.5
64	48.6	25.3	65.3





#9

Benzaldehyde

Concen: 36.705 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

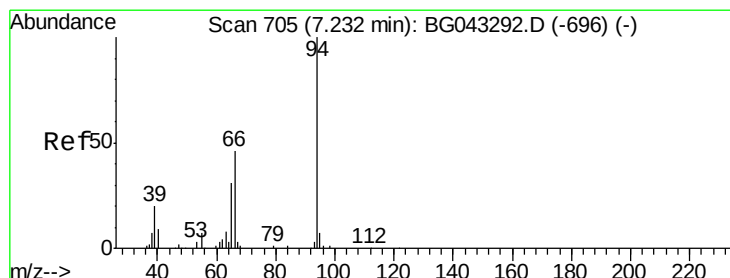
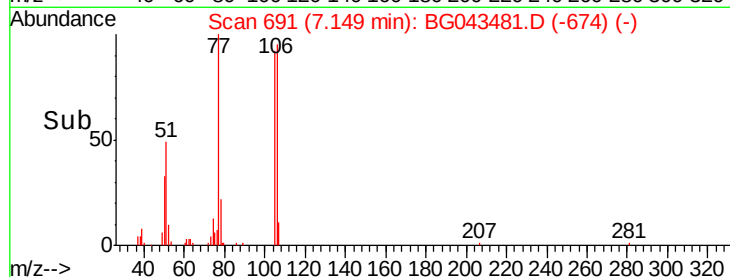
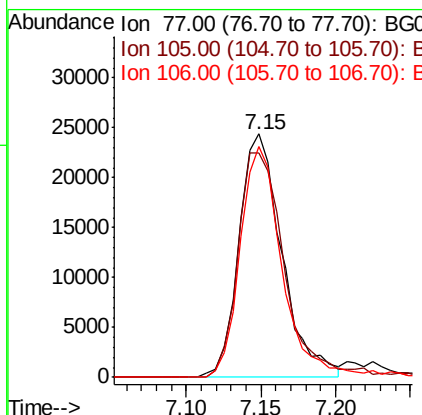
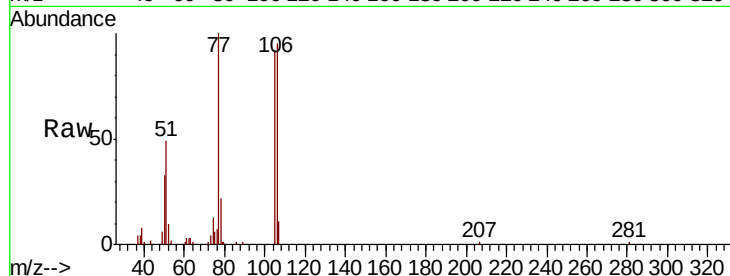
ClientSampleId :

PB124488BS

Tot Ion:	77	Resp:	48448
Ion	Ratio	Lower	Upper
77	100		
105	92.1	68.6	108.6
106	94.8	69.9	109.9

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#10

Phenol

Concen: 48.458 ng

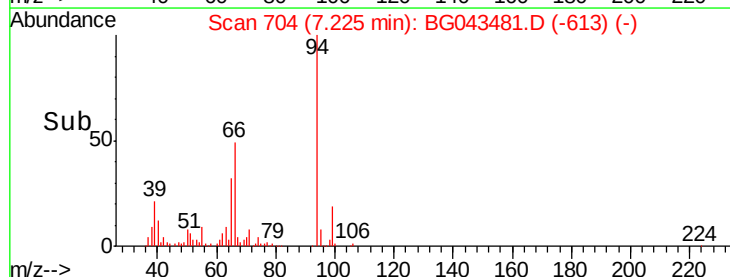
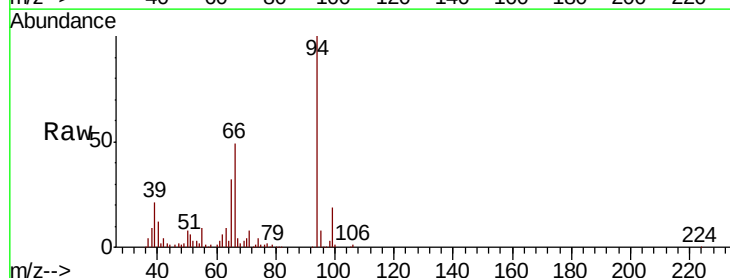
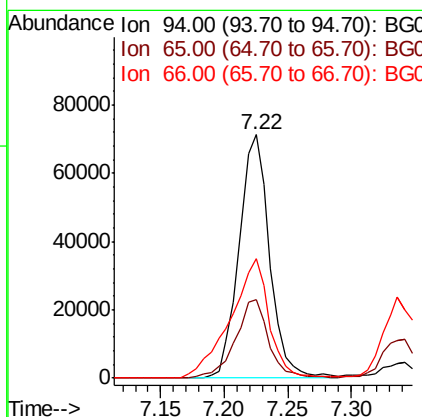
RT: 7.22 min Scan# 704

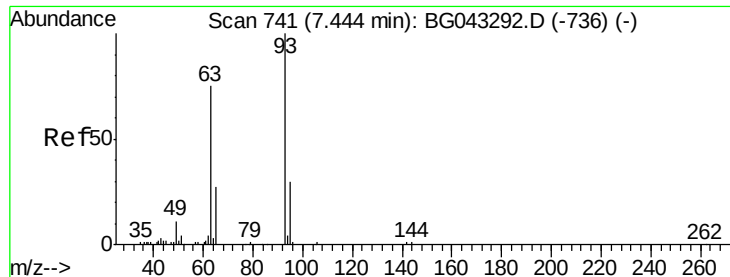
Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:	94	Resp:	118928
Ion	Ratio	Lower	Upper
94	100		
65	32.3	12.6	52.6
66	49.2	30.7	70.7





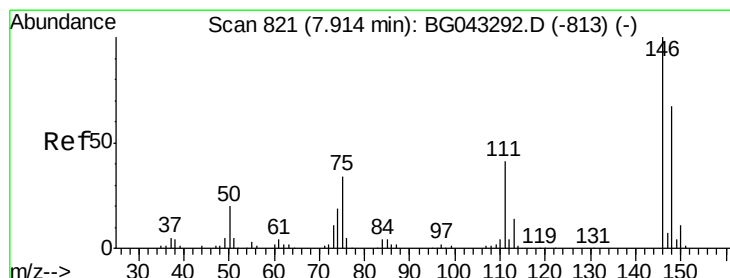
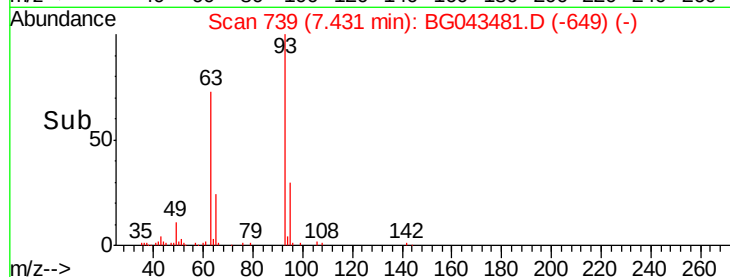
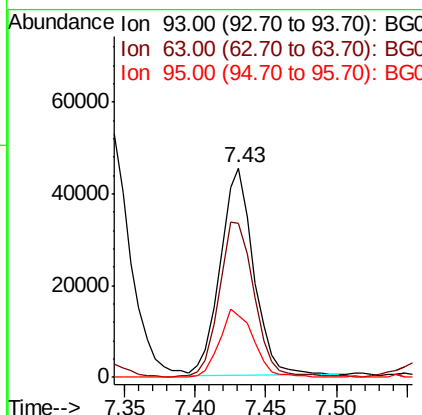
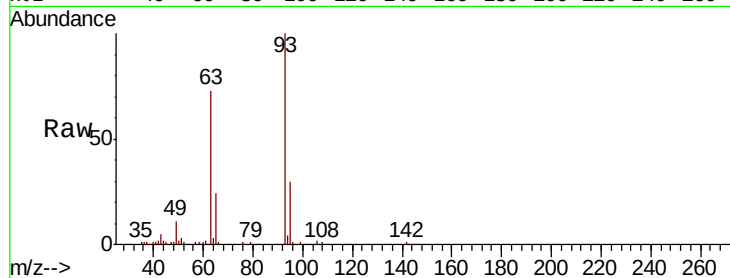
#11
bis(2-Chloroethyl)ether
Concen: 39.428 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	56.3	96.3
95	29.5	12.2	52.2

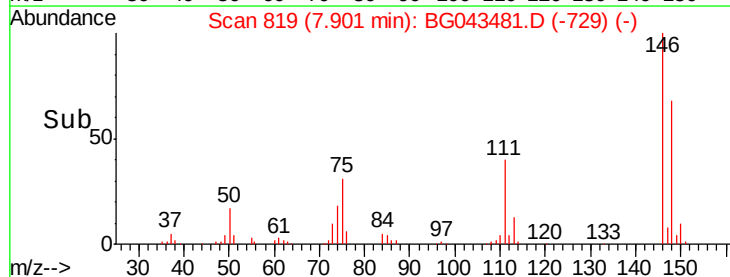
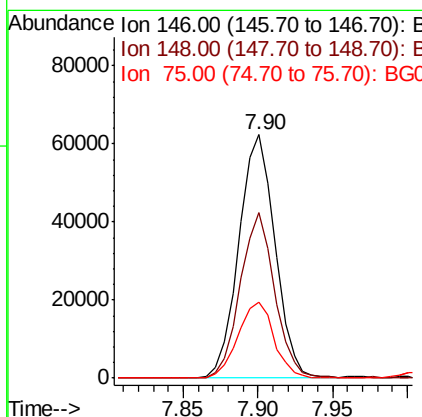
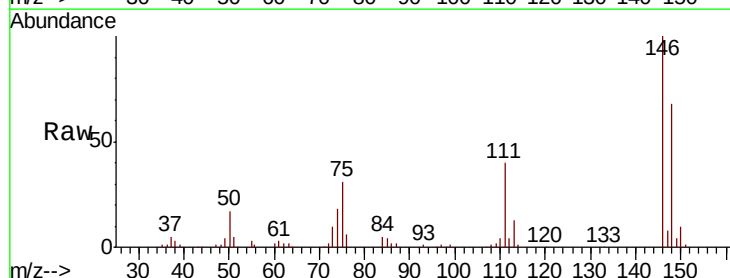
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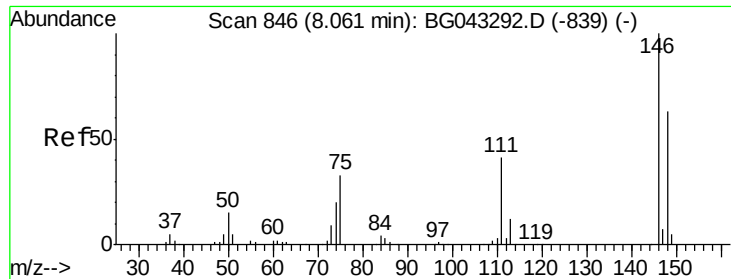
mohammad
11/5/2019 10:41:05 AM



#12
1,3-Dichlorobenzene
Concen: 40.654 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	50.3	75.5
75	31.4	24.6	37.0





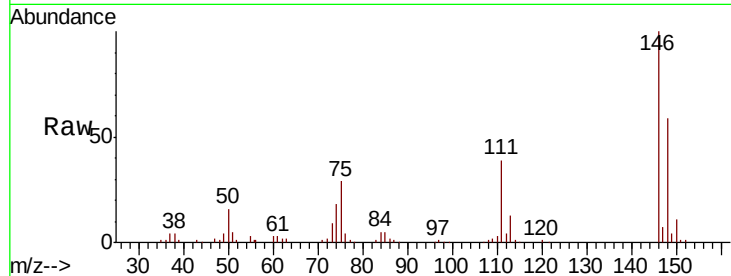
#13
1,4-Dichlorobenzene
Concen: 41.741 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.4	50.7	76.1
111	39.5	33.4	50.2

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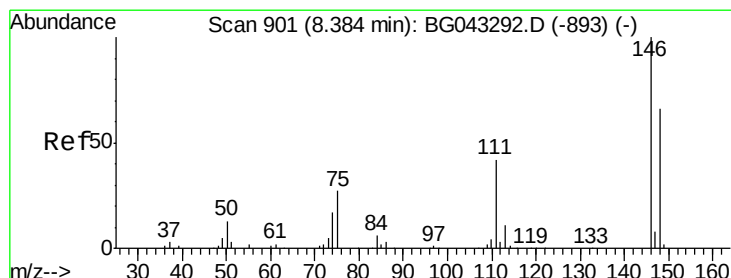
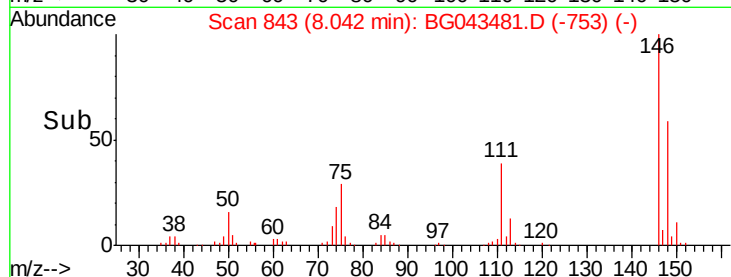
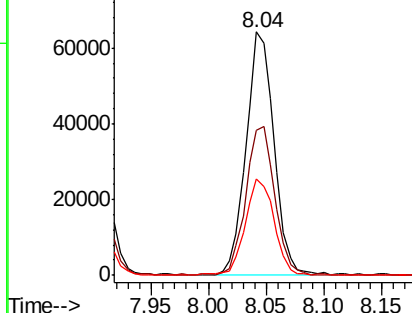


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.947 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

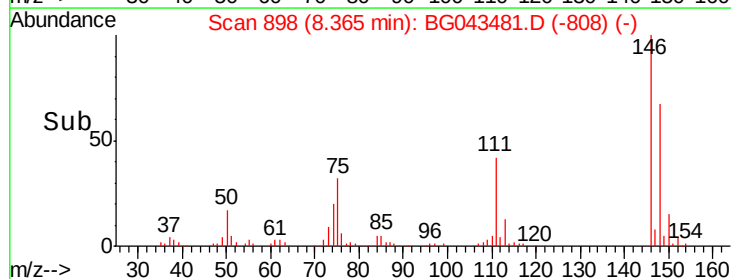
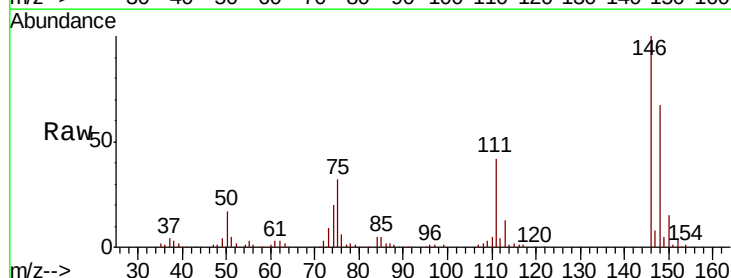
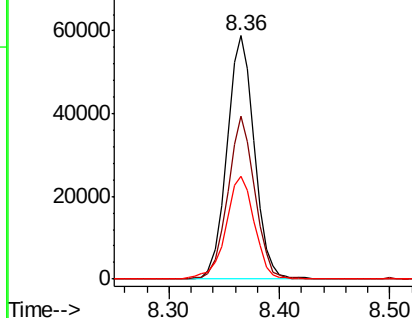
Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	53.2	79.8
111	42.0	35.8	53.6

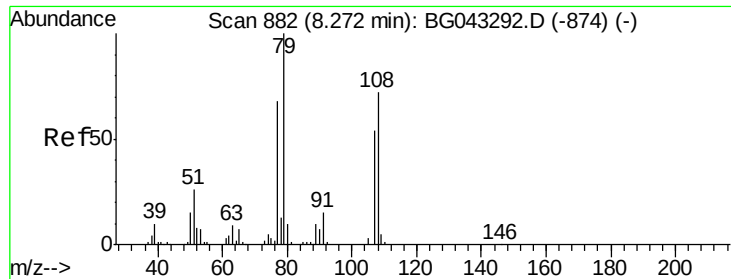
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





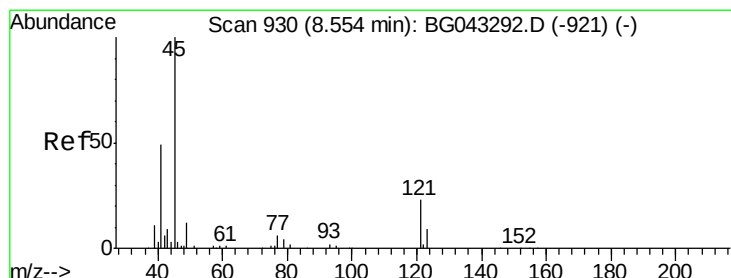
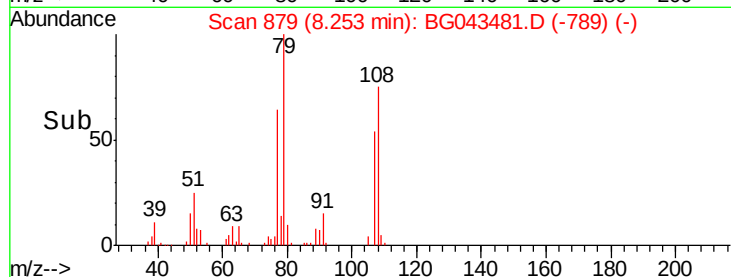
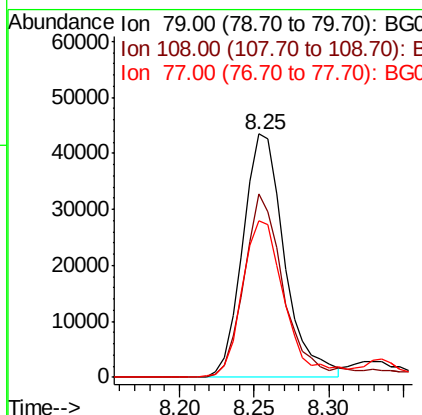
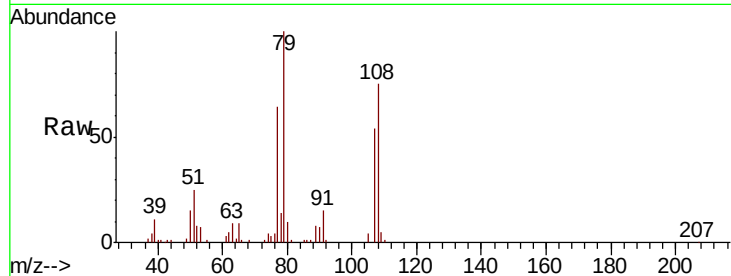
#15
Benzyl Alcohol
Concen: 44.624 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	53.6	80.4
77	64.2	49.6	74.4

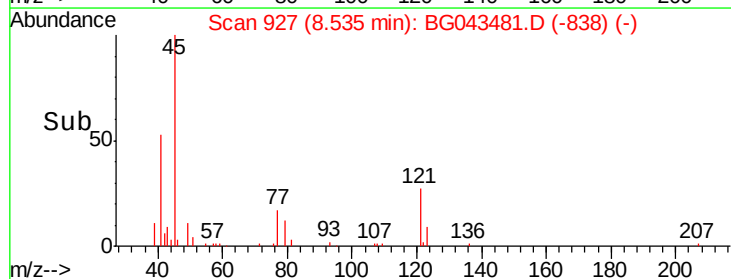
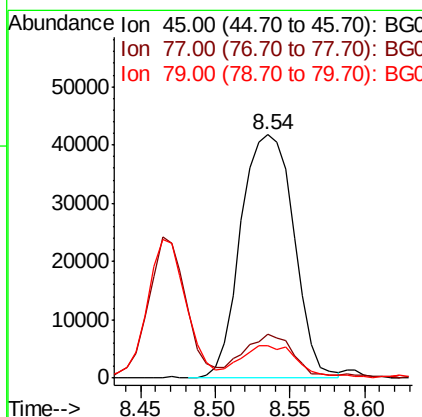
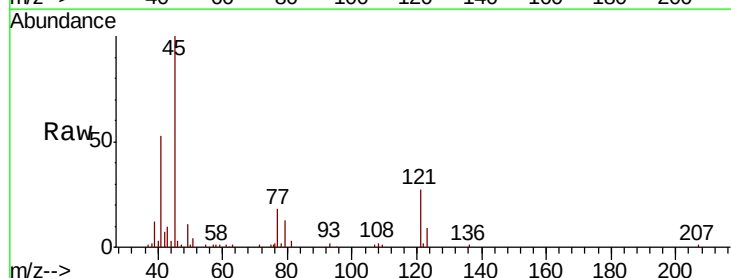
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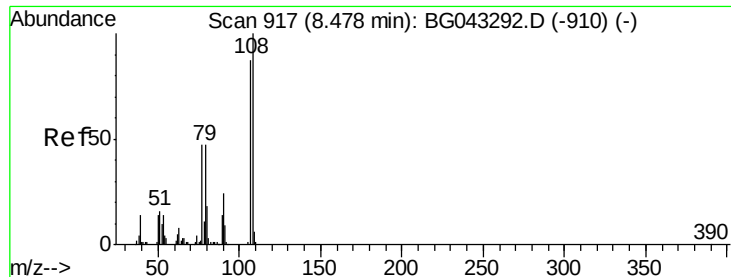
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.315 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	34.9
79	13.3	0.0	33.0





#17

2-Methylphenol

Concen: 45.498 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

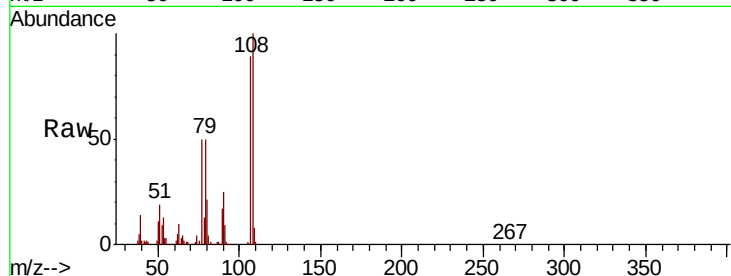
ClientSampleId :

PB124488BS

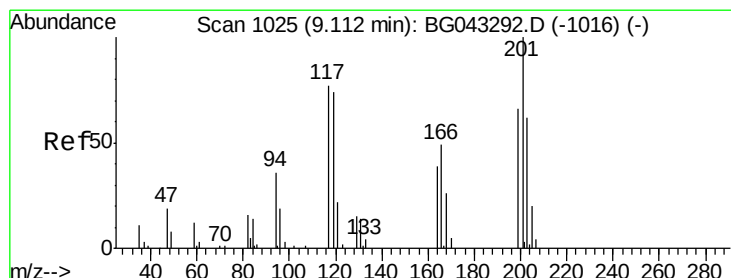
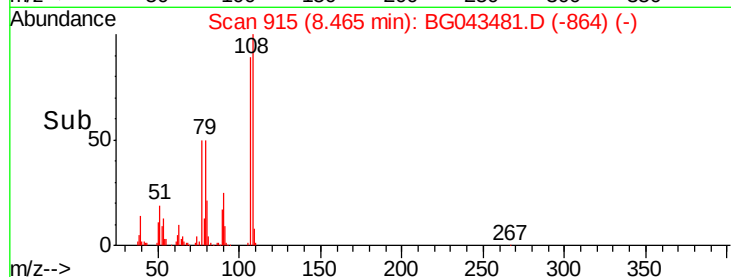
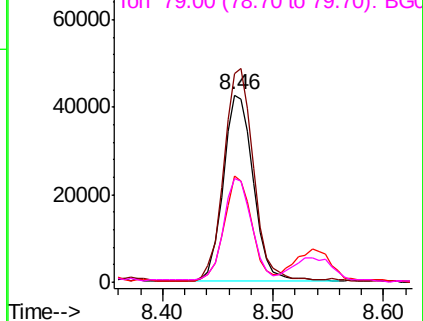
Tot Ion:	107	Resp:	81403
Ion Ratio	Lower	Upper	
107	100		
108	111.8	90.2	135.4
77	56.5	40.2	60.2
79	55.7	44.0	66.0

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



#18

Hexachloroethane

Concen: 38.839 ng

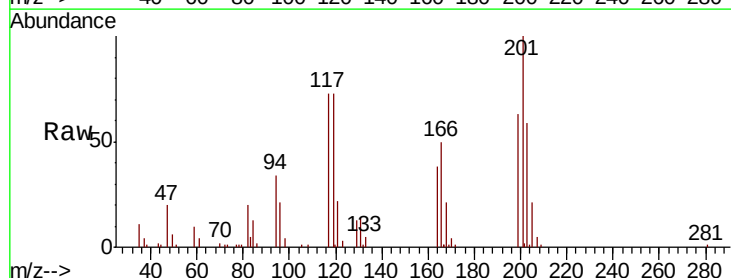
RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

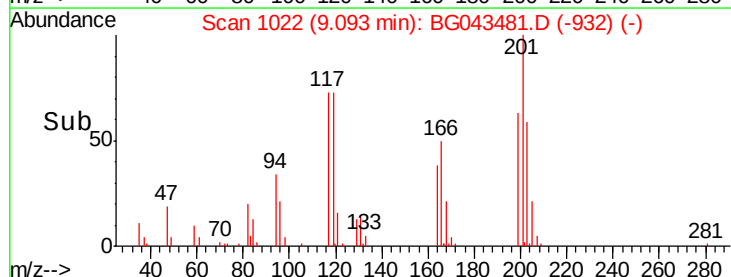
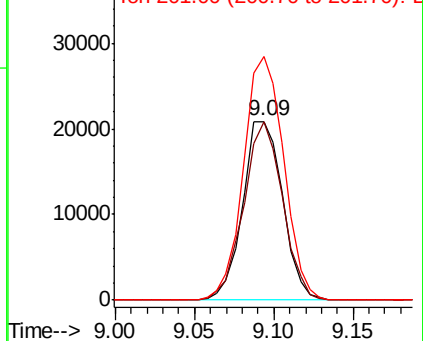
Lab File: BG043481.D

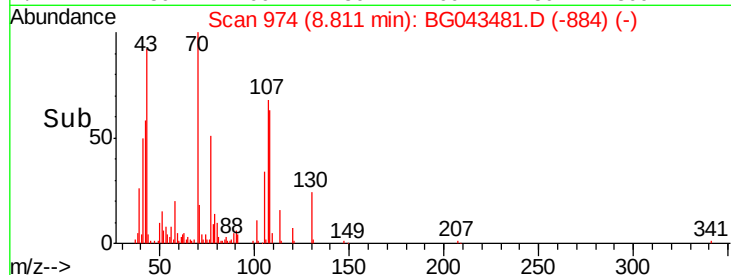
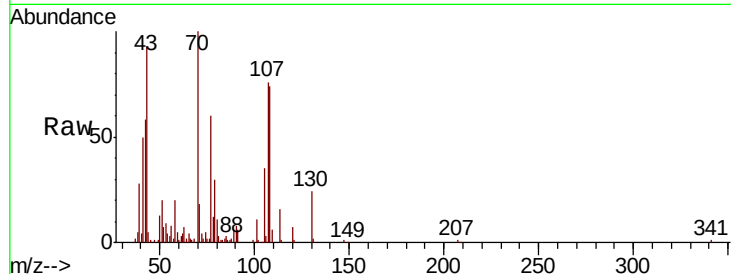
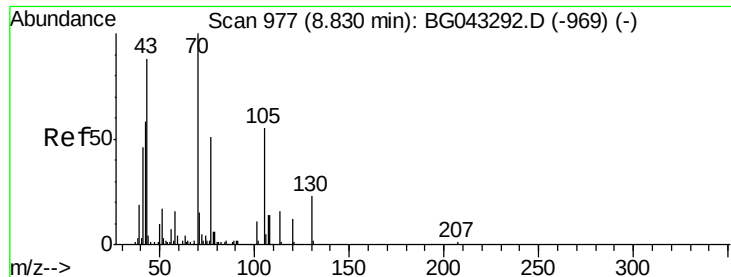
Acq: 4 Nov 2019 15:17

Tgt Ion:	117	Resp:	36604
Ion Ratio	Lower	Upper	
117	100		
119	99.8	79.0	118.4
201	136.2	105.4	158.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





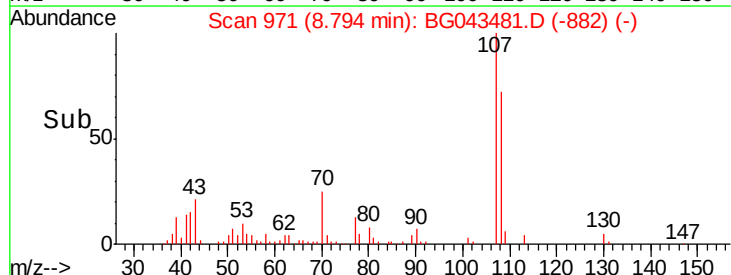
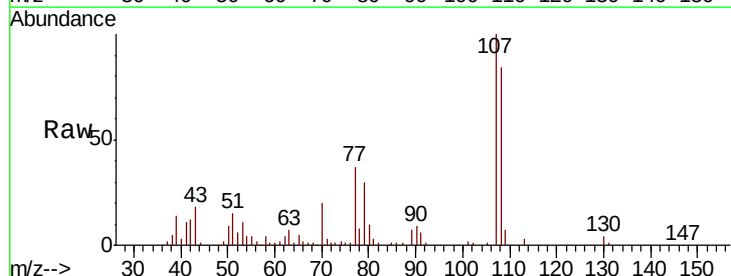
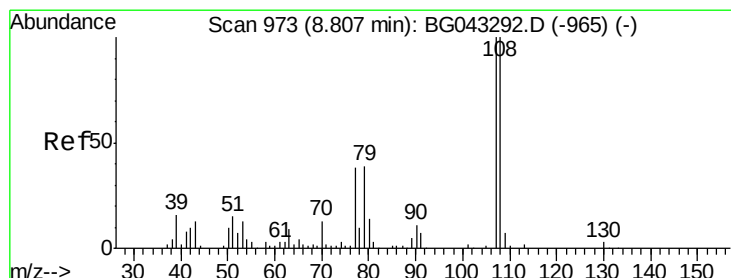
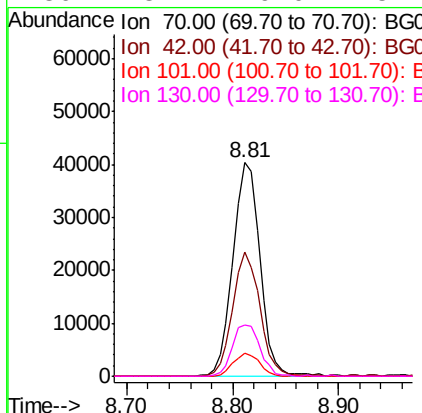
#19
n-Nitroso-di-n-propylamine
Concen: 41.165 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.0	41.4	62.2	
101	10.8	7.9	11.9	
130	23.7	19.0	28.4	

Instrument :
BNA_G
ClientSampleId :
PB124488BS

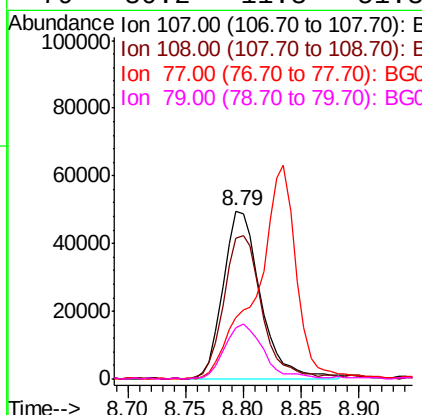
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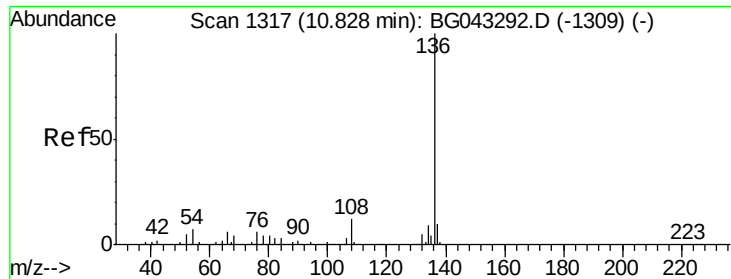
mohammad
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#20
3+4-Methylphenols
Concen: 45.843 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.7	66.6	106.6	
77	36.6	20.9	60.9	
79	30.2	11.3	51.3	





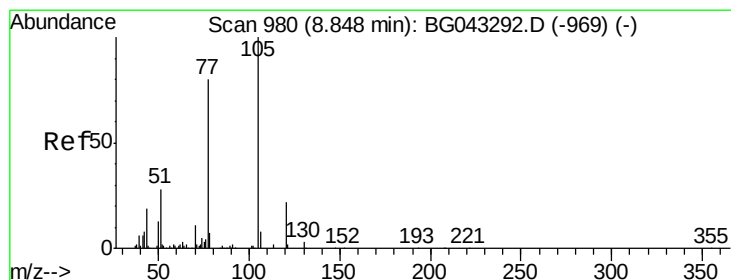
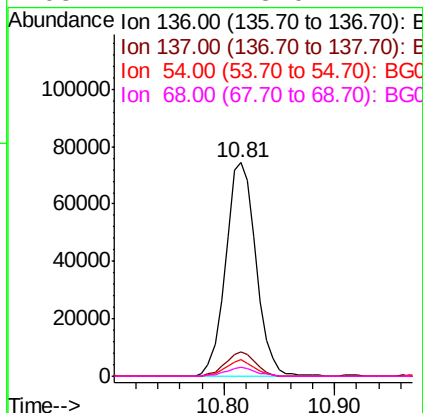
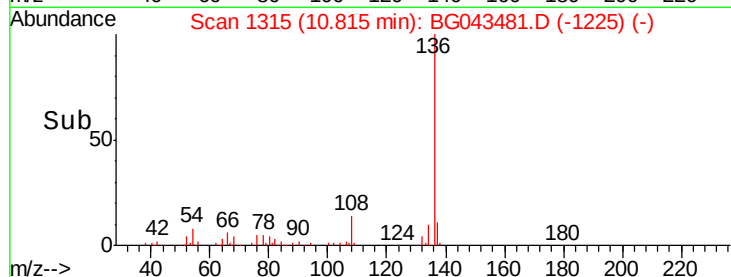
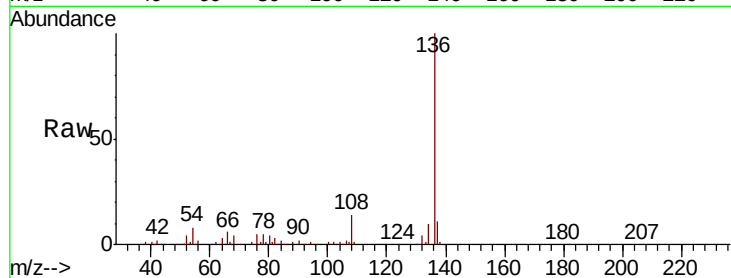
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	136	Resp	142513
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	8.0	5.4	8.2
68	4.1	3.0	4.4

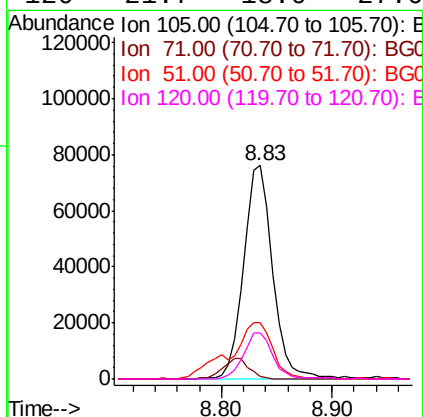
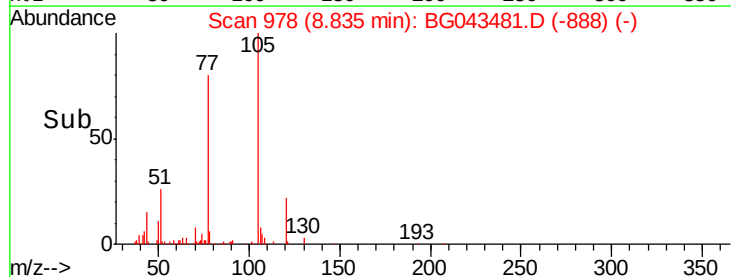
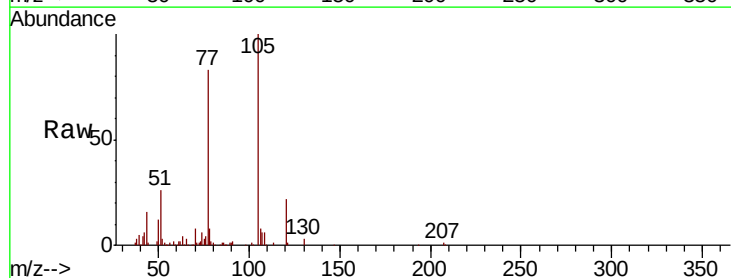
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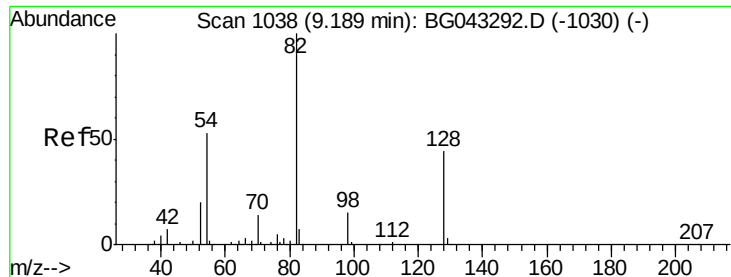
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#22
Acetophenone
Concen: 38.598 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	105	Resp	140867
Ion Ratio	Lower	Upper	
105	100		
71	1.1	0.8	1.2
51	26.2	21.0	31.4
120	21.7	18.0	27.0





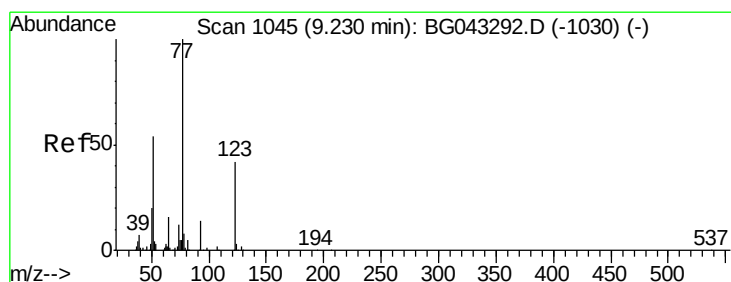
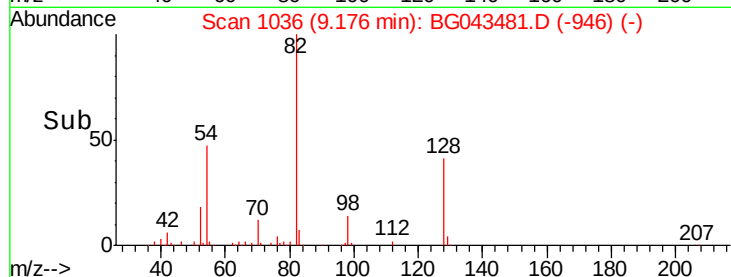
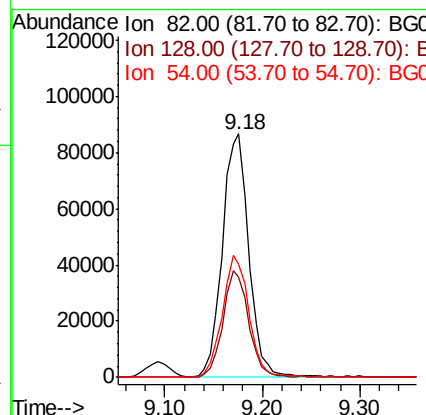
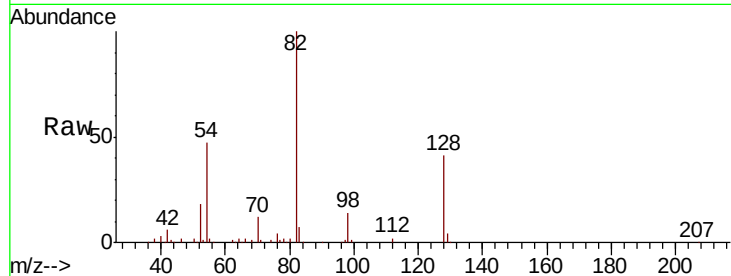
#23
Nitrobenzene-d5
Concen: 58.550 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.0	52.6
54	46.6	40.2	60.2

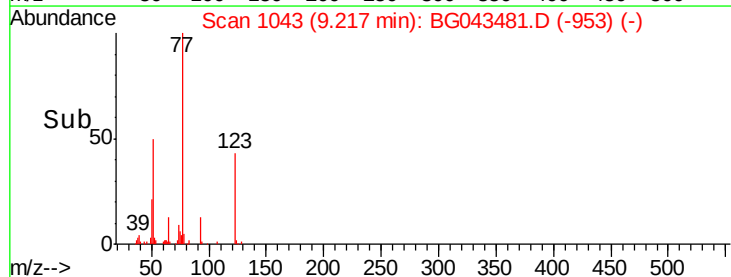
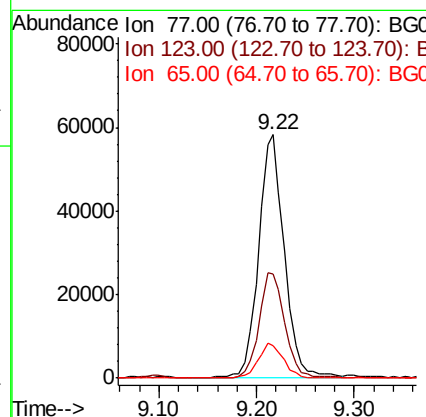
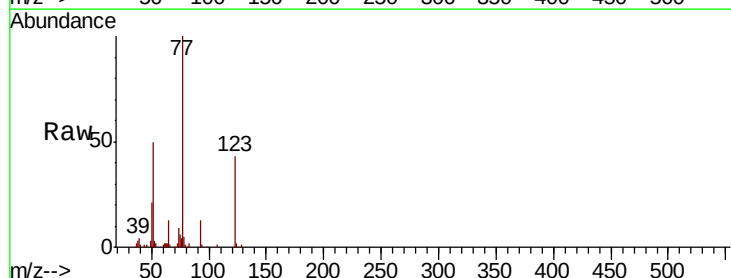
Manual Integrations
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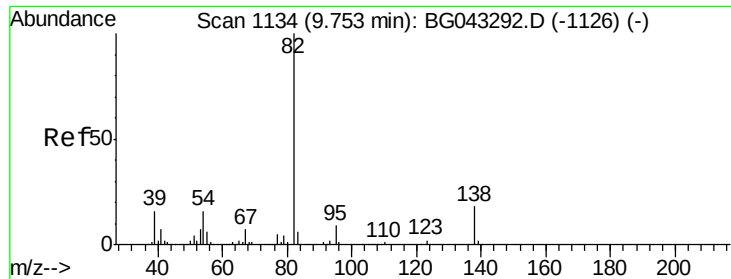
mohammad
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#24
Nitrobenzene
Concen: 41.130 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	35.0	52.6
65	13.4	9.5	14.3





#25

Isophorone

Concen: 40.198 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

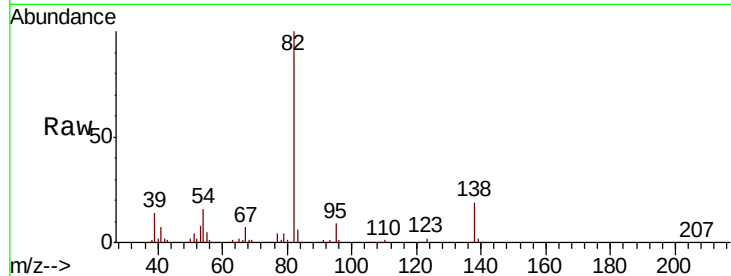
ClientSampleId :

PB124488BS

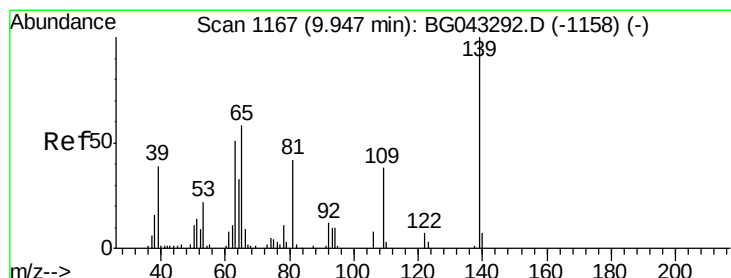
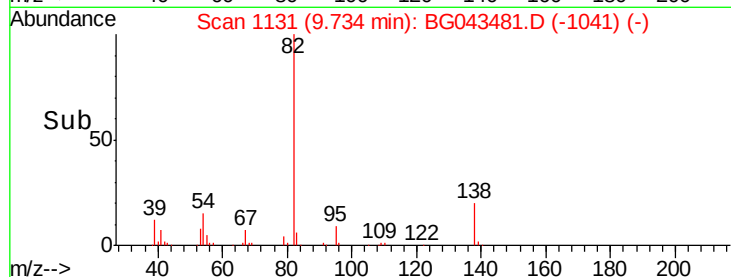
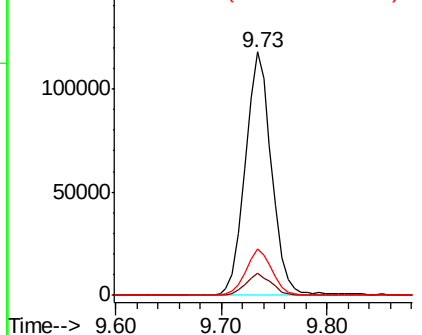
Tot Ion:	82	Resp:	203156
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.6	9.8
138	18.9	15.2	22.8

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.985 ng

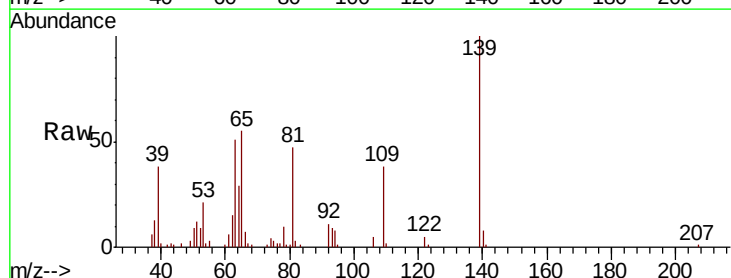
RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

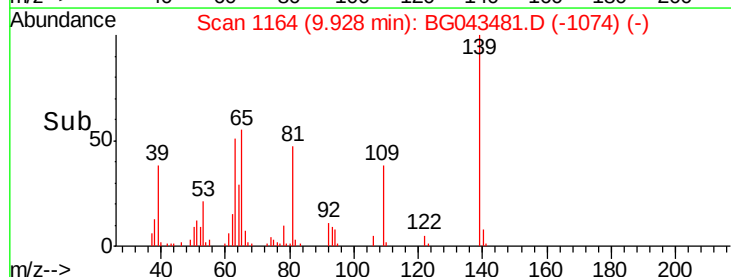
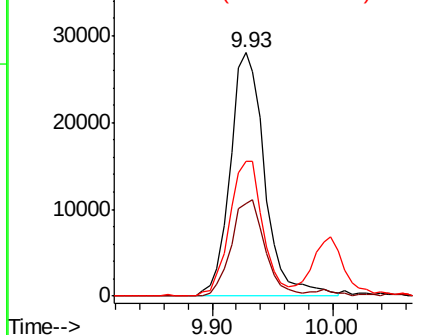
Lab File: BG043481.D

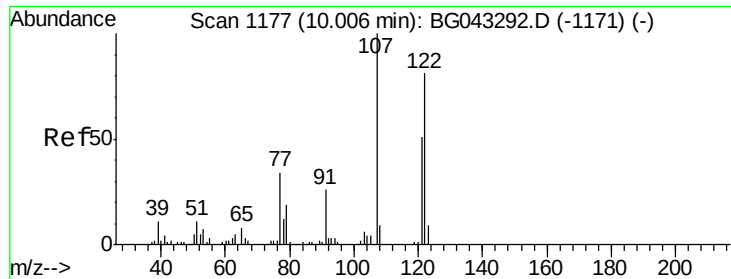
Acq: 4 Nov 2019 15:17

Tgt Ion:	139	Resp:	55919
Ion Ratio	Lower	Upper	
139	100		
109	38.0	26.5	39.7
65	55.2	43.8	65.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





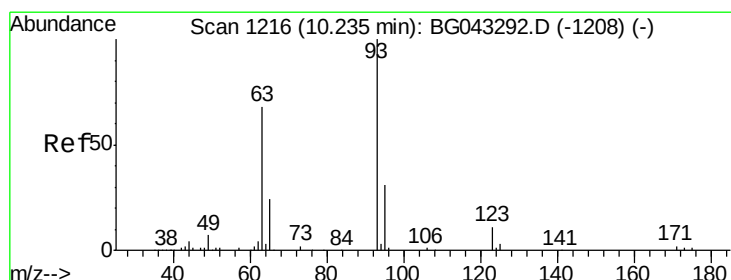
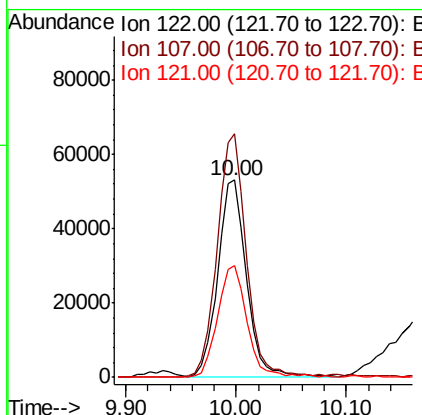
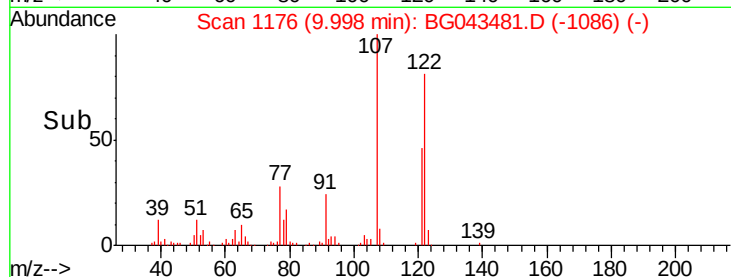
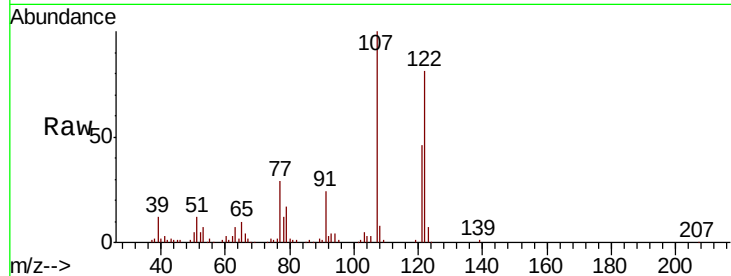
#27
2,4-Dimethylphenol
Concen: 52.027 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	123.4	104.4	156.6		
121	56.8	47.2	70.8		

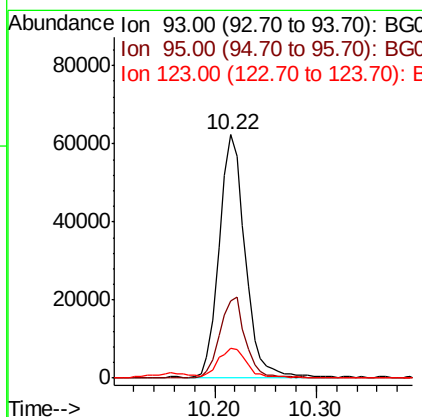
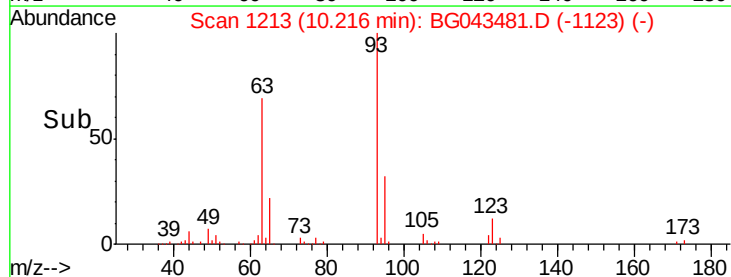
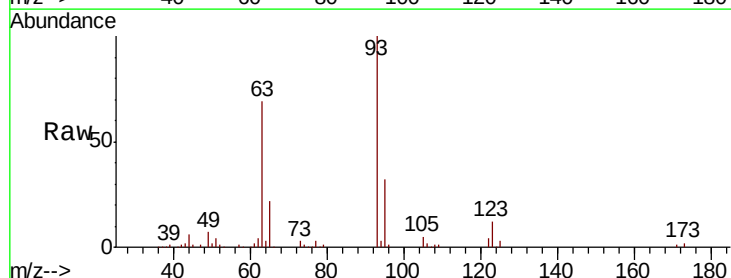
Manual Integrations
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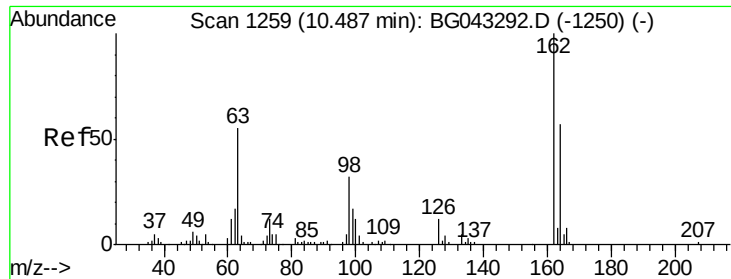
mohammad
11/5/2019 10:41:05 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.020 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.9	26.0	39.0		
123	12.5	10.6	15.8		





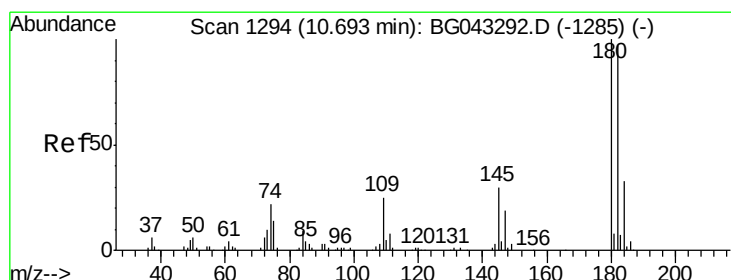
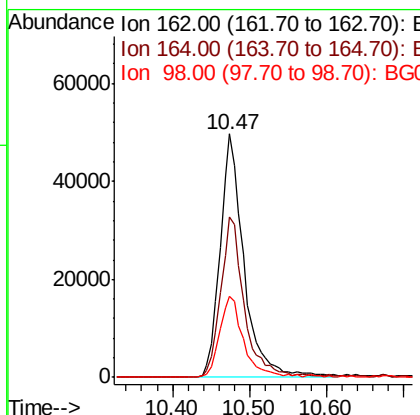
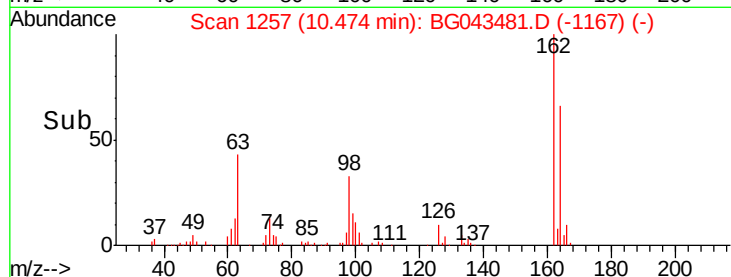
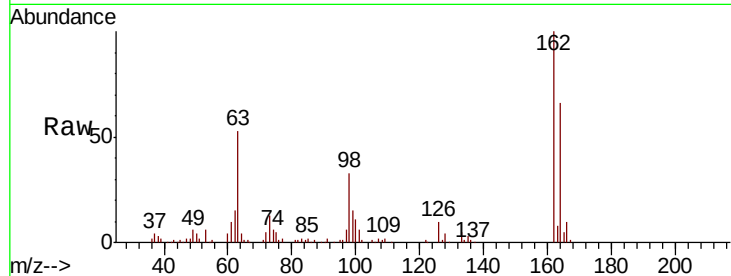
#29
2,4-Dichlorophenol
Concen: 45.714 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	106728		
164	65.9	48.9	88.9	
98	33.1	15.1	55.1	

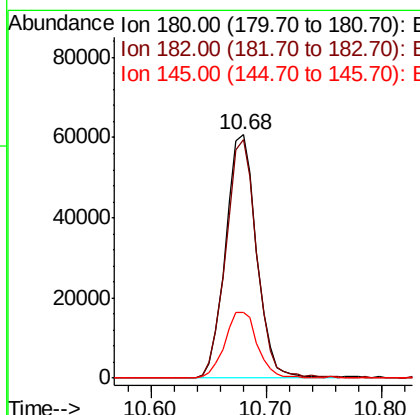
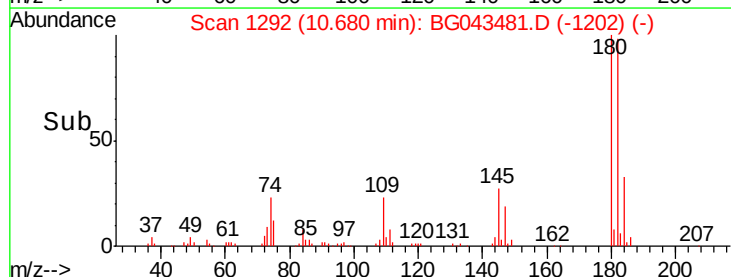
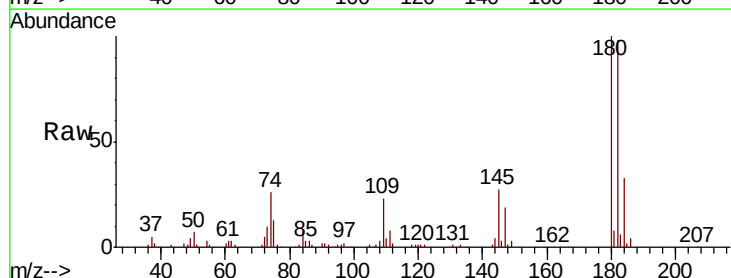
Manual Integrations
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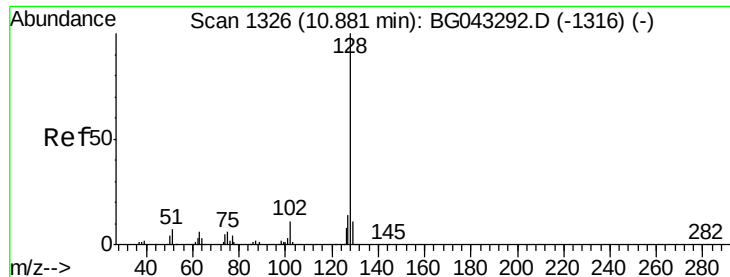
mohammad
11/5/2019 10:41:05 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.451 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113143		
182	97.8	75.1	112.7	
145	27.0	23.9	35.9	





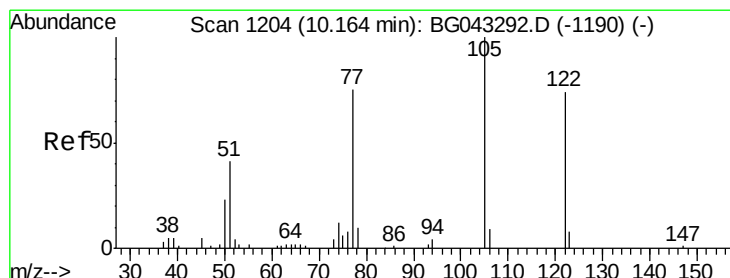
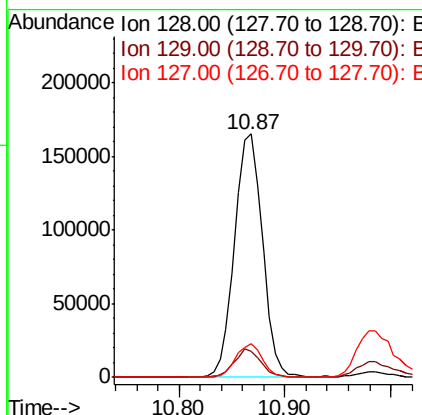
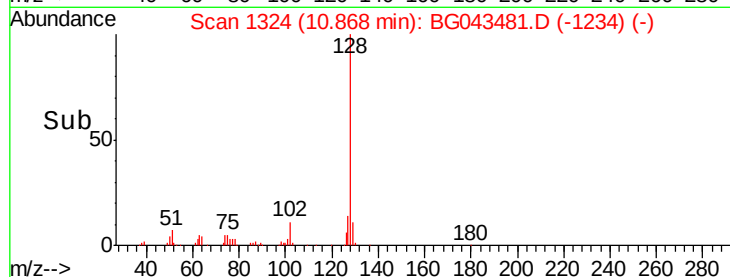
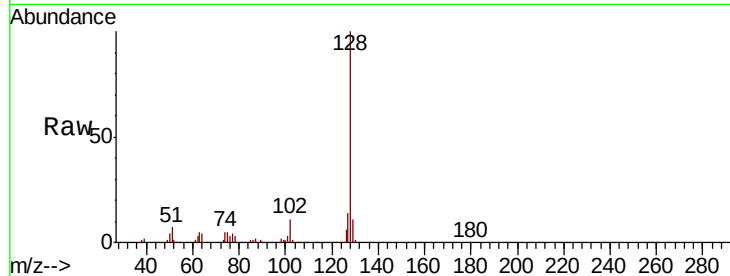
#31
Naphthalene
Concen: 41.909 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.0
127	14.0	11.1	16.7

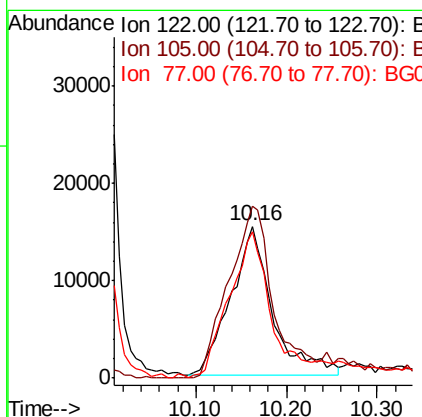
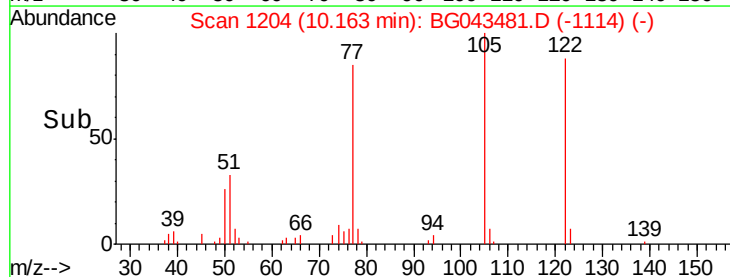
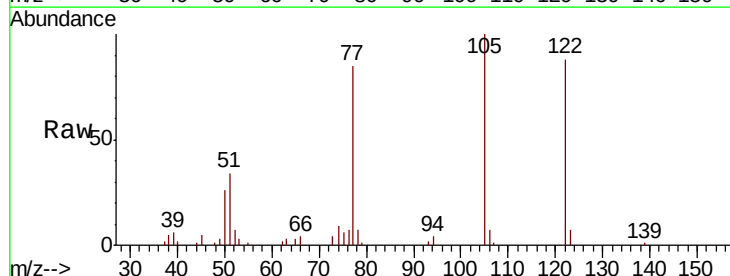
Manual Integrations
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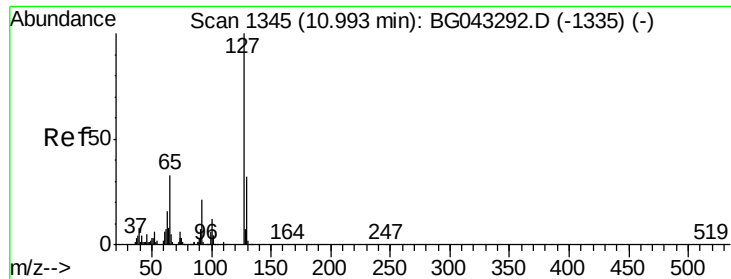
mohammad
11/5/2019 10:41:05 AM



#32
Benzoic acid
Concen: 37.827 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.3	103.3	143.3
77	96.2	84.9	124.9





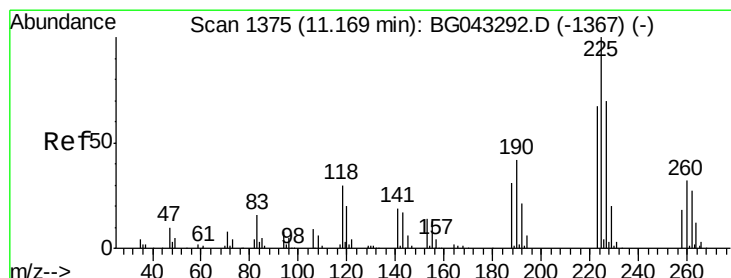
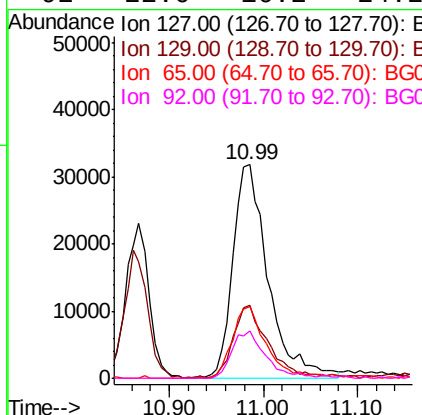
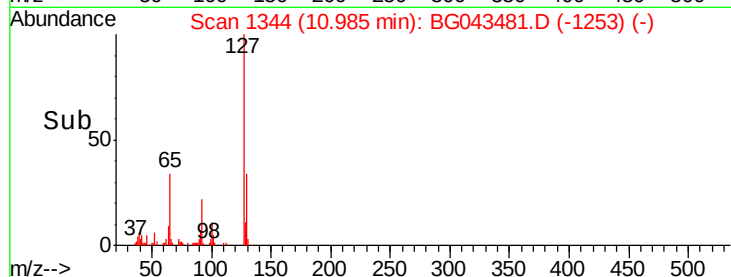
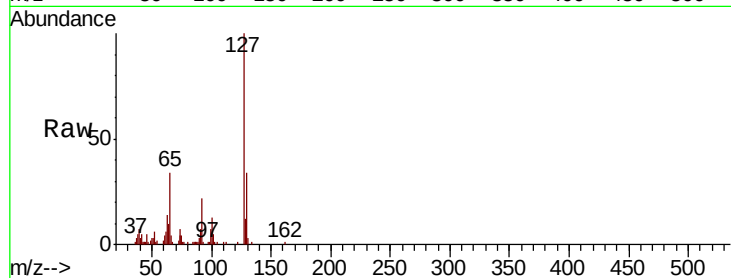
#33
4-Chloroaniline
Concen: 27.905 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleID :
PB124488BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.5	39.7
65	33.8	26.4	39.6
92	22.0	16.2	24.2

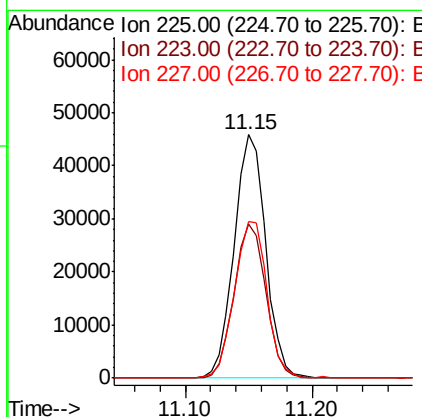
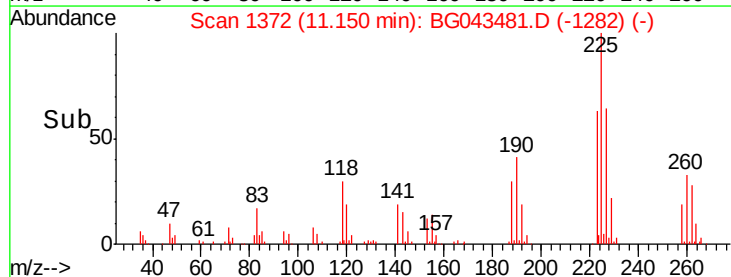
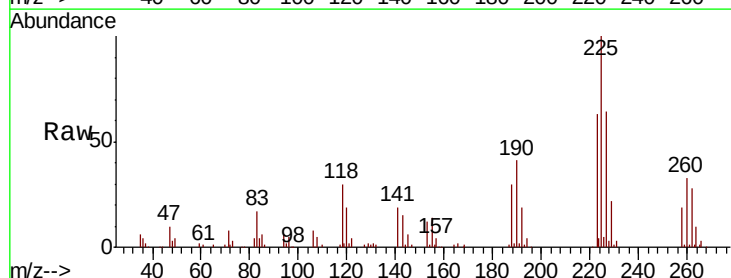
Manual Integrations
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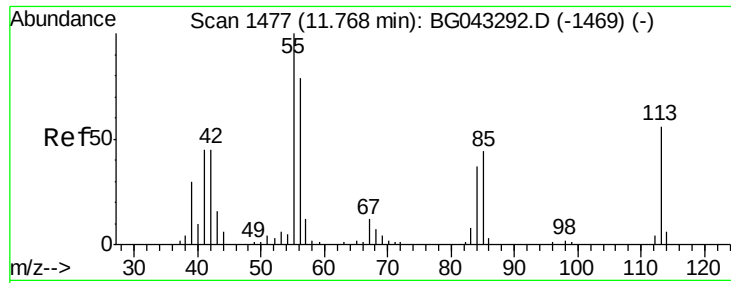
mohammad
11/5/2019 10:41:05 AM



#34
Hexachlorobutadiene
Concen: 36.234 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.7	79.1
227	64.1	54.8	82.2





#35

Caprolactam

Concen: 41.959 ng/mL

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

ClientSampleId :

PB124488BS

Tot Ion:113 Resp: 33738

Ion Ratio Lower Upper

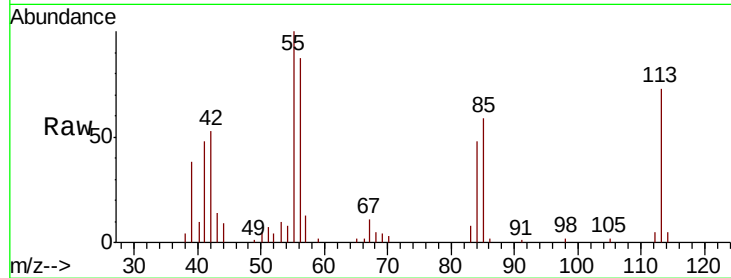
113 100

55 136.9 134.1 174.1

56 118.9 100.4 140.4

Manual Integrations
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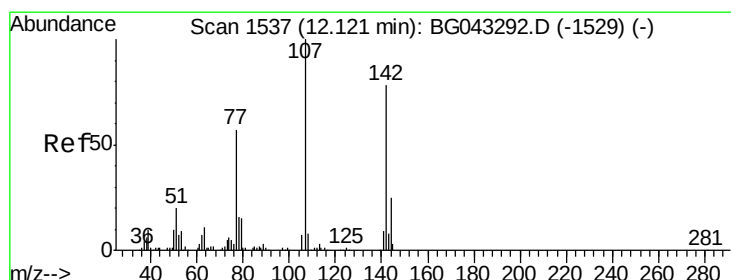
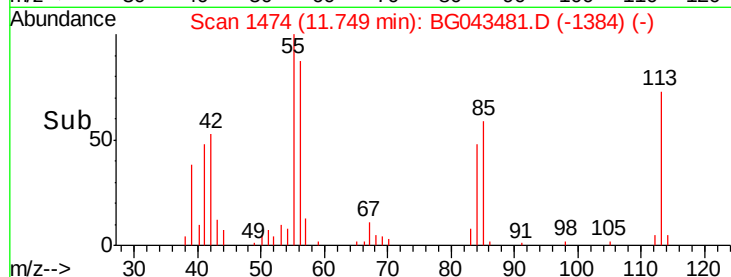
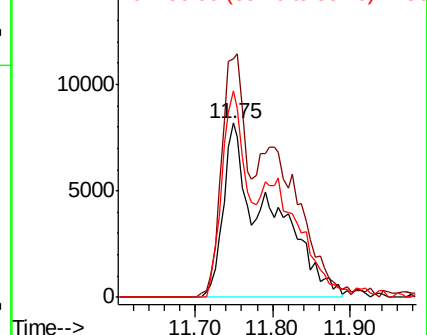


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.595 ng/mL

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

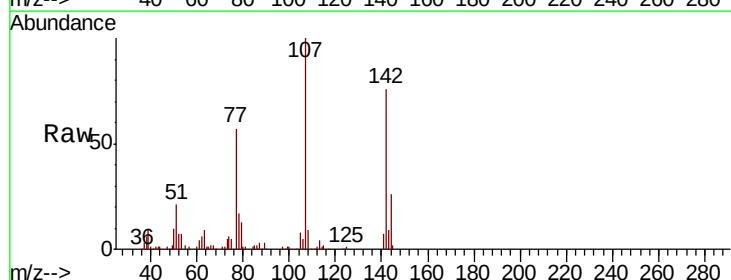
Tgt Ion:107 Resp: 113567

Ion Ratio Lower Upper

107 100

144 25.7 20.9 31.3

142 76.1 59.6 89.4

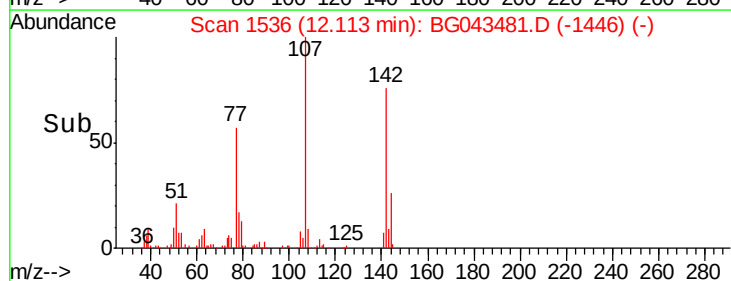
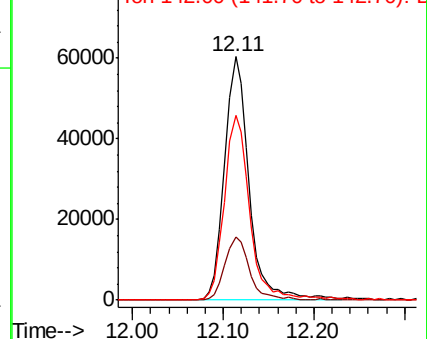


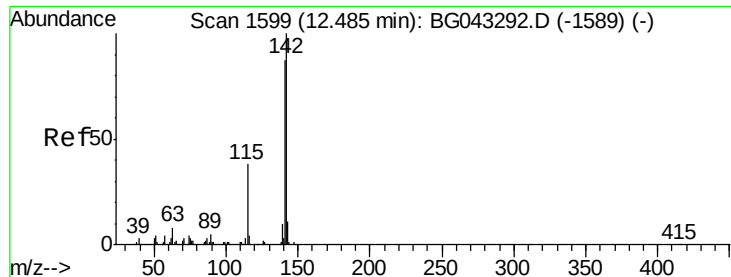
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





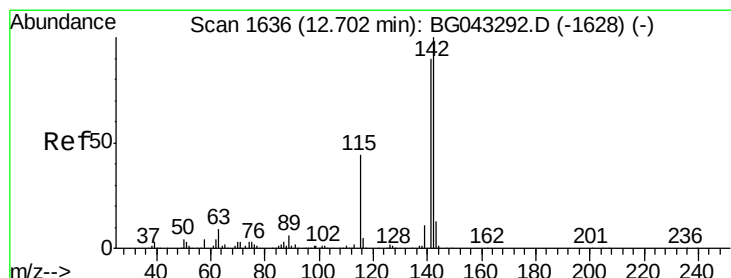
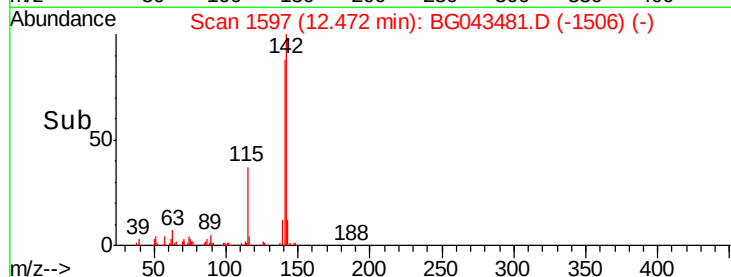
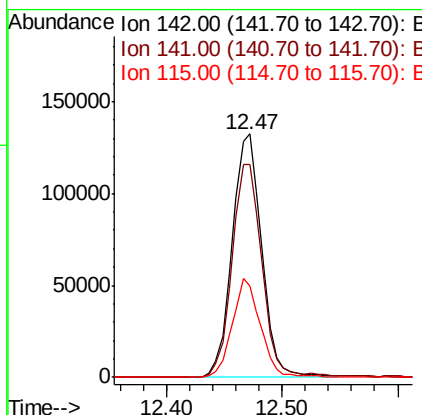
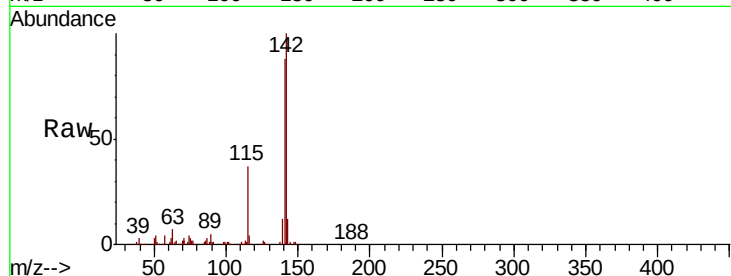
#37
2-Methylnaphthalene
Concen: 42.183 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.2
115	37.4	33.2	49.8

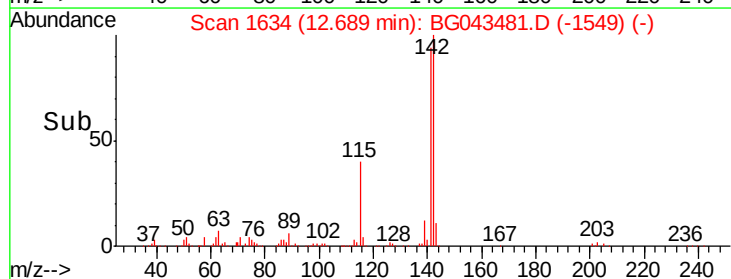
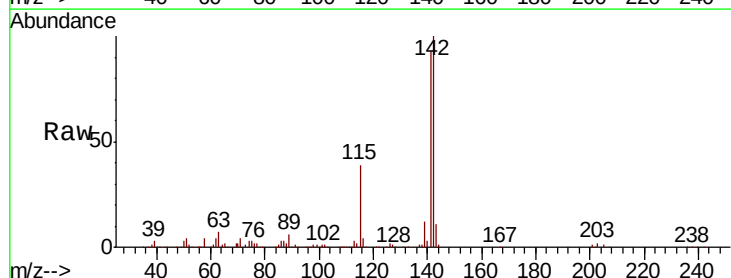
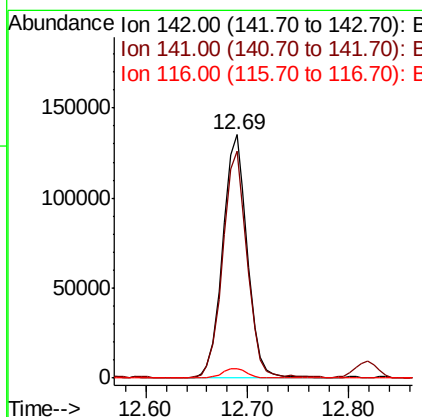
Manual Integrations
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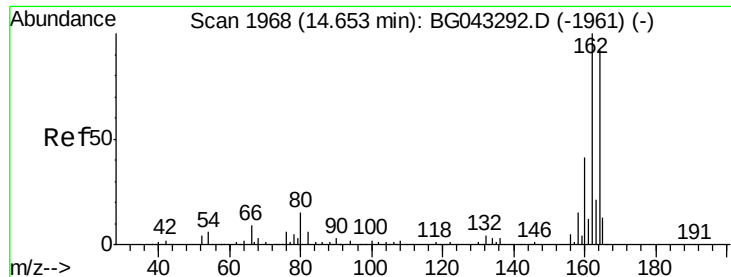
mohammad
11/5/2019 10:41:05 AM



#38
1-Methylnaphthalene
Concen: 42.445 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.2	109.8
116	3.9	3.6	5.4





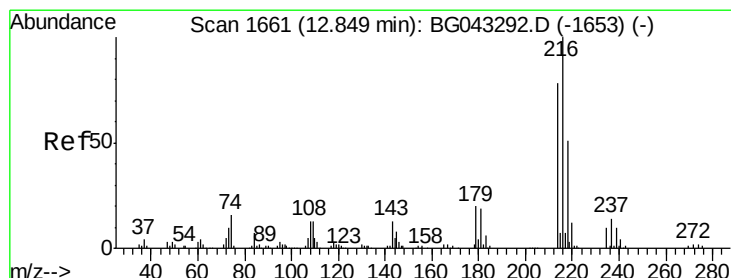
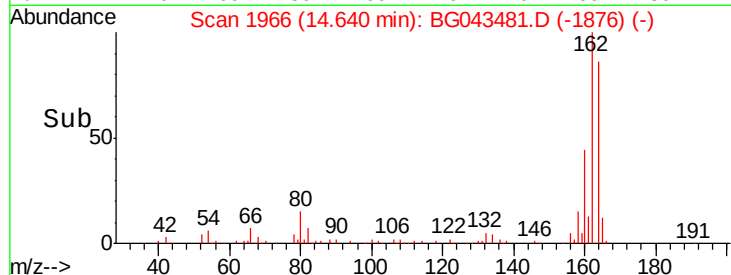
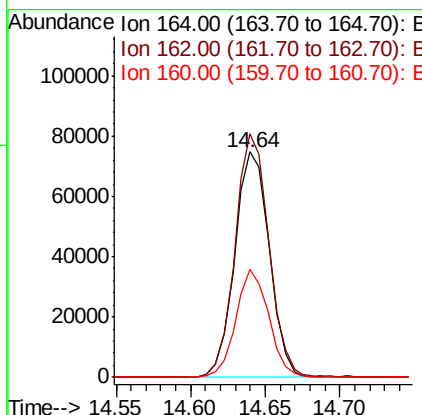
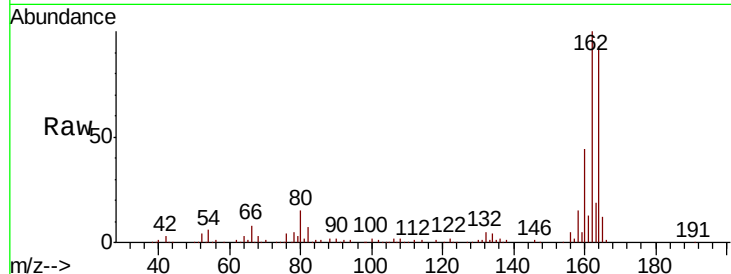
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampled :
PB124488BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.0	83.5	125.3
160	47.8	36.5	54.7

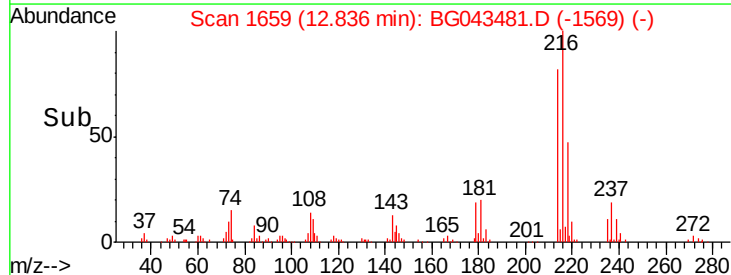
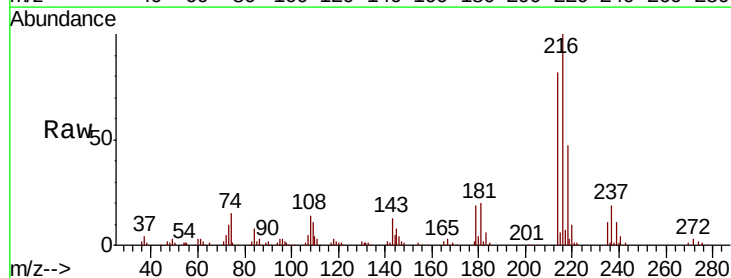
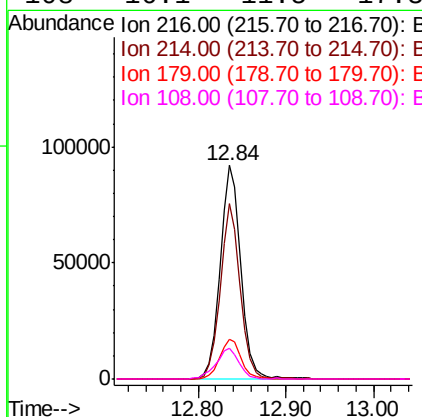
Manual Integrations
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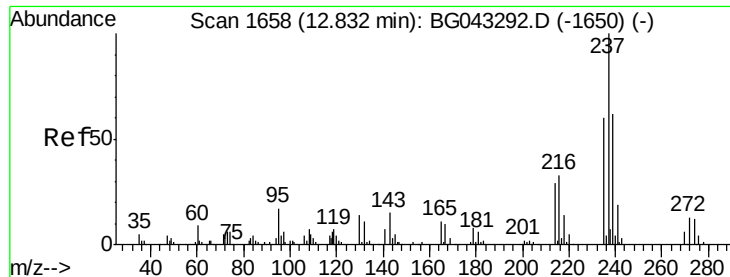
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.400 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	61.7	92.5
179	19.3	15.8	23.8
108	16.1	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 63.444 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

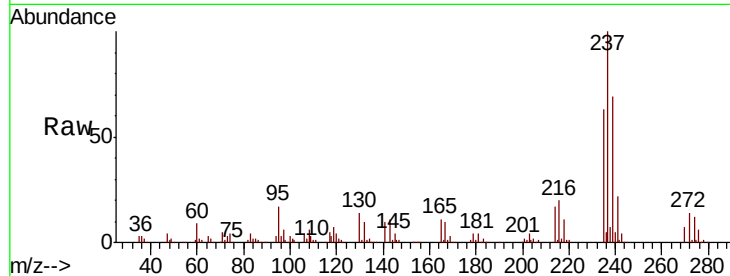
ClientSampleId :

PB124488BS

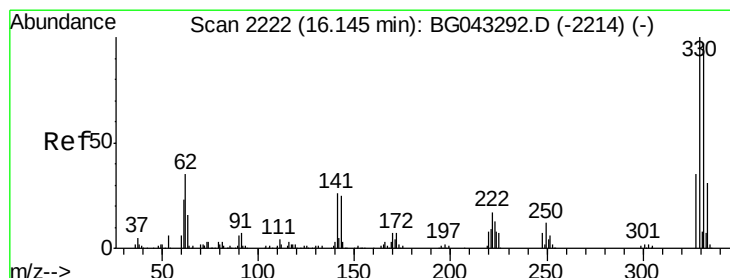
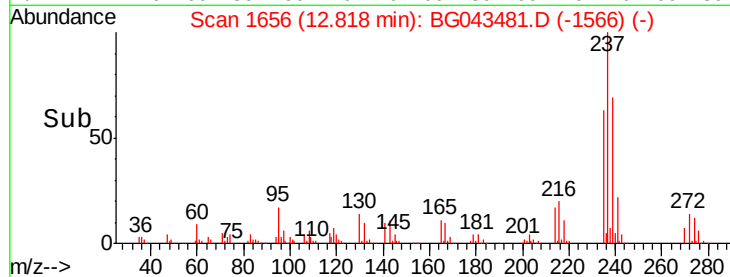
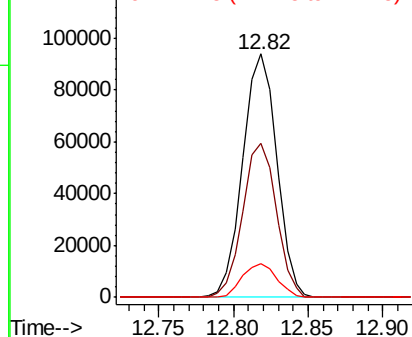
Tot Ion	Ratio	Resp	Lower	Upper
237	100	148692		
235	63.1	41.6	81.6	
272	13.8	0.0	32.5	

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



#42

2,4,6-Tribromophenol

Concen: 99.585 ng

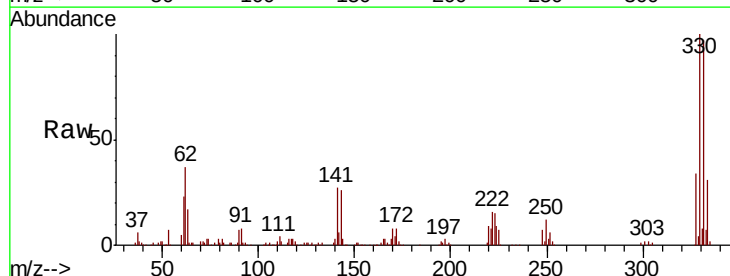
RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

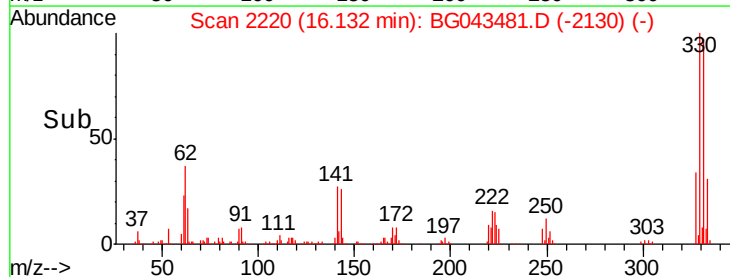
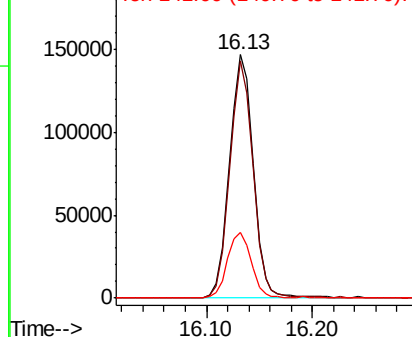
Lab File: BG043481.D

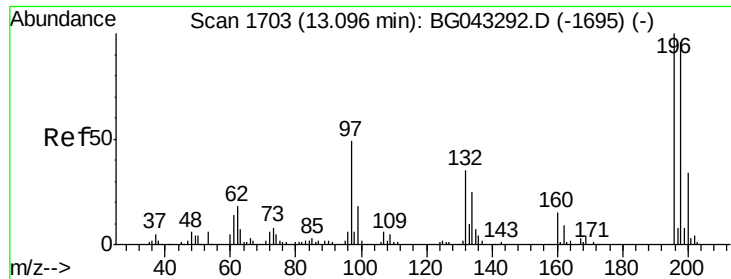
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	228462		
332	95.7	77.4	116.0	
141	27.4	22.8	34.2	



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





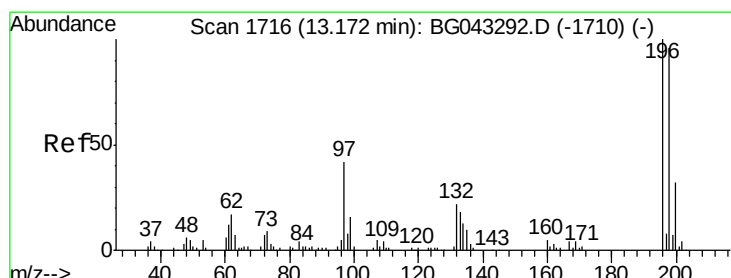
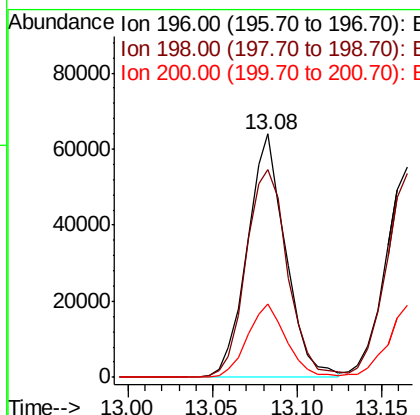
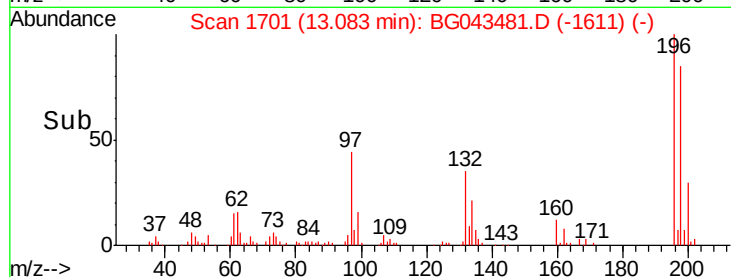
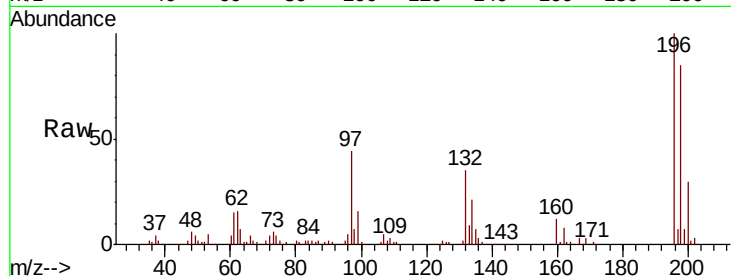
#43
 2,4,6-Trichlorophenol
 Concen: 38.420 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100947		
198	85.3		75.8	113.6
200	30.0		23.9	35.9

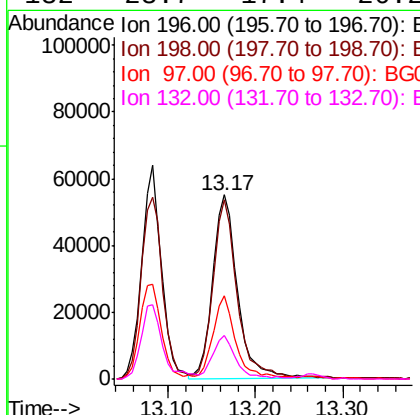
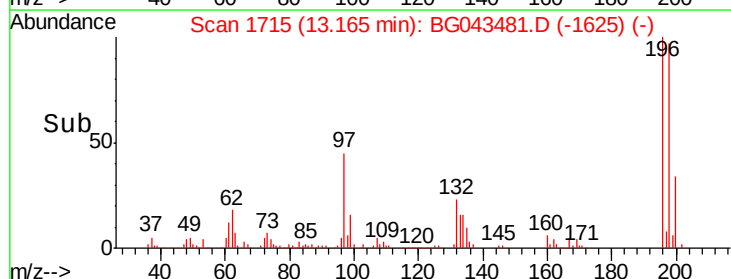
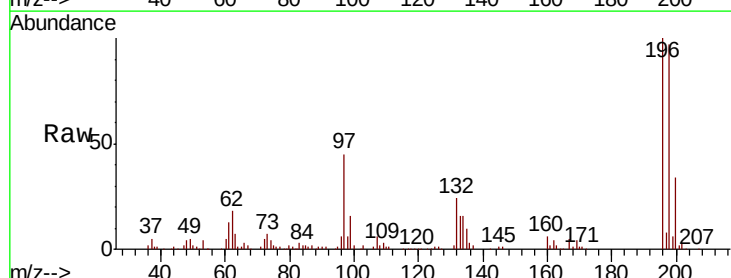
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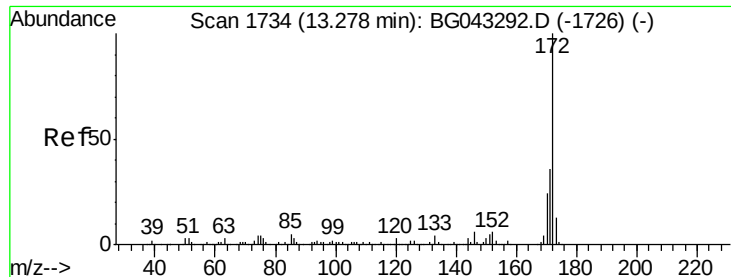
mohammad
 11/5/2019 10:41:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.937 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108741		
198	97.2		74.5	111.7
97	44.9		36.3	54.5
132	23.7		17.4	26.2





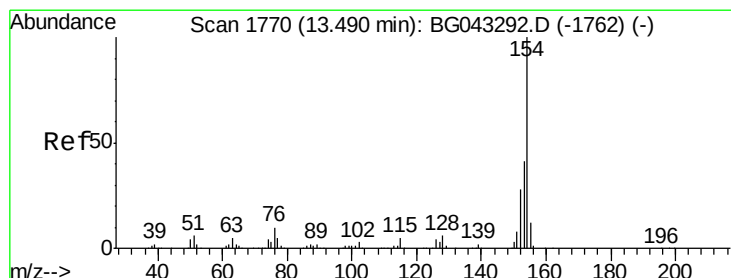
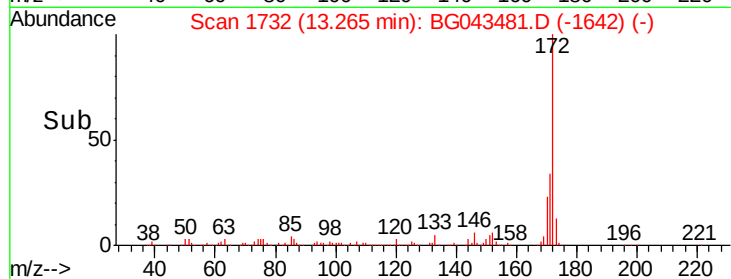
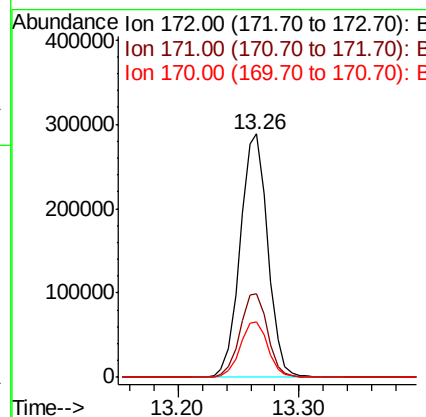
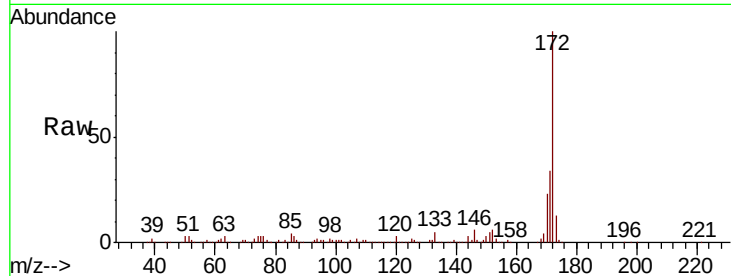
#45
2-Fluorobiphenyl
Concen: 52.700 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.9	43.3
170	23.0	18.5	27.7

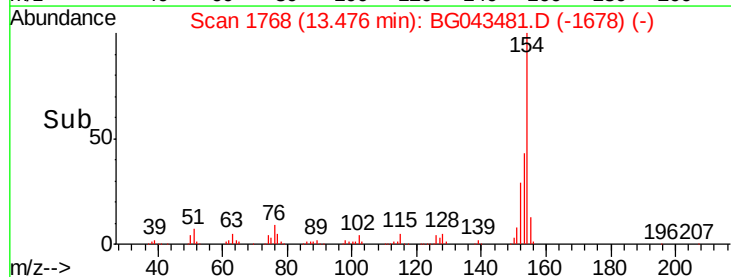
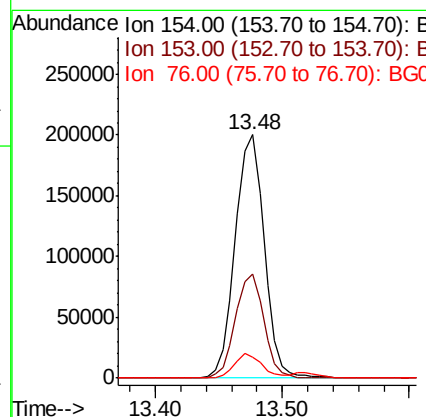
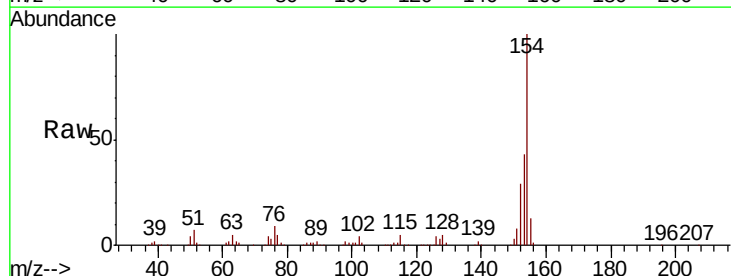
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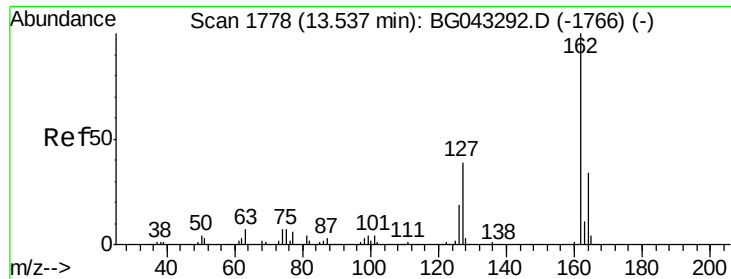
mohammad
11/5/2019 10:41:05 AM



#46
1,1'-Biphenyl
Concen: 34.638 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.9	59.9
76	8.8	0.0	29.4





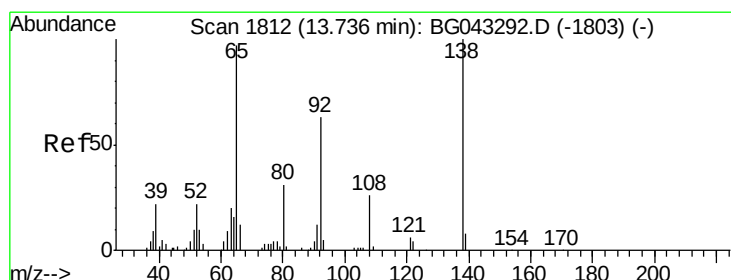
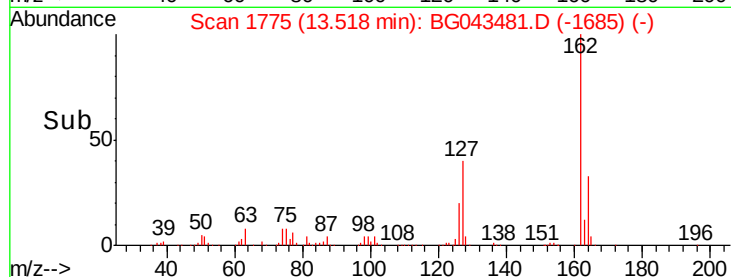
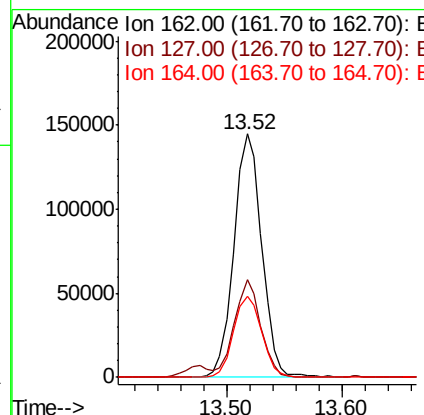
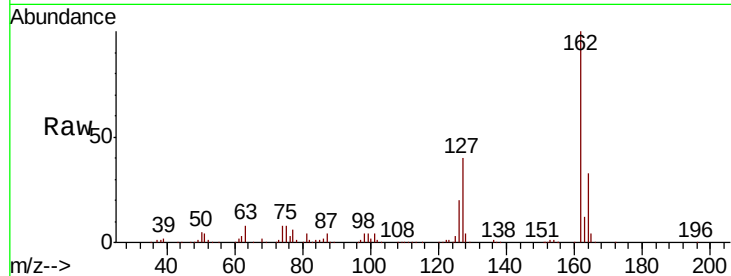
#47
2-Chloronaphthalene
Concen: 34.626 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.2	46.8
164	33.1	25.8	38.8

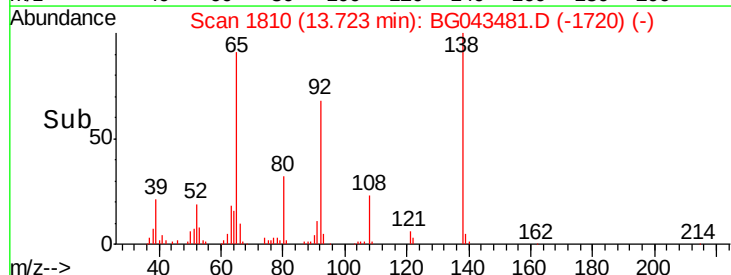
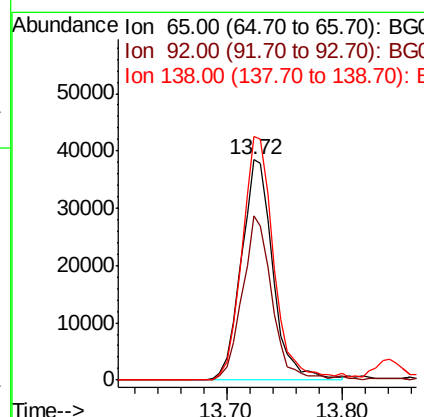
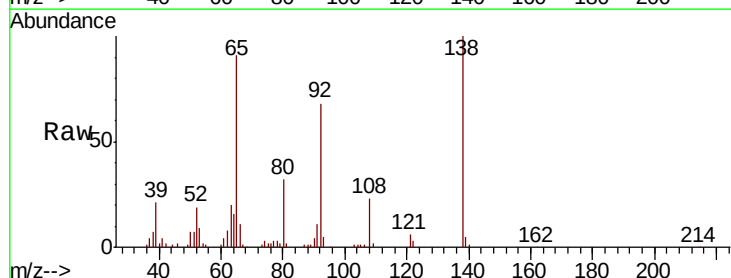
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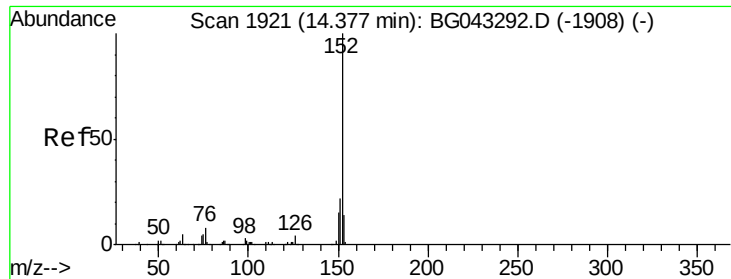
mohammad
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#48
2-Nitroaniline
Concen: 34.979 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	56.2	84.2
138	110.4	82.6	123.8





#49

Acenaphthylene

Concen: 36.853 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

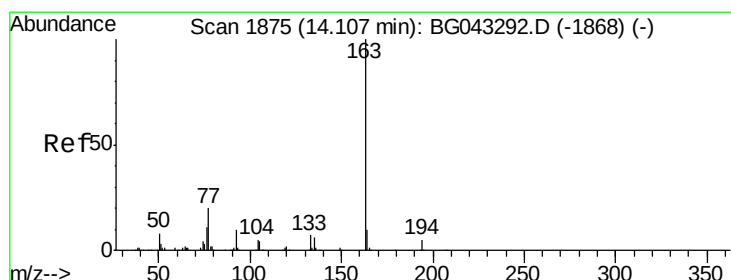
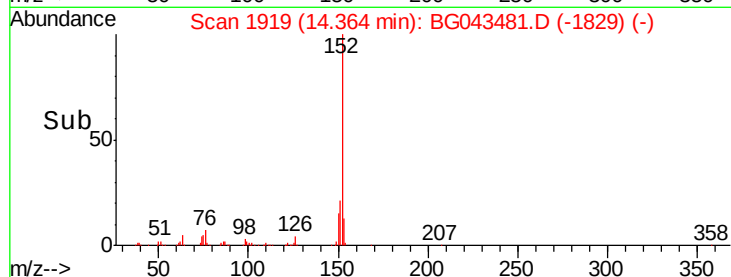
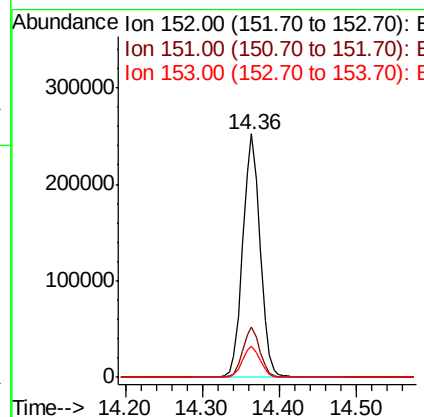
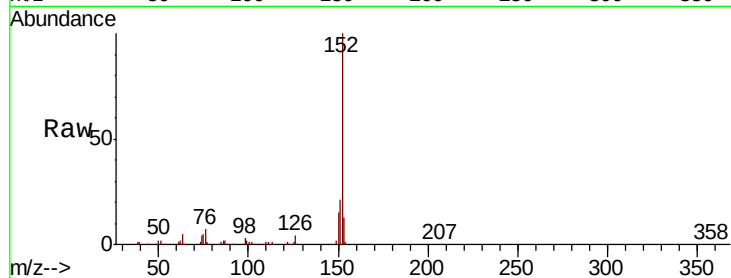
ClientSampleId :

PB124488BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	12.7	10.6	15.8

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#50

Dimethylphthalate

Concen: 35.364 ng

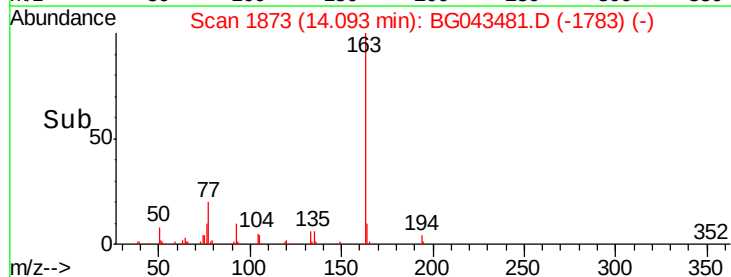
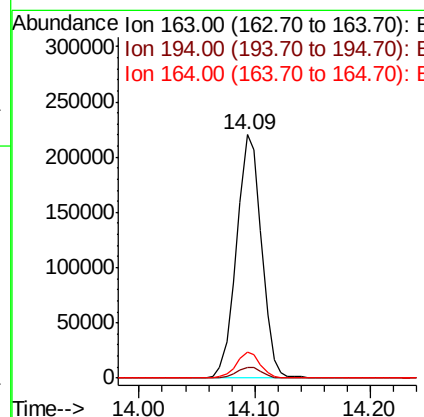
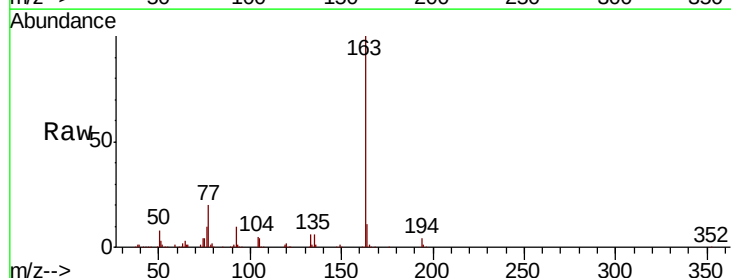
RT: 14.09 min Scan# 1873

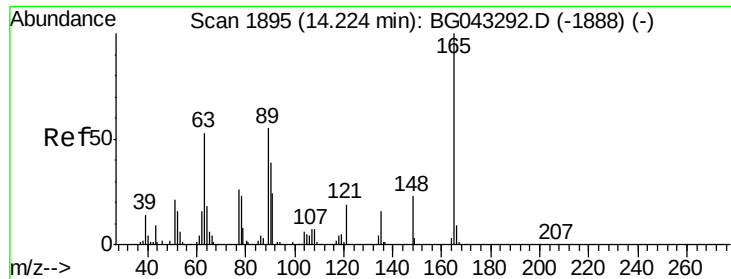
Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.5	8.9	13.3





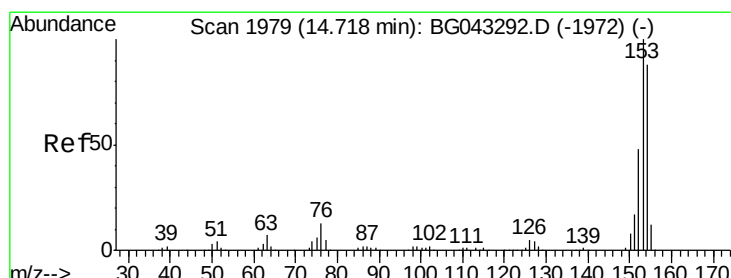
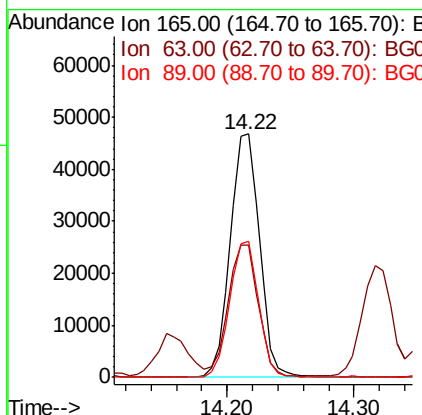
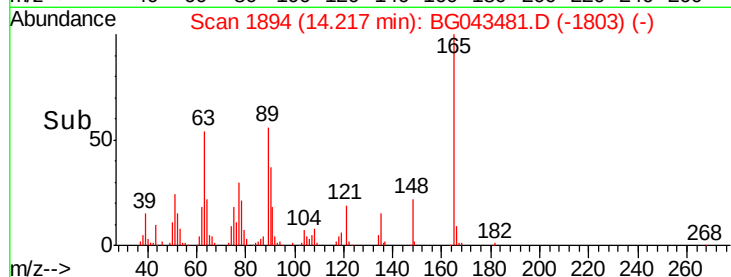
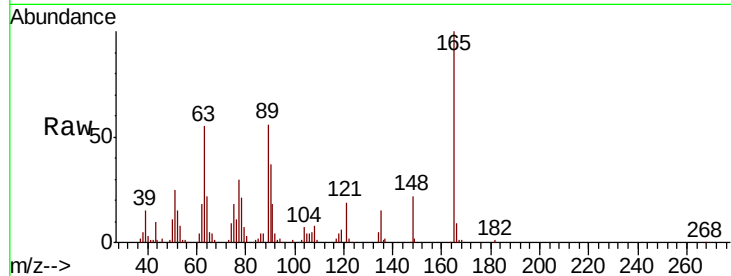
#51
2,6-Dinitrotoluene
Concen: 36.797 ng
RT: 14.22 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.5	46.6	69.8
89	55.8	45.1	67.7

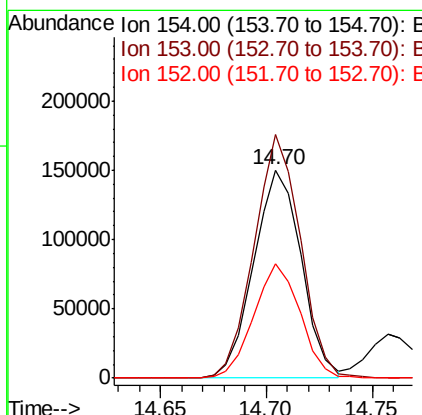
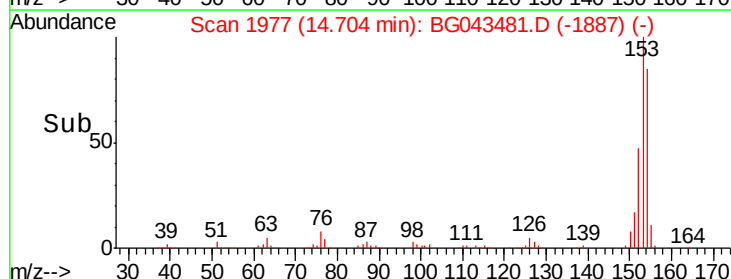
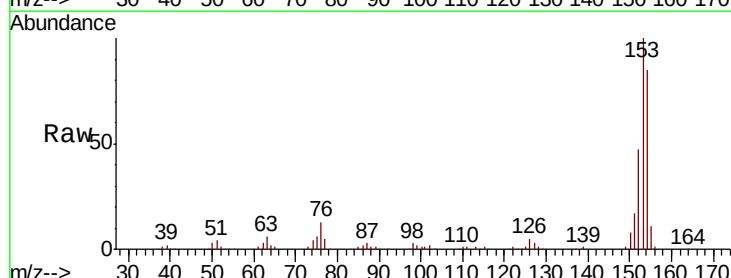
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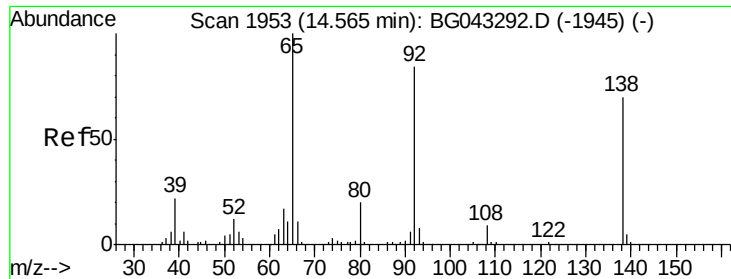
mohammad
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#52
Acenaphthene
Concen: 35.541 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	88.2	132.2
152	55.0	40.0	60.0





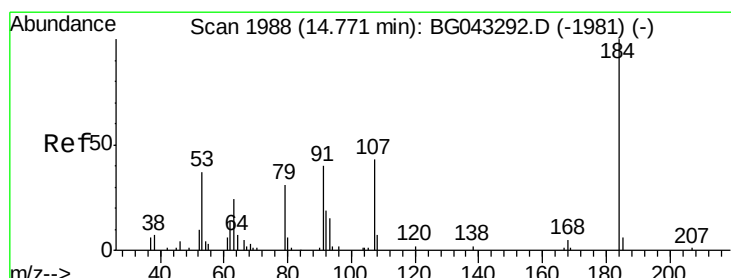
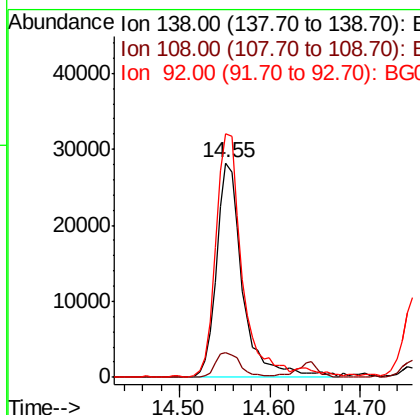
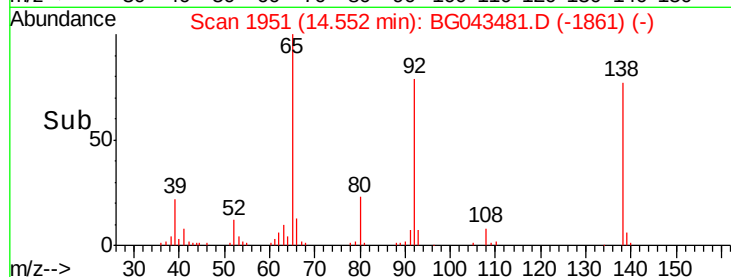
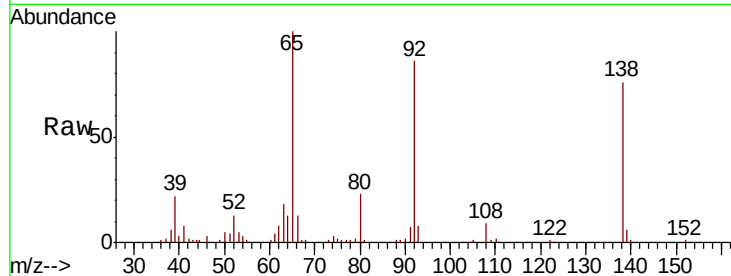
#53
3-Nitroaniline
Concen: 28.600 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.0	12.0
92	113.5	90.9	136.3

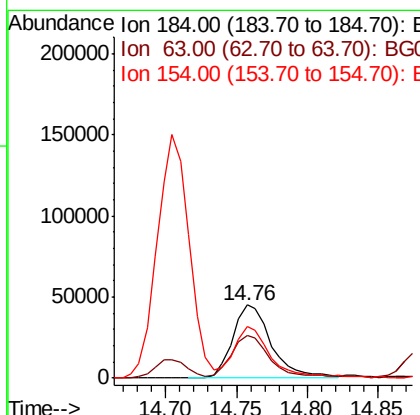
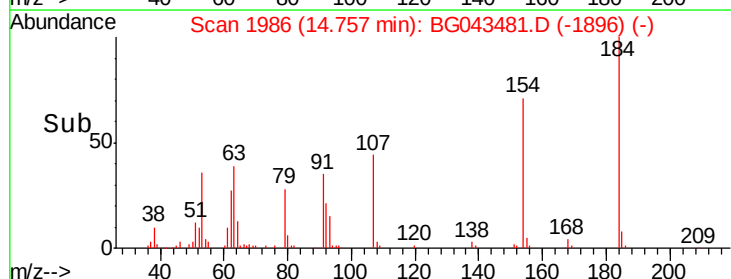
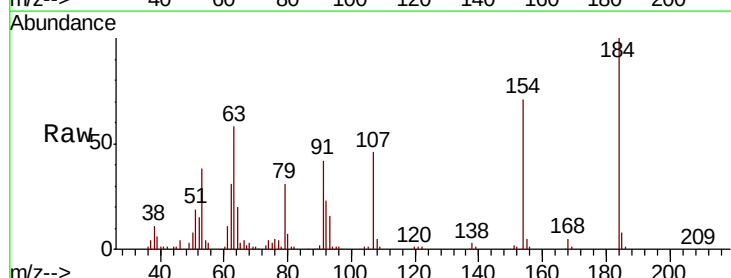
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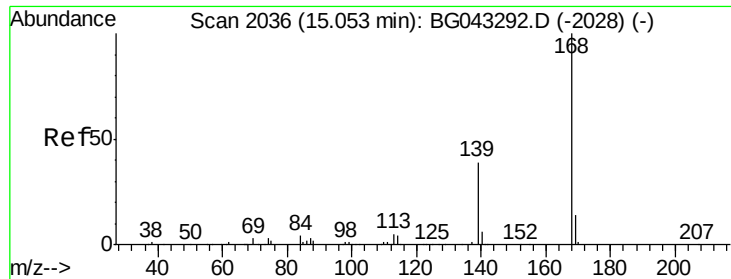
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.168 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	51.3	76.9
154	71.2	55.4	83.0





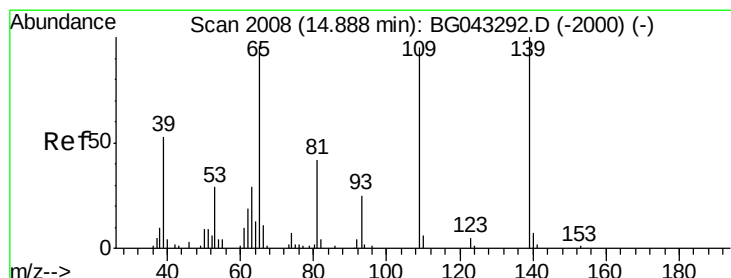
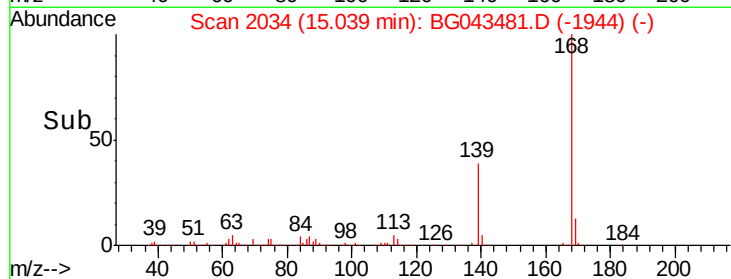
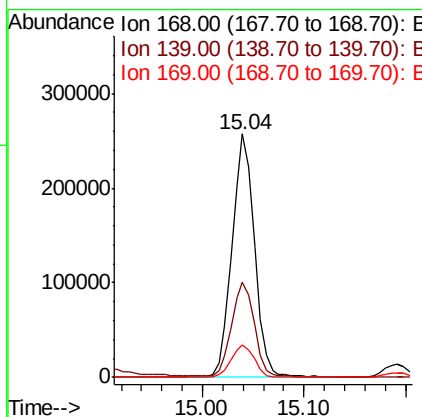
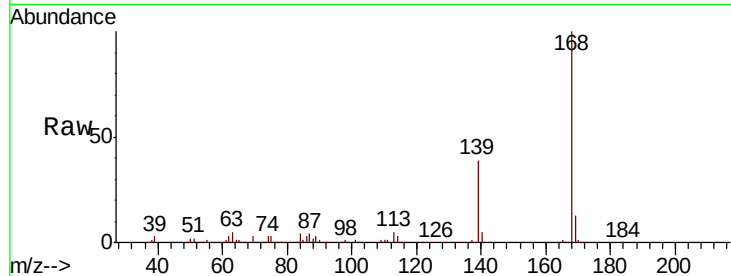
#55
Dibenzofuran
Concen: 36.823 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.6
169	13.2	11.7	17.5

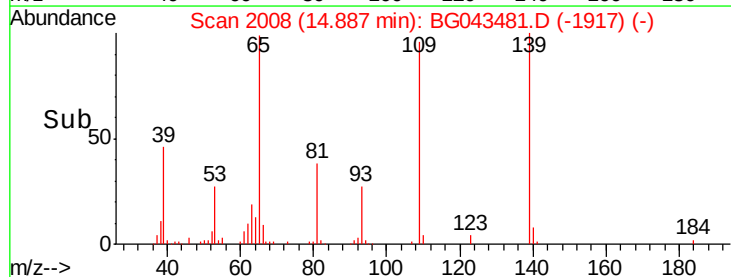
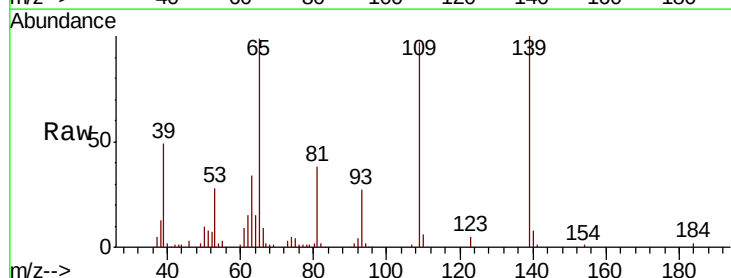
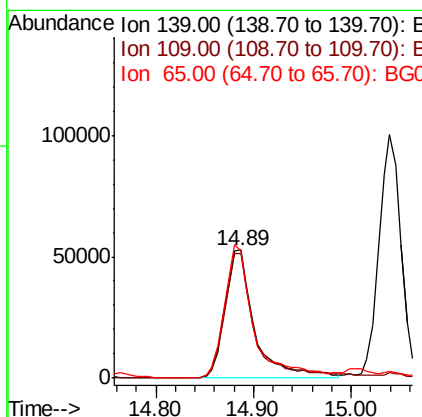
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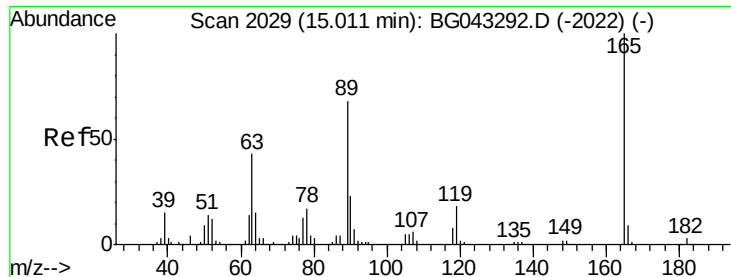
mohammad
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#56
4-Nitrophenol
Concen: 85.624 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.2	87.2	127.2
65	98.7	83.8	123.8





#57

2,4-Dinitrotoluene

Concen: 38.370 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

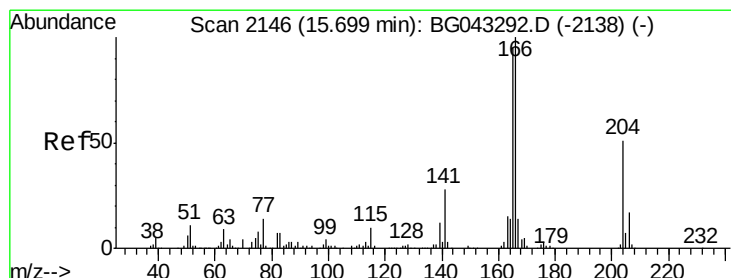
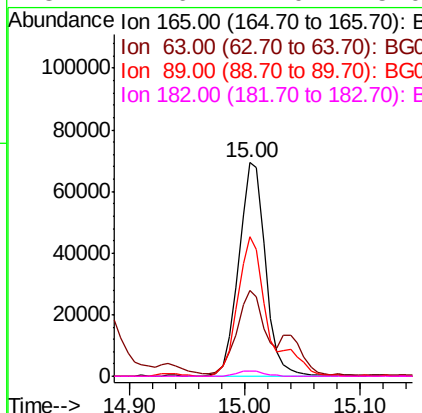
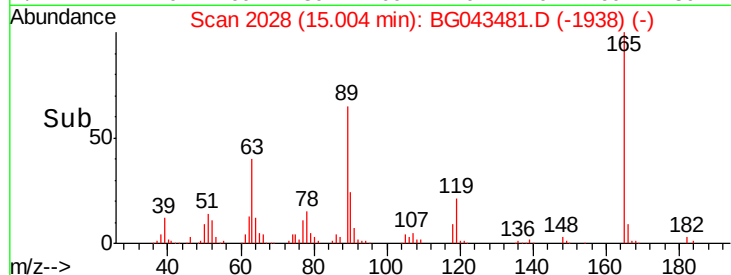
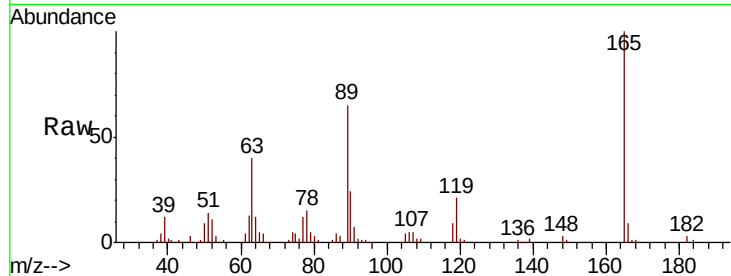
ClientSampleId :

PB124488BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	111239		
63	40.3	33.2	49.8	
89	65.2	52.2	78.4	
182	2.6	2.0	3.0	

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#58

Fluorene

Concen: 36.889 ng

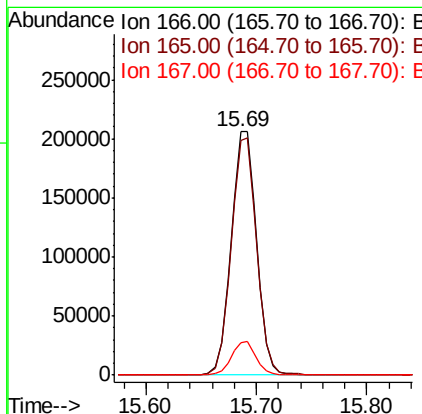
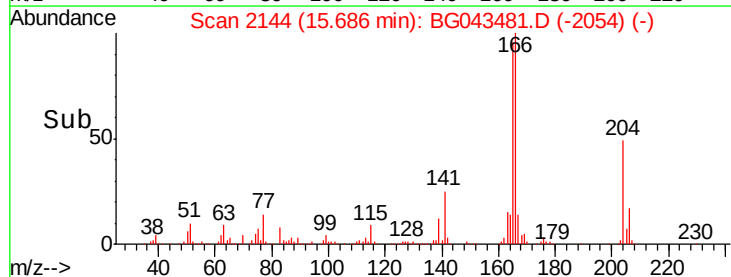
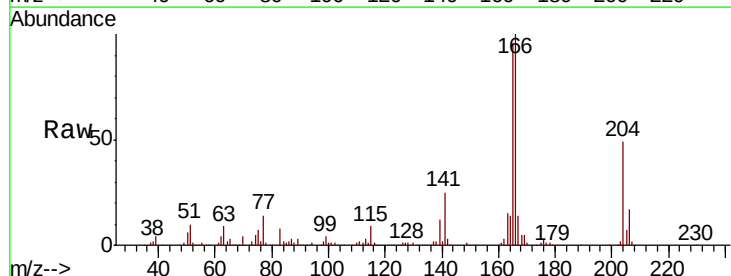
RT: 15.69 min Scan# 2144

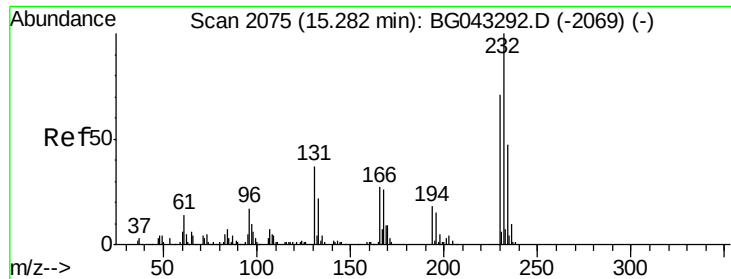
Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	332293		
165	96.5	79.0	118.6	
167	13.6	10.5	15.7	





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.244 ng

RT: 15.27 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

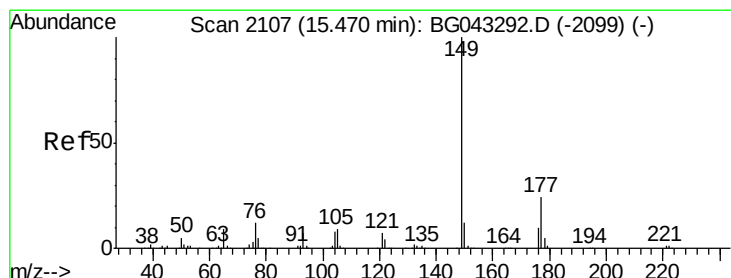
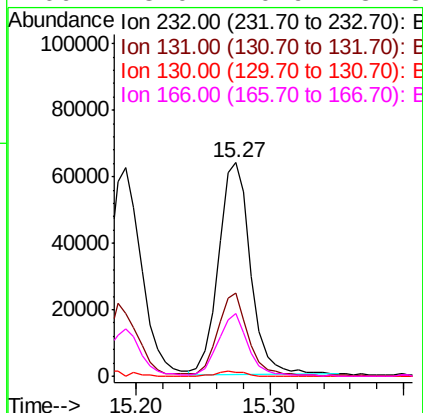
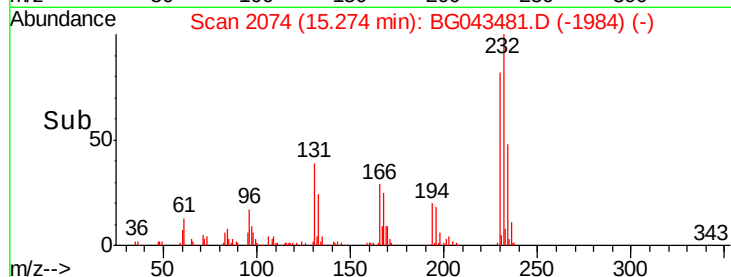
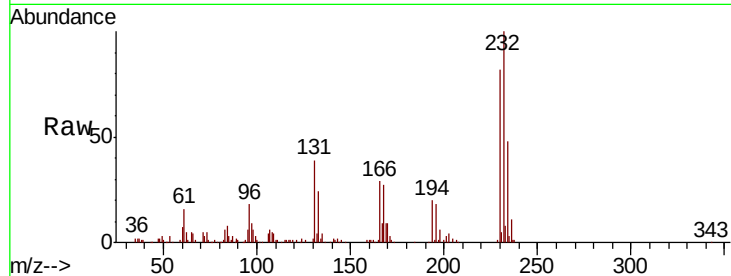
ClientSampled :

PB124488BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	37.7	26.9	40.3		
130	1.9	1.8	2.6		
166	28.0	20.9	31.3		

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#60

Diethylphthalate

Concen: 35.936 ng

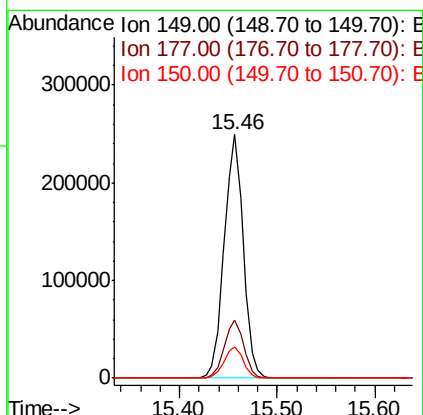
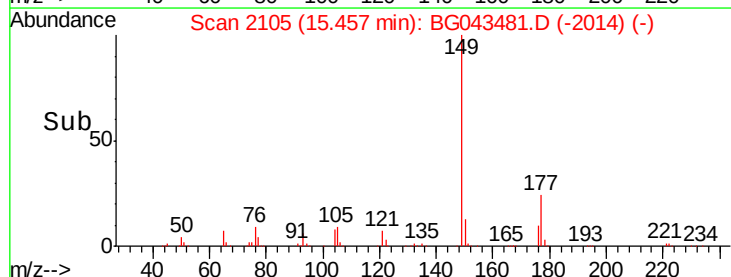
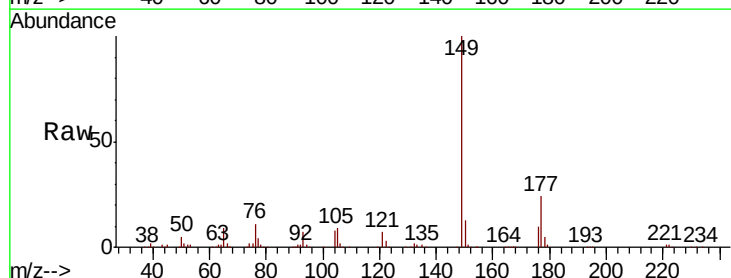
RT: 15.46 min Scan# 2105

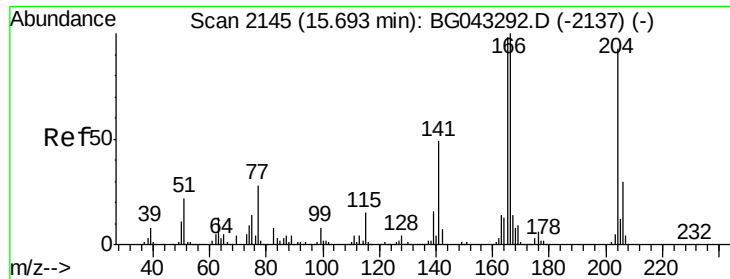
Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	23.7	19.6	29.4		
150	12.6	10.8	16.2		





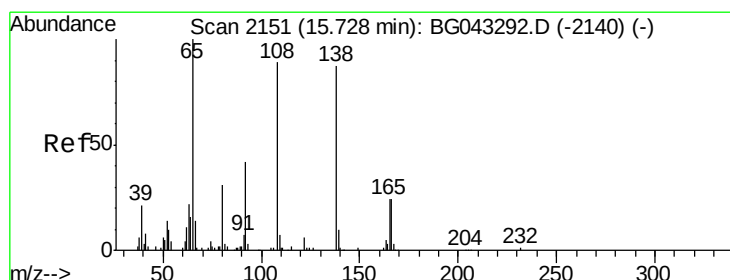
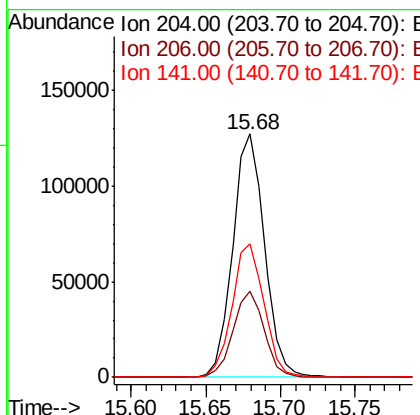
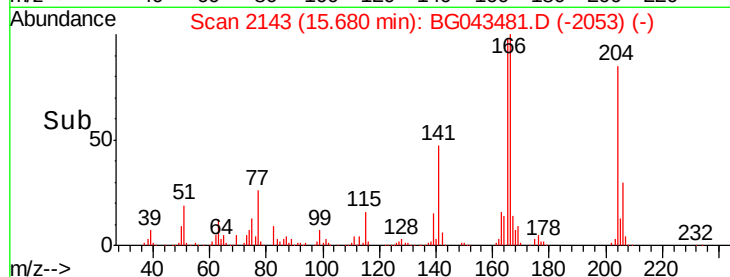
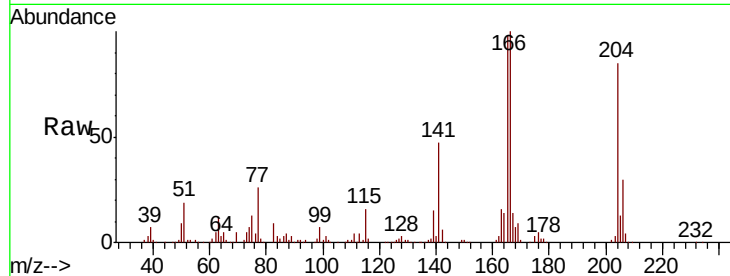
#61
4-Chlorophenyl-phenylether
Concen: 36.043 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	28.4	42.6
141	54.6	43.0	64.6

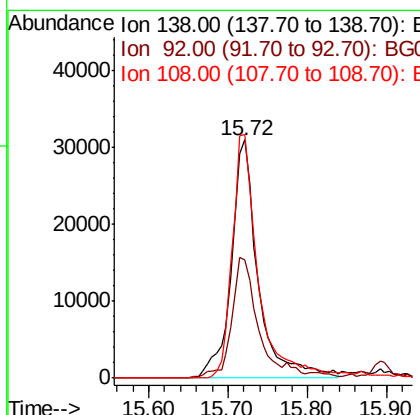
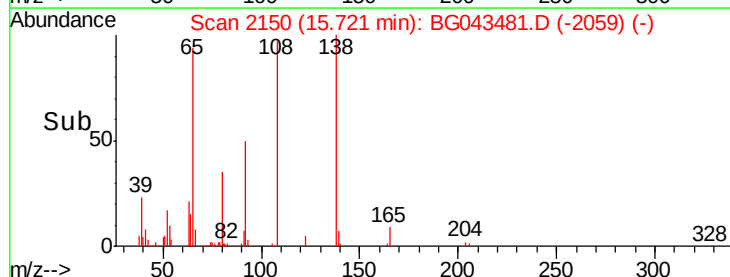
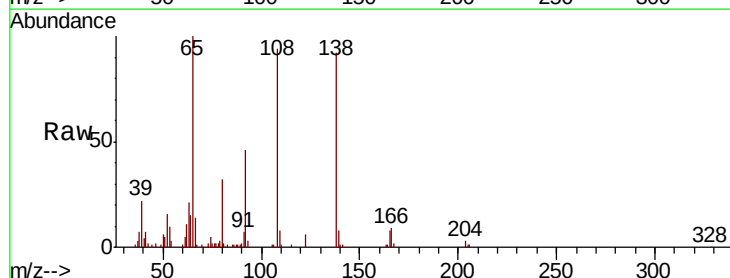
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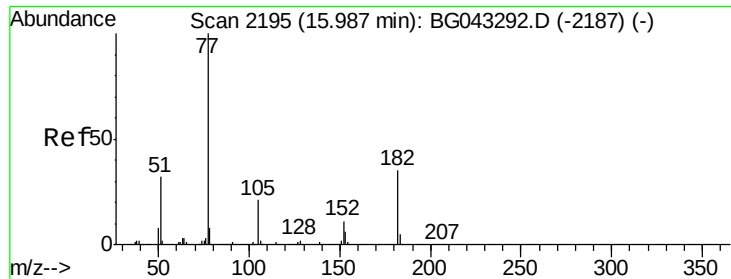
mohammad
11/5/2019 10:41:05 AM



#62
4-Nitroaniline
Concen: 35.893 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.4	73.4
108	102.3	78.0	118.0





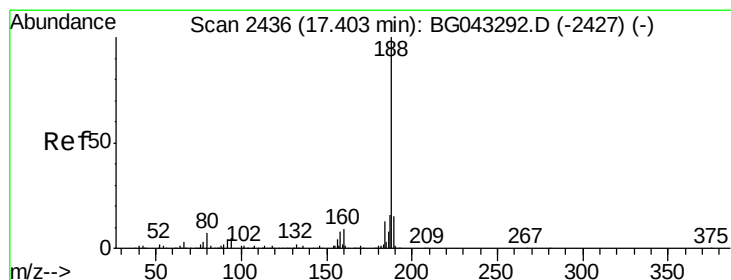
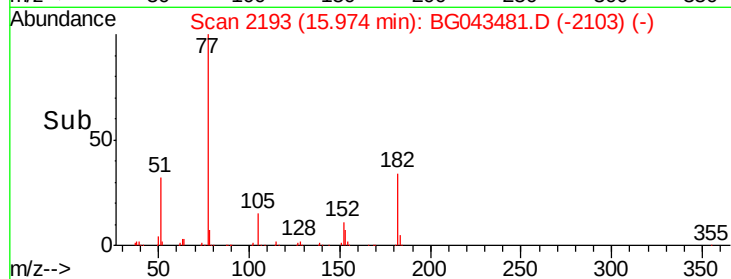
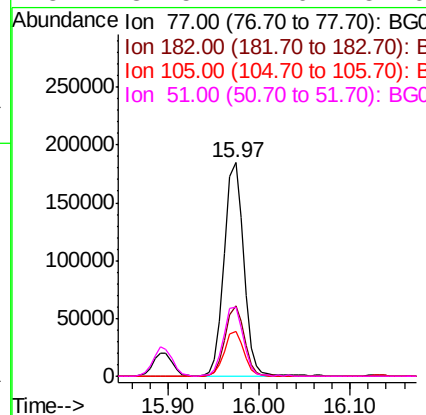
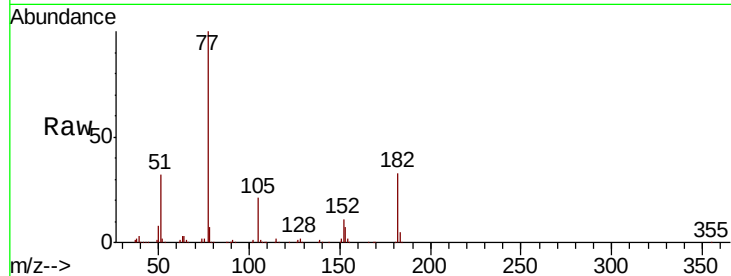
#63
Azobenzene
Concen: 36.268 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		275400		
182	32.9	13.7	53.7		
105	20.9	0.4	40.4		
51	32.5	11.0	51.0		

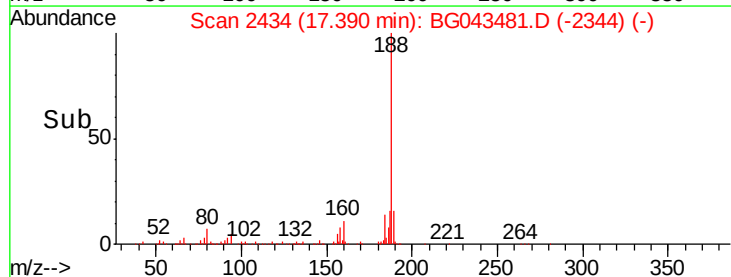
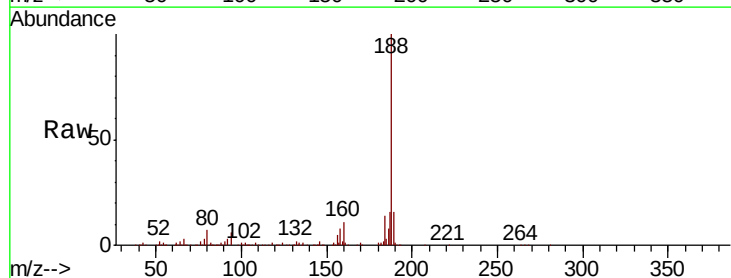
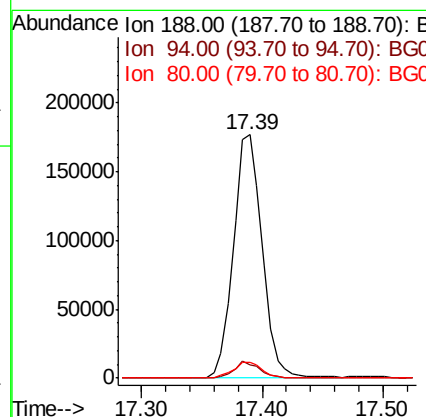
Manual Integrations
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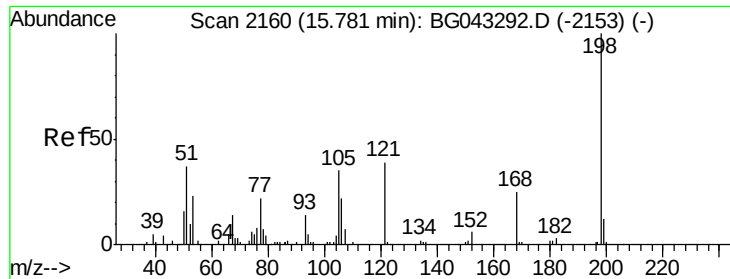
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		293057		
94	5.7	4.2	6.4		
80	6.7	4.5	6.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 41.039 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

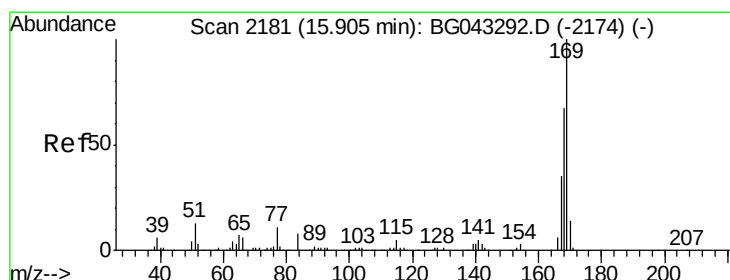
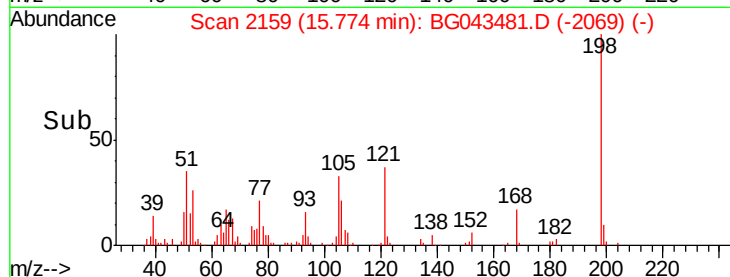
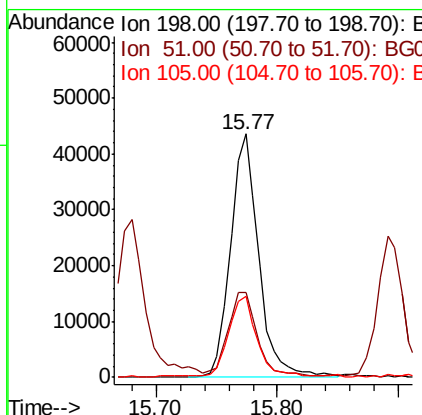
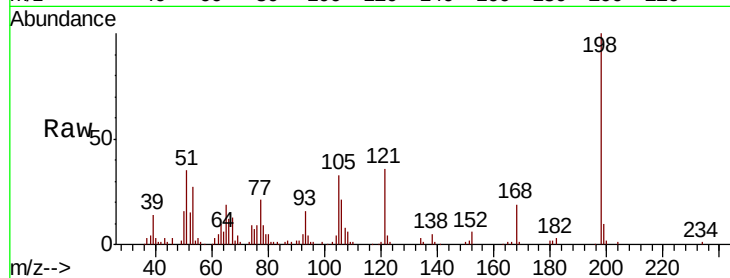
ClientSampleId :

PB124488BS

Tot Ion:	198	Resp:	70777
Ion	Ratio	Lower	Upper
198	100		
51	34.9	13.2	53.2
105	33.2	15.8	55.8

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 35.817 ng

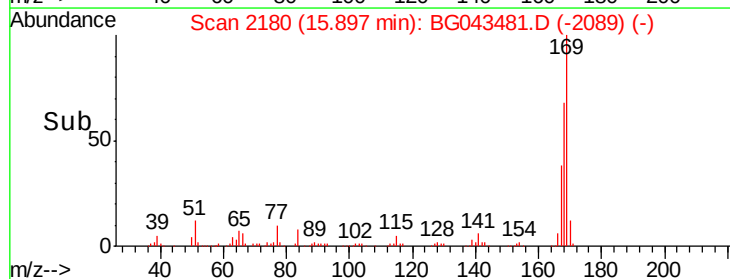
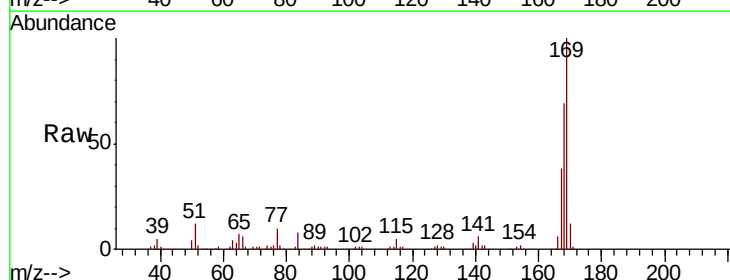
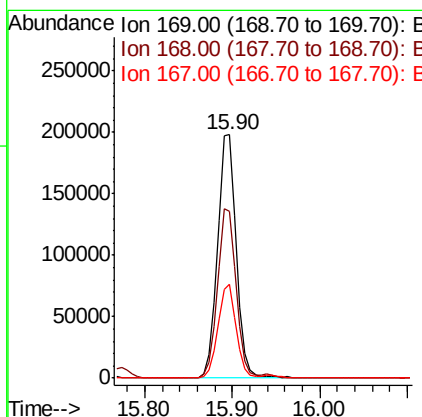
RT: 15.90 min Scan# 2180

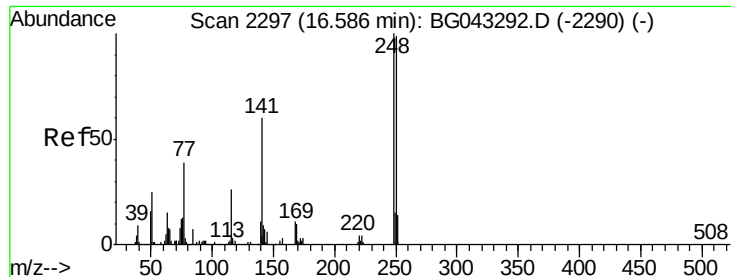
Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:	169	Resp:	296338
Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.8	80.6
167	38.3	27.5	41.3





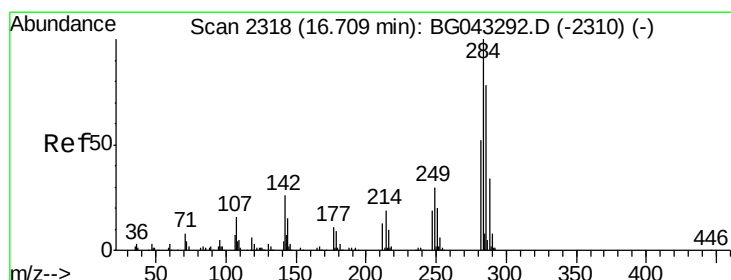
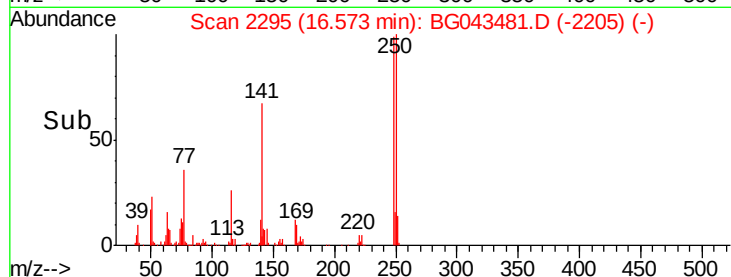
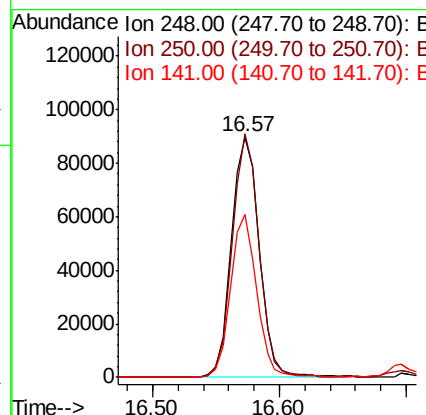
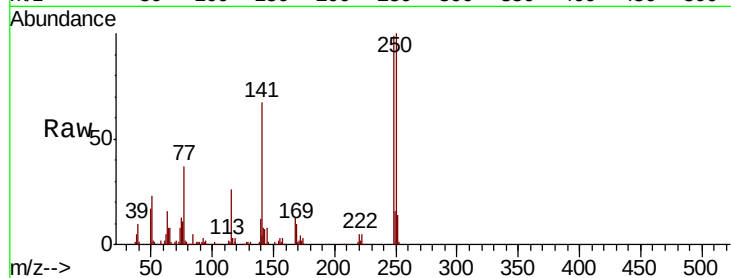
#67
4-Bromophenyl-phenylether
Concen: 34.217 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.0	115.4
141	67.9	47.5	71.3

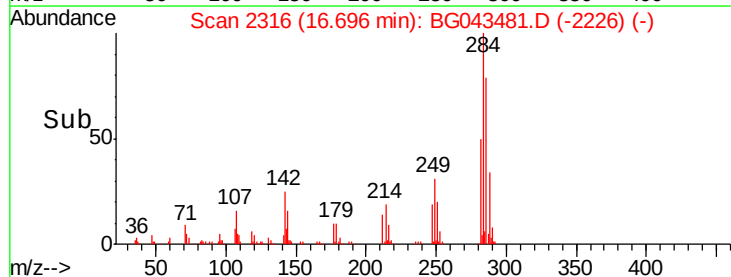
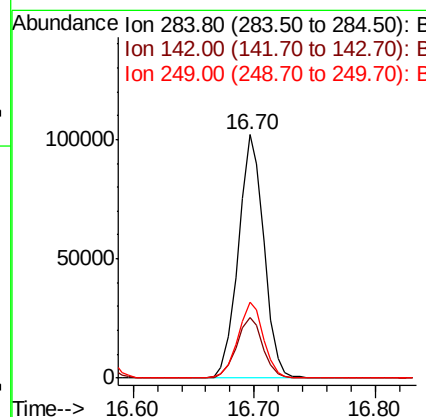
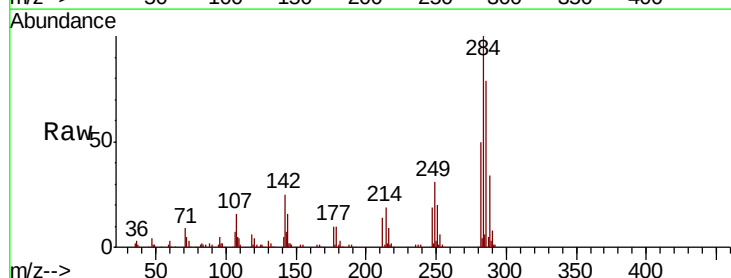
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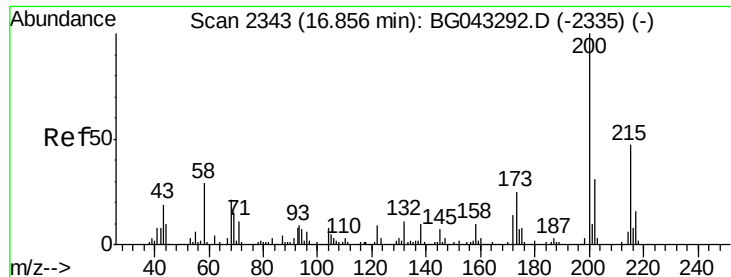
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#68
Hexachlorobenzene
Concen: 33.285 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.8	19.8	29.8
249	31.0	23.8	35.6





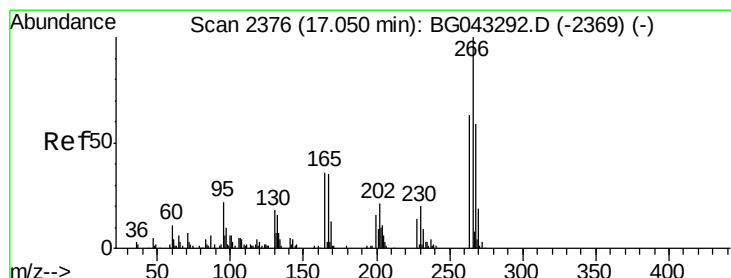
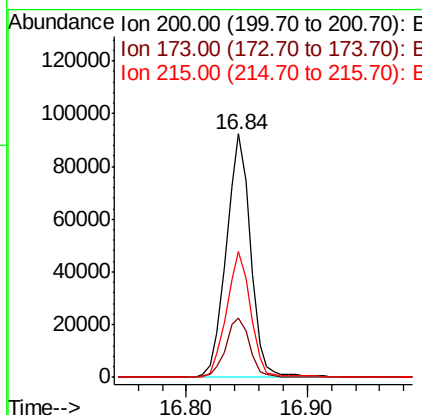
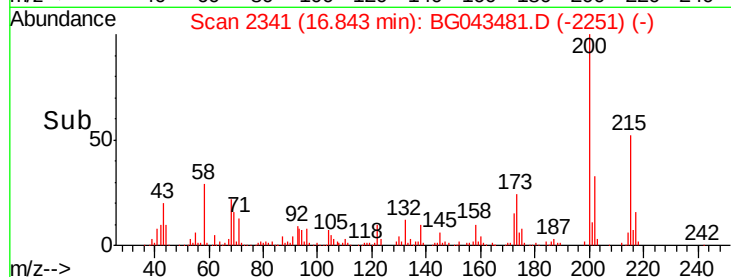
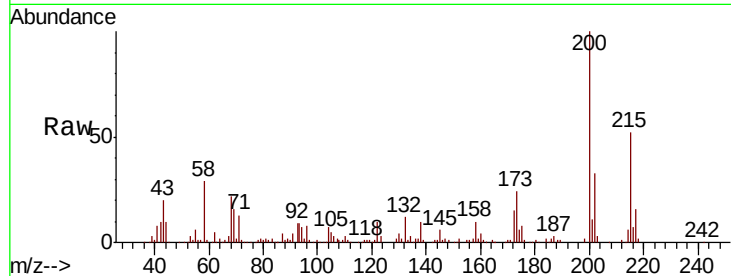
#69
Atrazine
Concen: 45.007 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.7	44.7
215	51.6	28.5	68.5

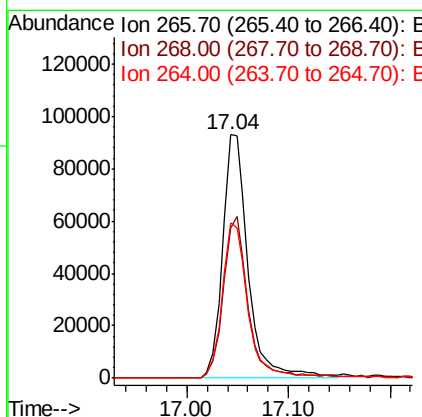
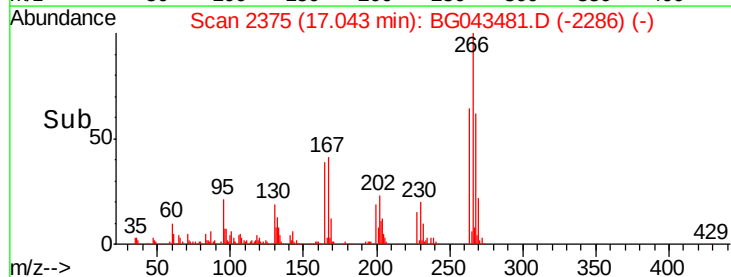
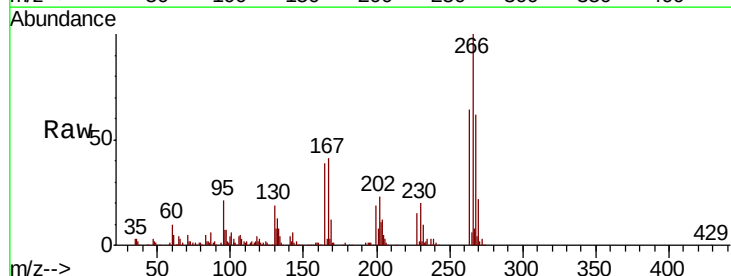
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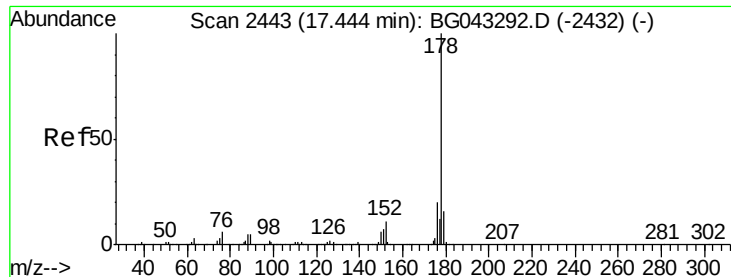
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#70
Pentachlorophenol
Concen: 78.855 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	50.4	75.6
264	63.8	48.9	73.3





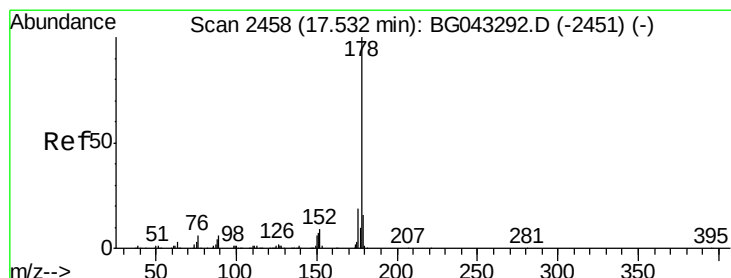
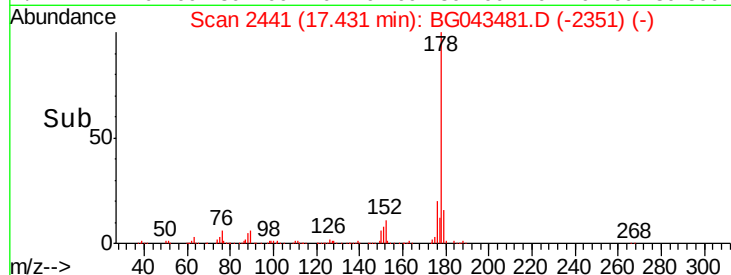
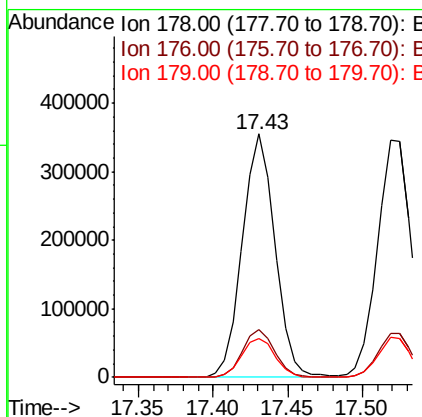
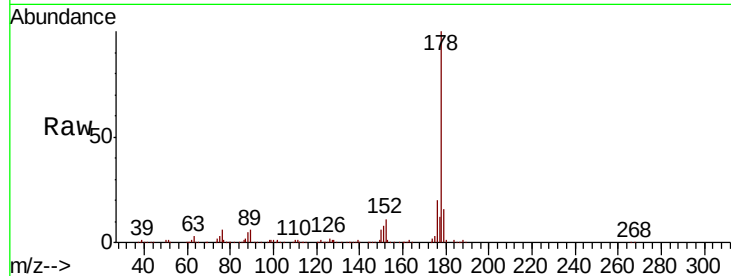
#71
Phenanthrene
Concen: 35.887 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	16.0	13.0	19.6

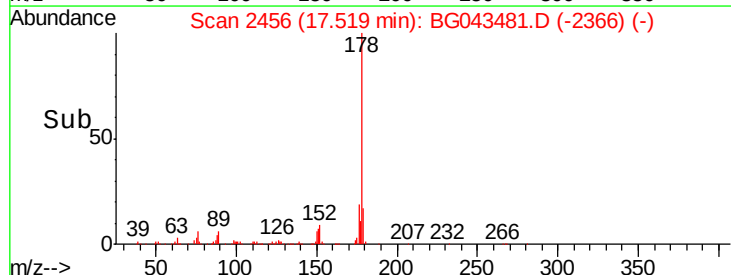
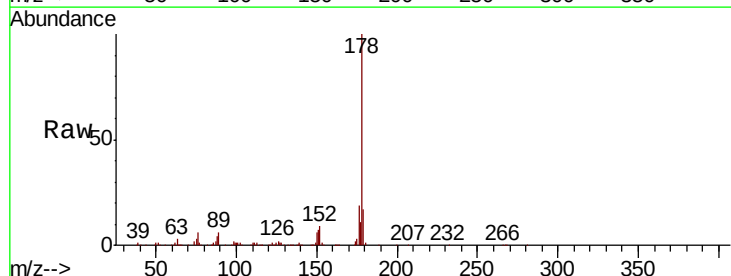
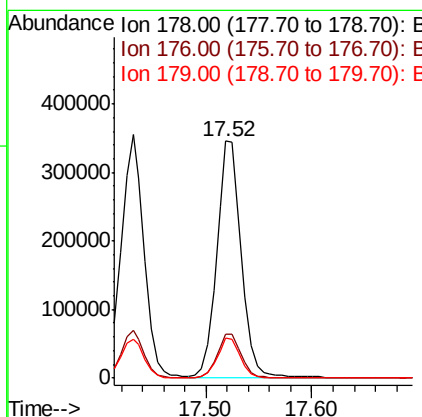
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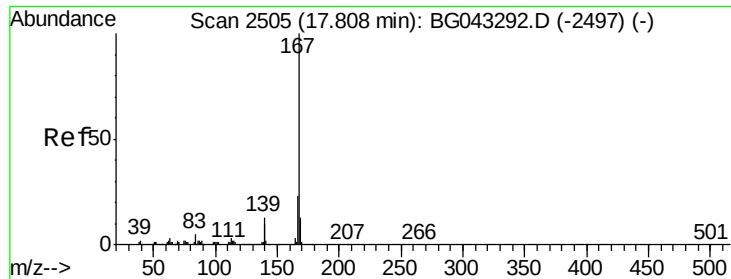
mohammad
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#72
Anthracene
Concen: 36.931 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	17.0	13.7	20.5





#73

Carbazole

Concen: 37.730 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

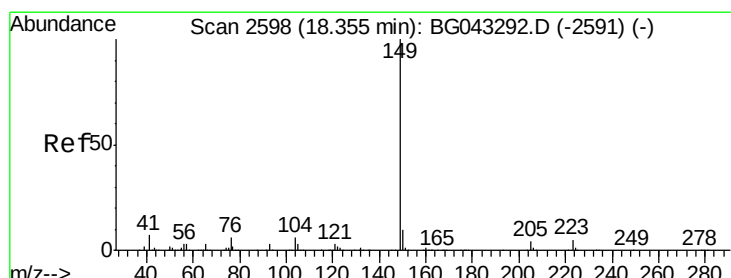
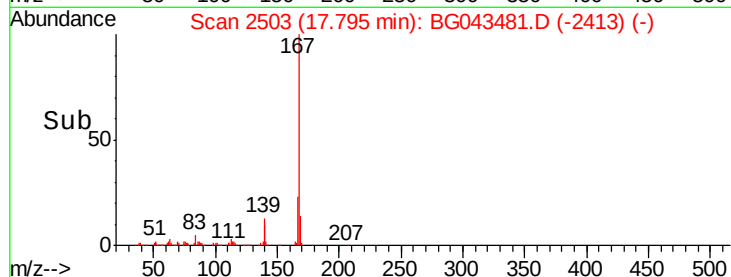
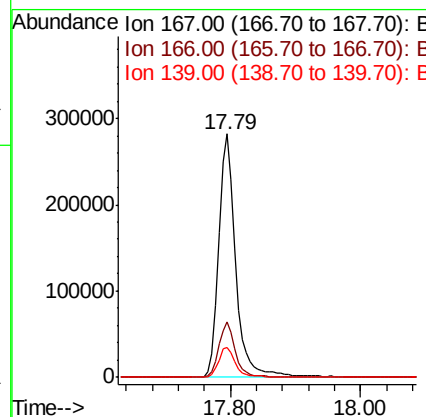
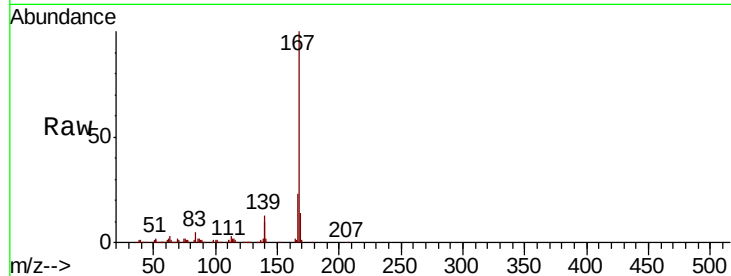
ClientSampleId :

PB124488BS

Tot Ion:	167	Resp:	513004
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.7	28.1
139	12.5	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 36.099 ng

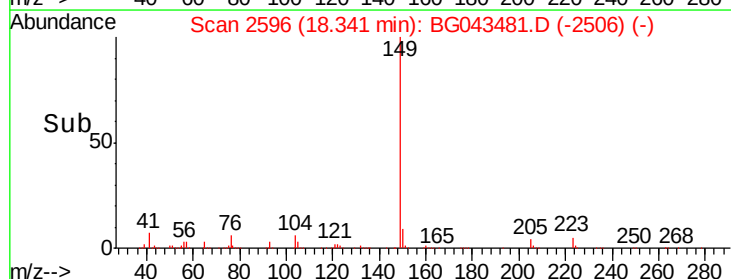
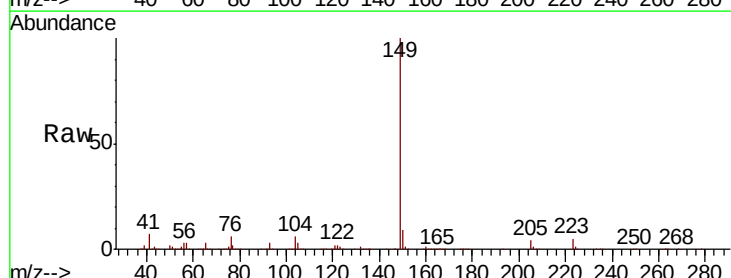
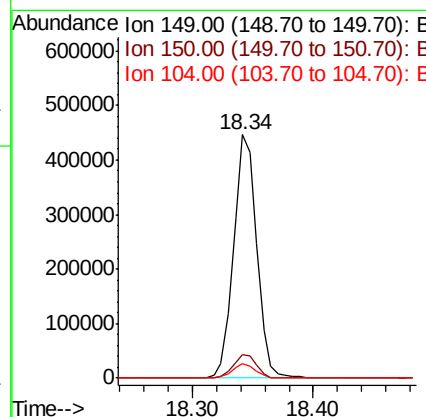
RT: 18.34 min Scan# 2596

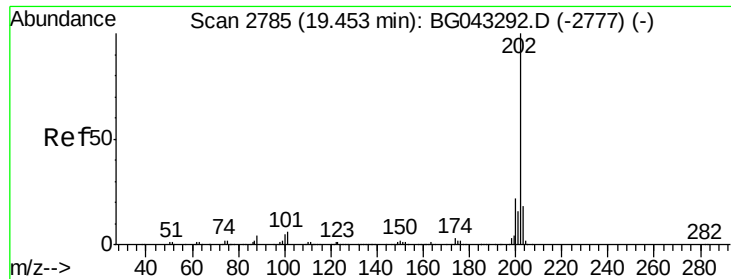
Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:	149	Resp:	595544
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.0	12.0
104	6.0	4.4	6.6





#75

Fluoranthene

Concen: 36.682 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

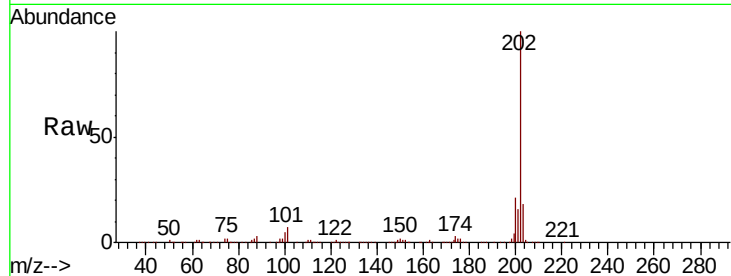
ClientSampleId :

PB124488BS

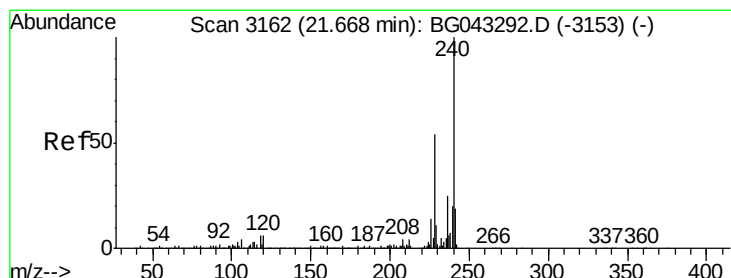
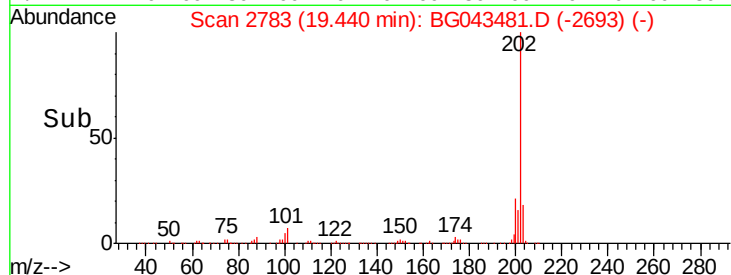
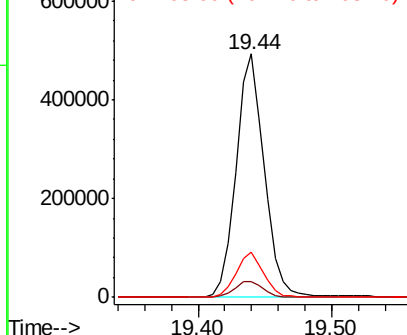
Tot Ion:	202	Resp:	717646
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	26.3
203	18.4	0.0	37.9

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



#76

Chrysene-d12

Concen: 20.000 ng

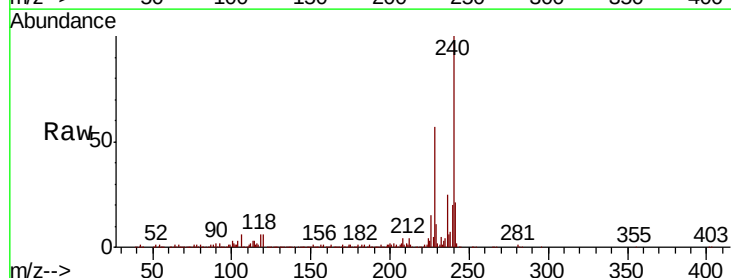
RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

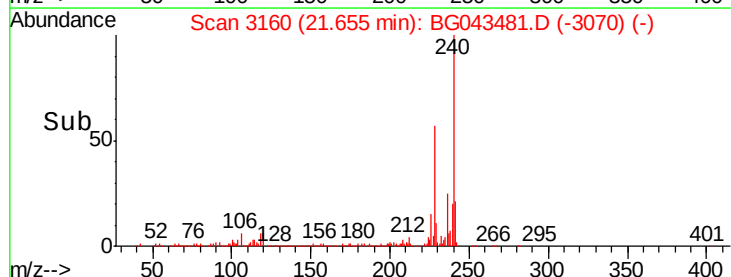
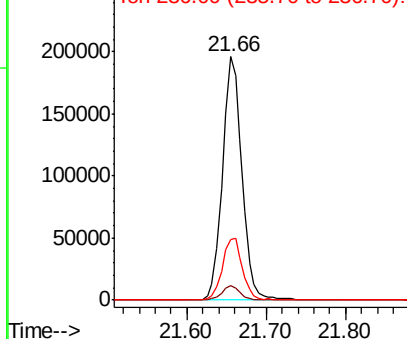
Lab File: BG043481.D

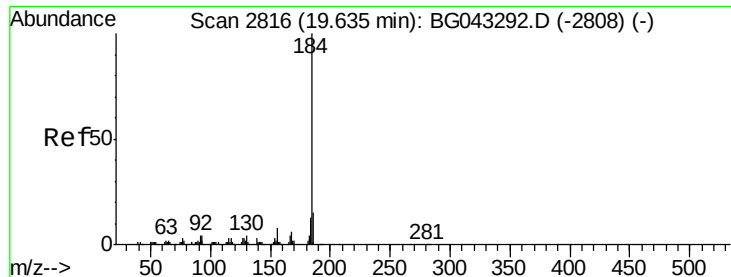
Acq: 4 Nov 2019 15:17

Tgt Ion:	240	Resp:	332630
Ion Ratio	Lower	Upper	
240	100		
120	6.2	4.6	6.8
236	25.0	19.8	29.8



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





#77

Benzidine

Concen: 26.543 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

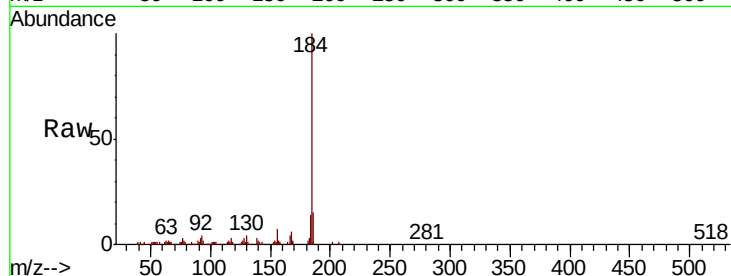
ClientSampleId :

PB124488BS

Tot Ion:	184	Resp:	177685
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.0	16.4
183	13.6	10.0	15.0

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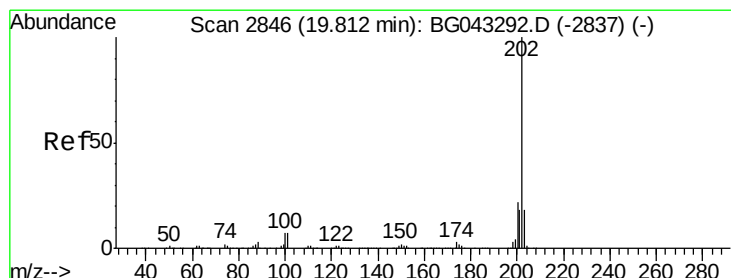
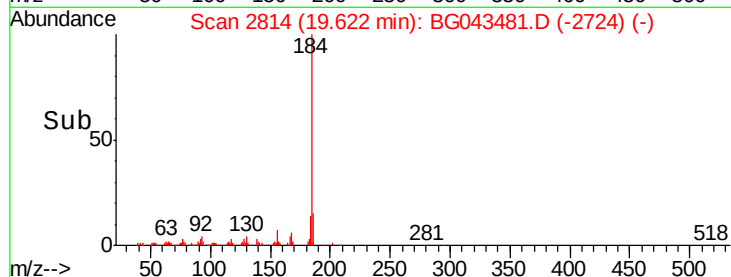
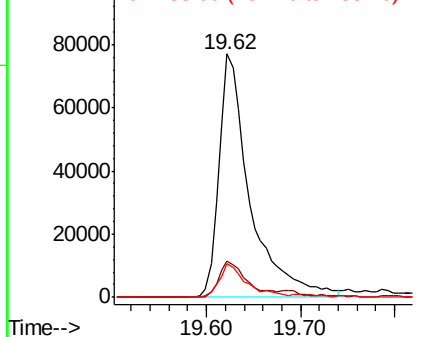


Abundance

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: 35.642 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

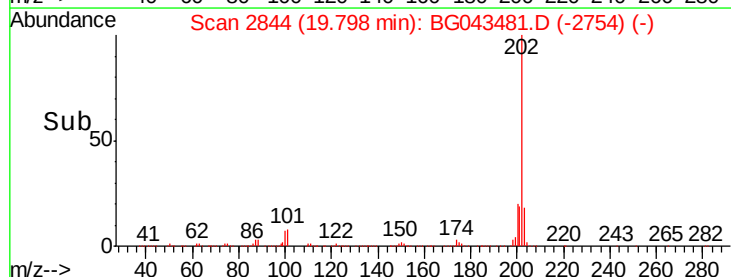
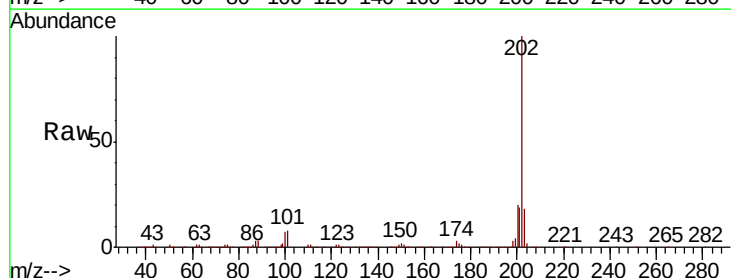
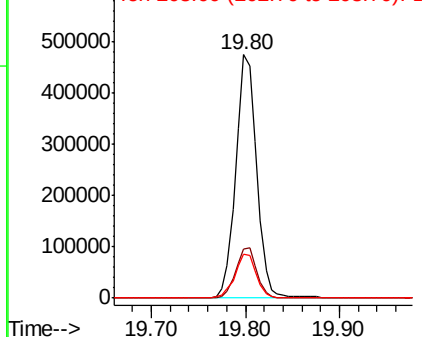
Tgt Ion:	202	Resp:	733848
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.0	25.4
203	17.9	14.7	22.1

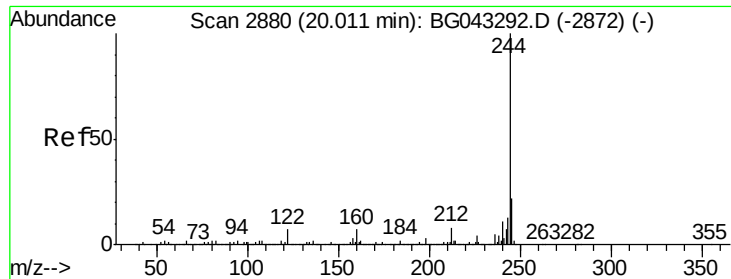
Abundance

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





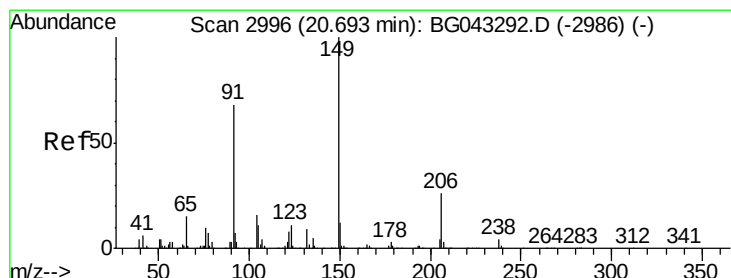
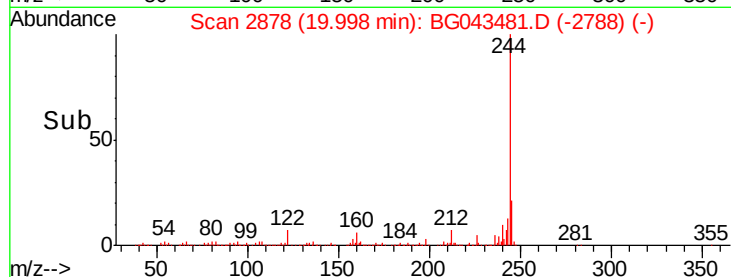
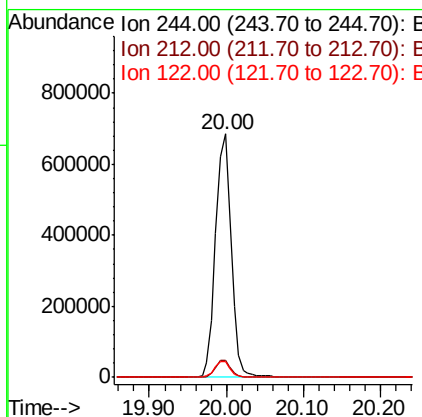
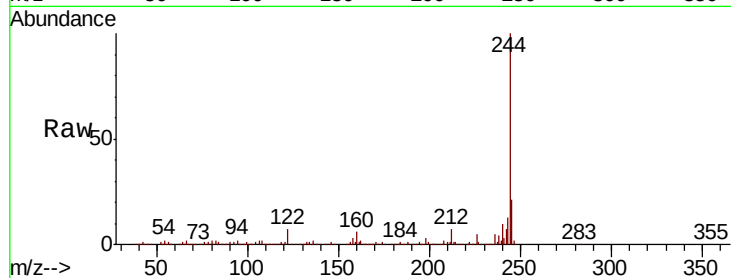
#79
 Terphenyl-d14
 Concen: 54.459 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	6.5	5.4	8.2

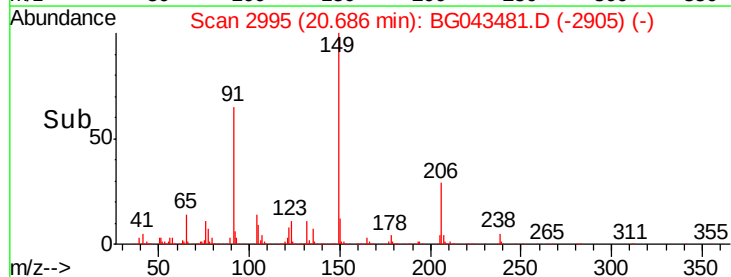
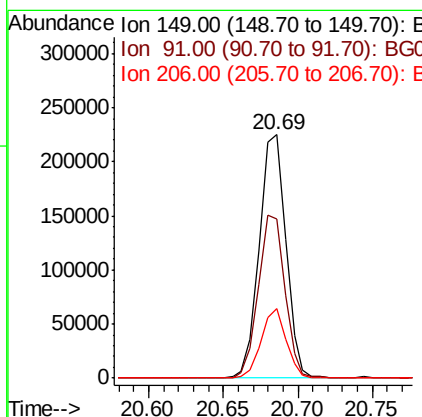
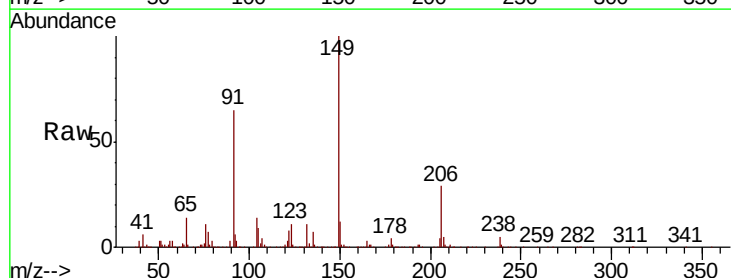
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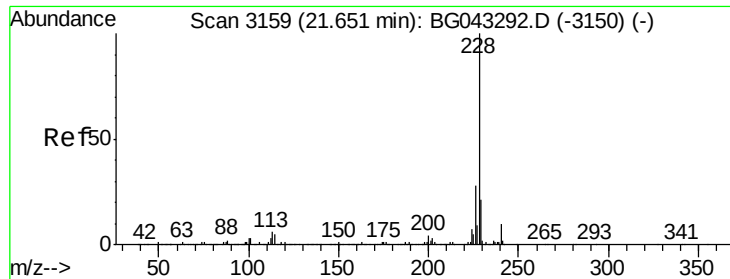
mohammad
 11/5/2019 10:41:05 AM



#80
 Butylbenzylphthalate
 Concen: 35.407 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	51.2	76.8
206	28.7	22.5	33.7





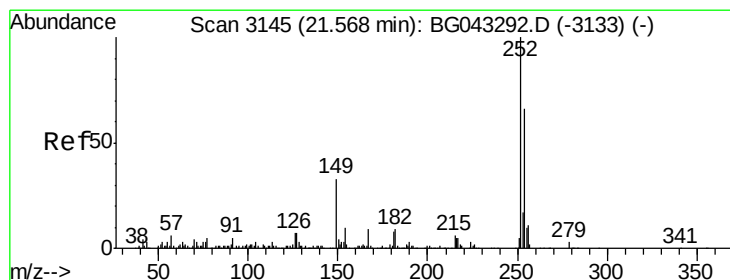
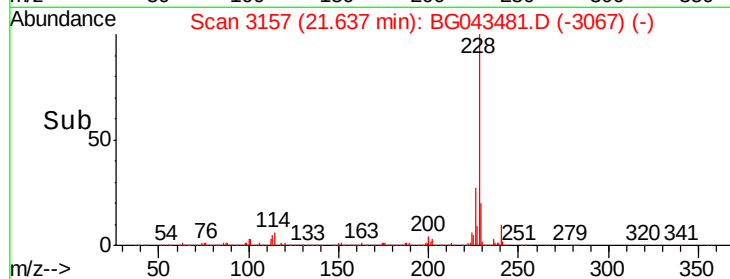
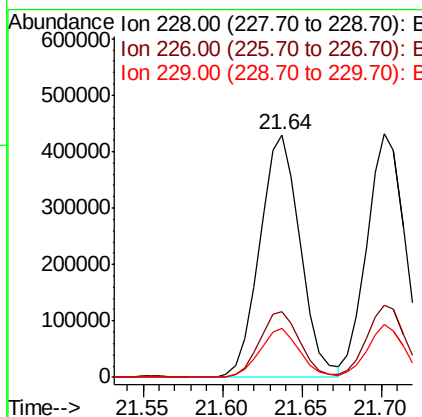
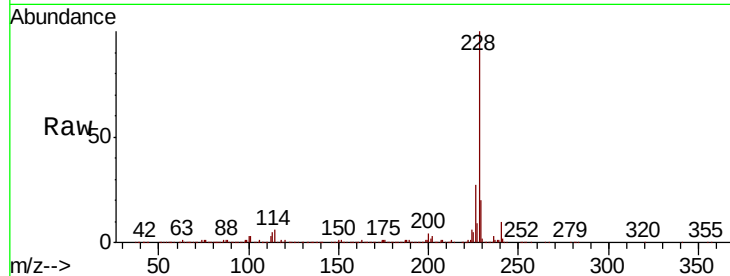
#81
Benzo(a)anthracene
Concen: 36.570 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.3	17.0	25.4

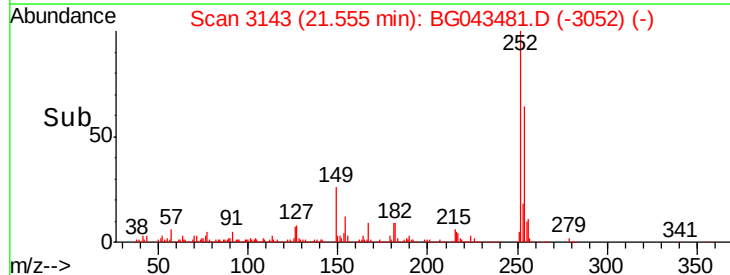
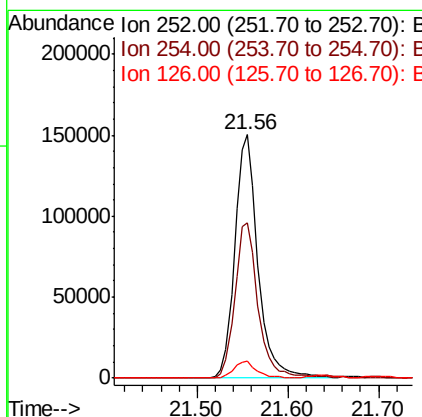
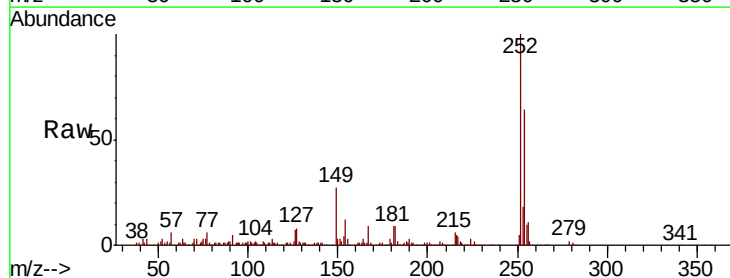
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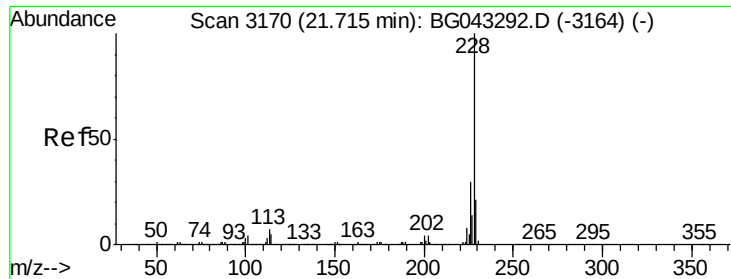
mohammad
11/5/2019 10:41:05 AM



#82
3,3'-Dichlorobenzidine
Concen: 33.211 ng
RT: 21.56 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.8	76.2
126	7.0	6.1	9.1





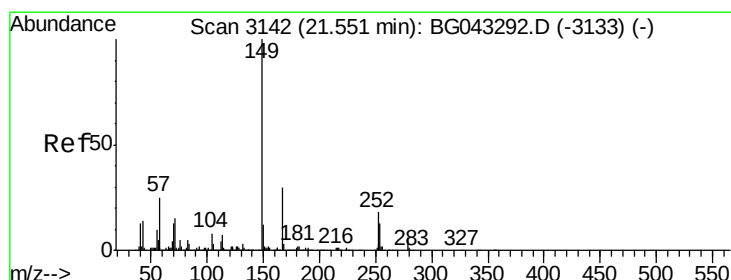
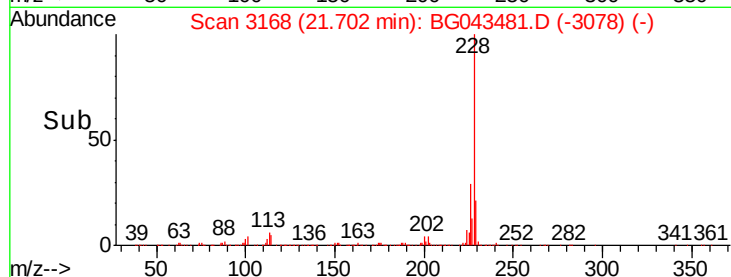
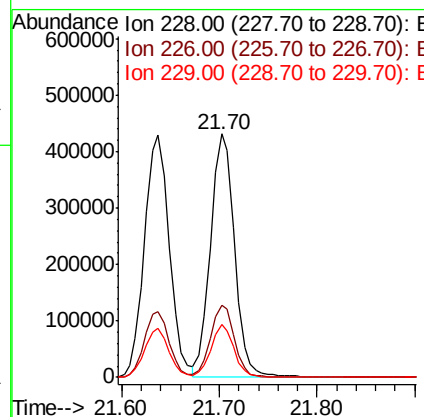
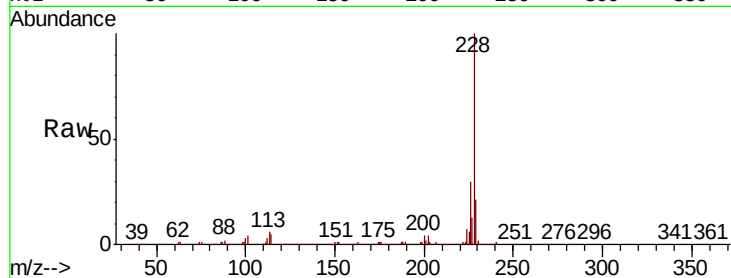
#83
 Chrysene
 Concen: 35.440 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124488BS

Tot Ion:	228	Resp:	733671
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.1	37.7
229	21.5	17.0	25.4

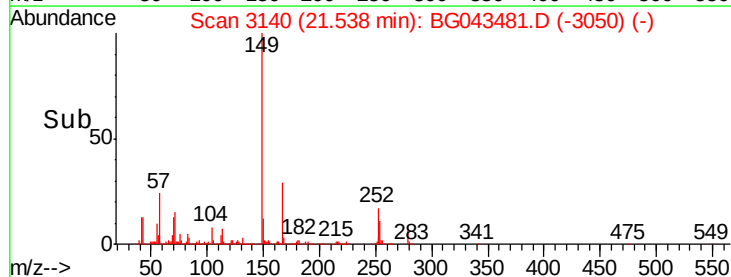
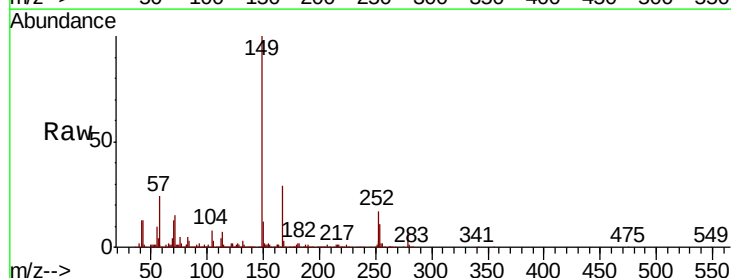
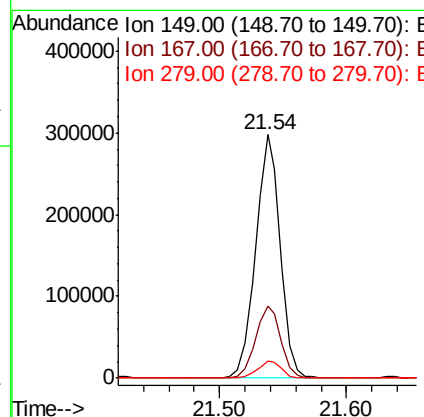
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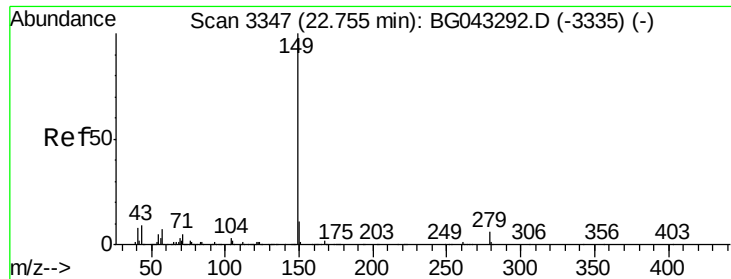
mohammad
 11/5/2019 10:41:05 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.023 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043481.D
 Acq: 4 Nov 2019 15:17

Tgt Ion:	149	Resp:	399164
Ion Ratio	Lower	Upper	
149	100		
167	29.5	24.0	36.0
279	6.9	5.4	8.2





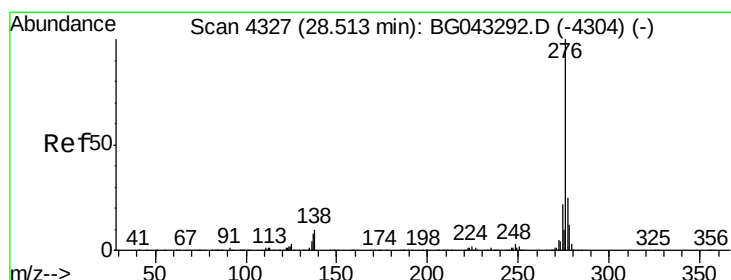
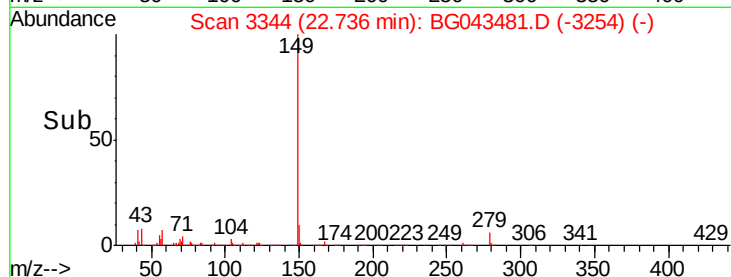
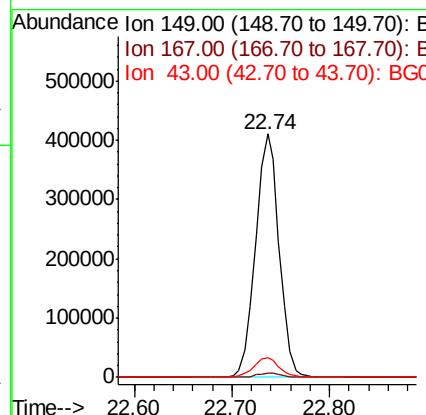
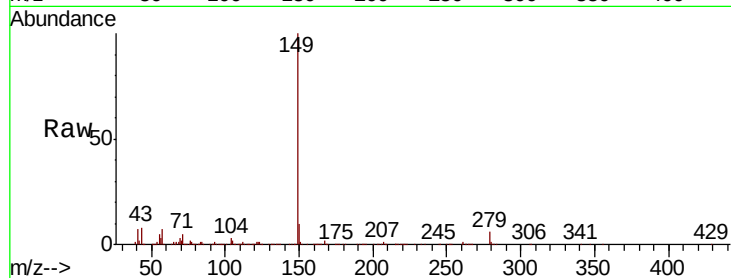
#85
Di-n-octyl phthalate
Concen: 37.033 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampled :
PB124488BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	696200		
167	1.8		1.4	2.2
43	8.3		7.0	10.6

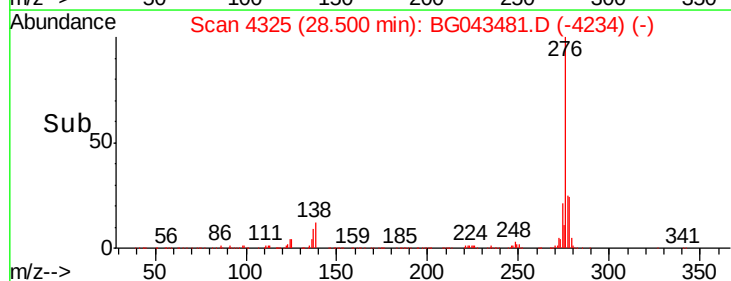
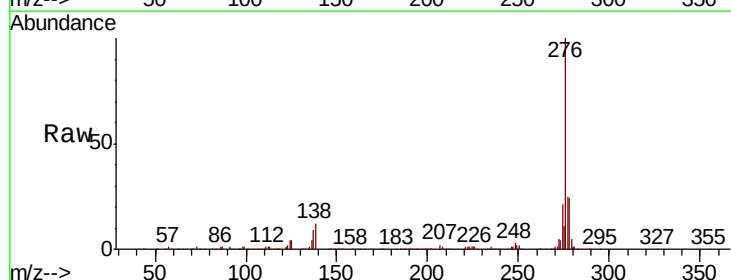
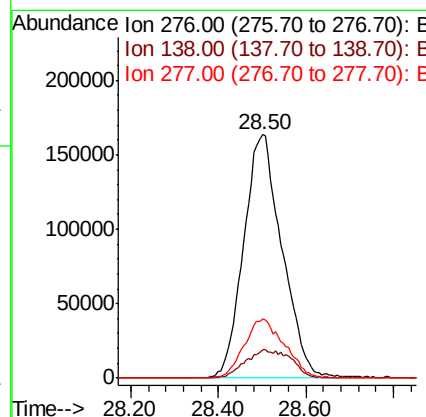
Manual Integrations
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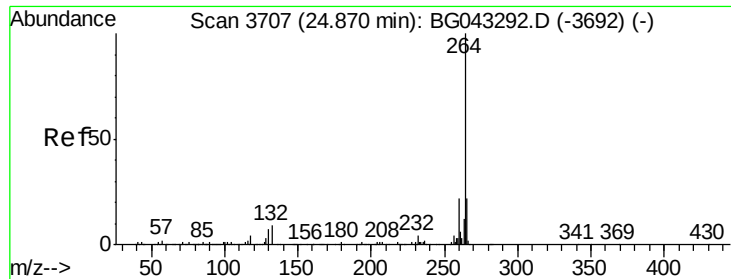
mohammad
11/5/2019 10:41:05 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.425 ng
RT: 28.50 min Scan# 4325
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	972539		
138	8.2		6.8	10.2
277	25.5		20.9	31.3





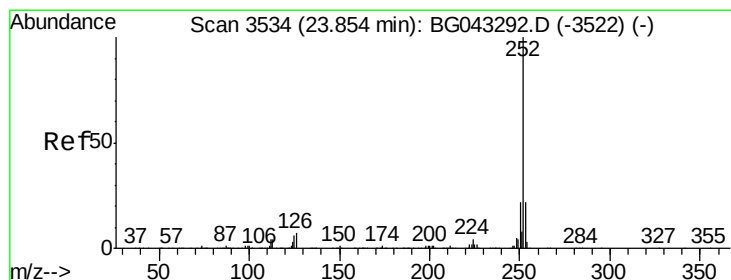
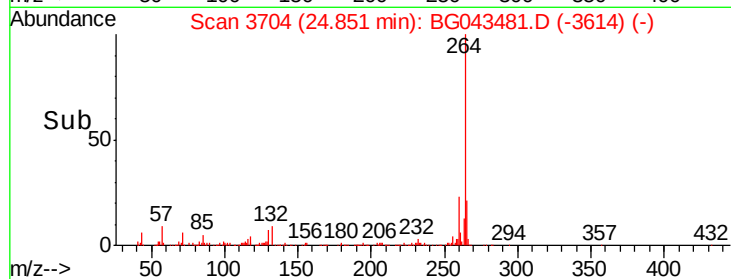
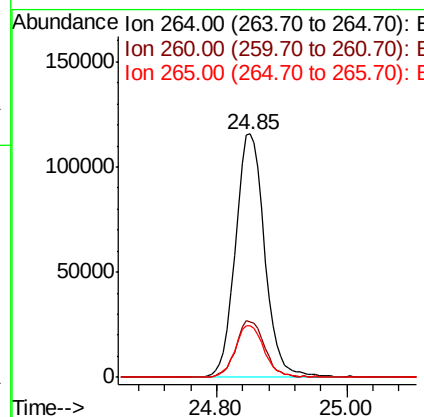
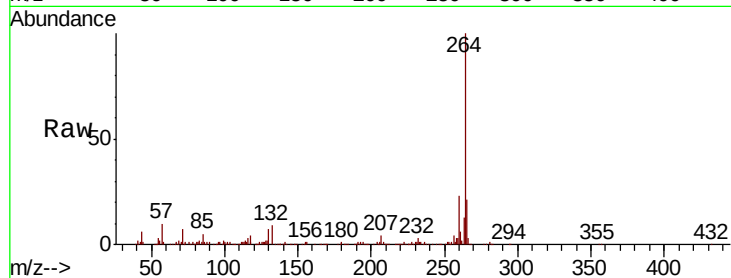
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.5	26.3
265	21.0	17.4	26.0

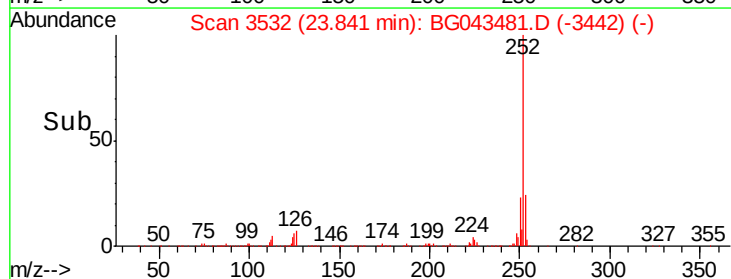
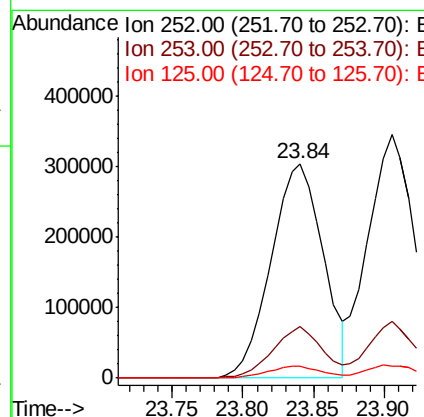
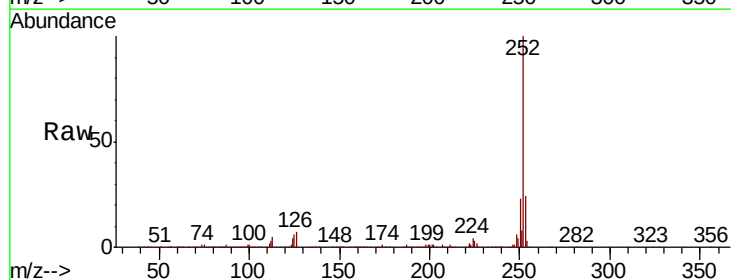
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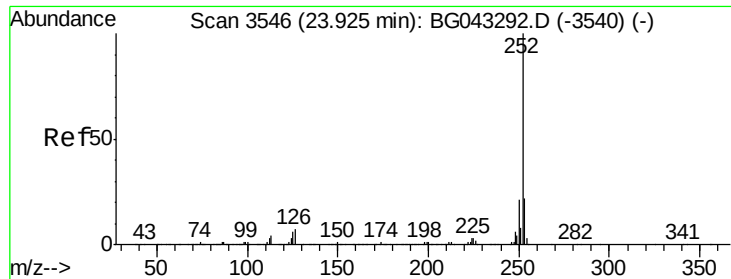
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.601 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	5.7	4.5	6.7





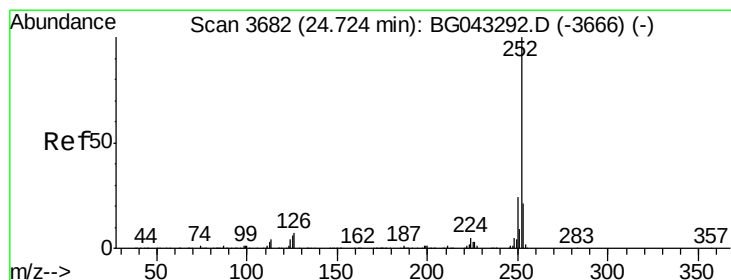
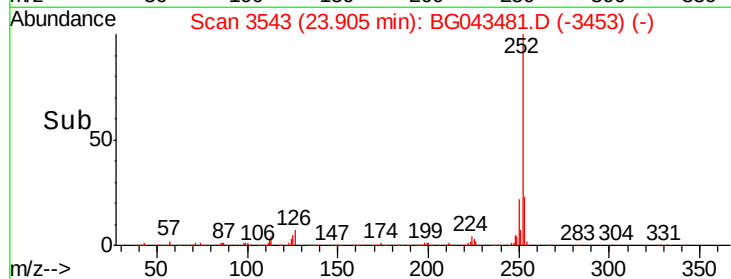
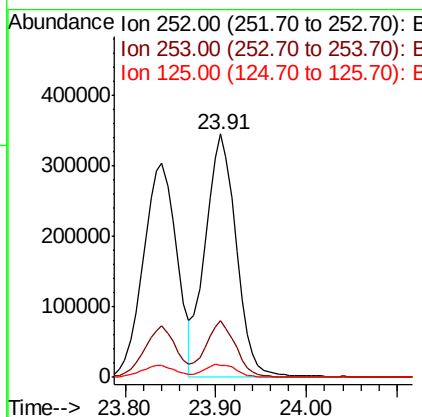
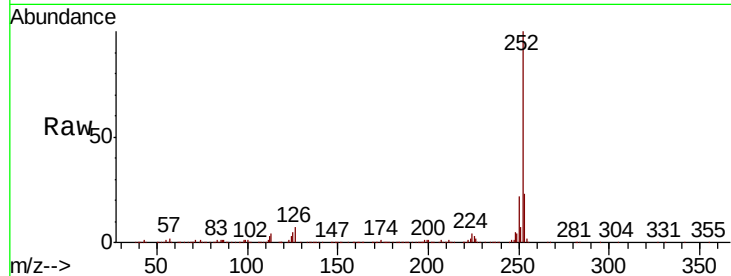
#89
Benzo(k)fluoranthene
Concen: 39.804 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Instrument :
BNA_G
ClientSampleId :
PB124488BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	4.8	4.6	6.8

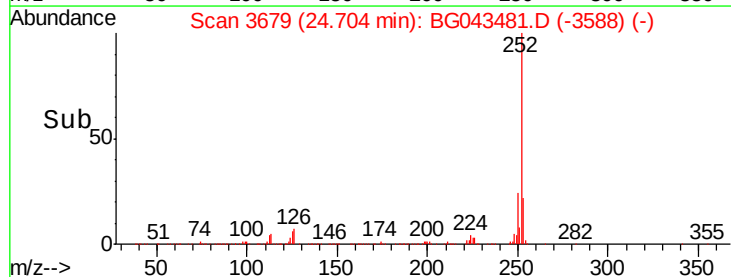
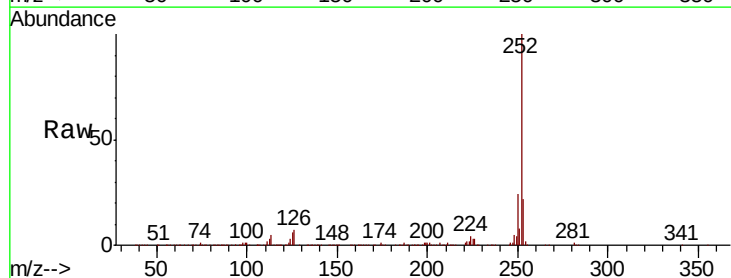
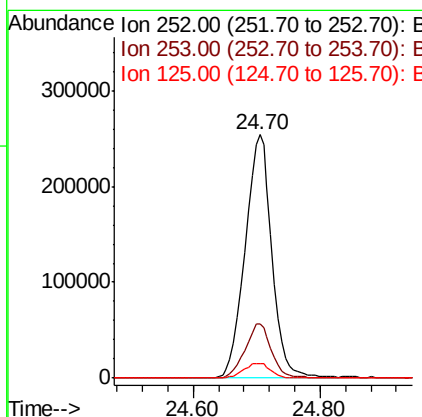
Manual Integrations
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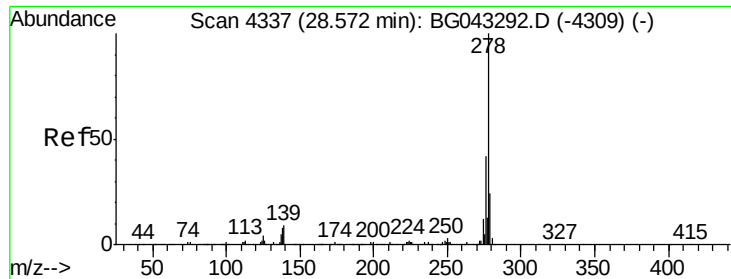
mohammad
11/5/2019 10:41:05 AM



#90
Benzo(a)pyrene
Concen: 38.365 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043481.D
Acq: 4 Nov 2019 15:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	6.2	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 41.789 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Instrument :

BNA_G

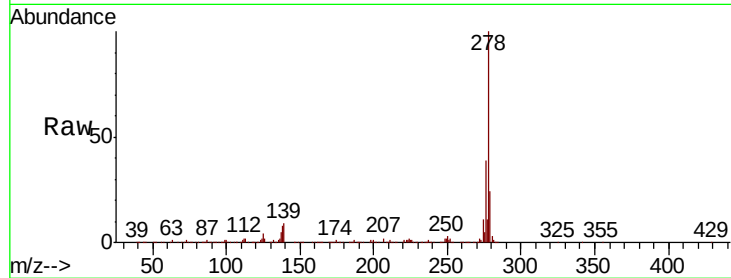
ClientSampled :

PB124488BS

Tot Ion:	278	Resp:	830572
Ion Ratio	Lower	Upper	
278	100		
139	9.2	7.4	11.0
279	24.2	19.1	28.7

Manual Integrations
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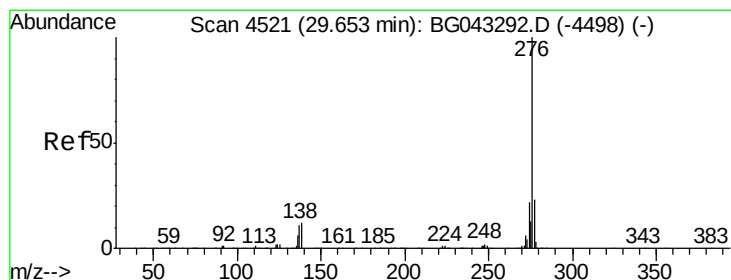
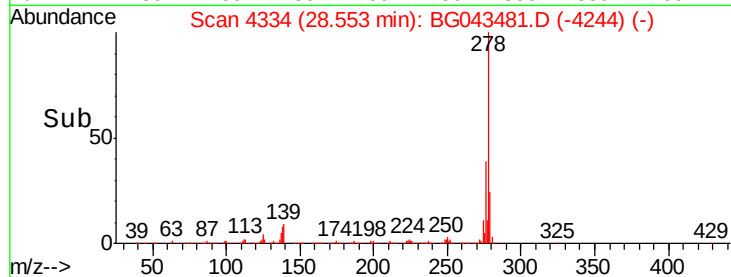
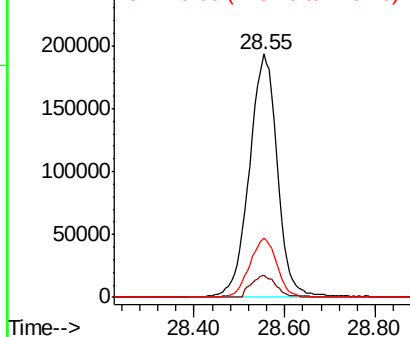


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.773 ng

RT: 29.63 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BG043481.D

Acq: 4 Nov 2019 15:17

Tgt Ion:	276	Resp:	818975
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.9	28.3
138	9.8	8.9	13.3

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

