

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043353.D
 Acq On : 28 Oct 2019 17:01
 Operator : JU
 Sample : PB124310BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BS

Manual Integrations
 APPROVED

mohammad
 10/29/2019 3:34:35 PM

Quant Time: Oct 29 13:29:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31568	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	127178	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	102077	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	236964	20.00	ng	0.00
76) Chrysene-d12	21.67	240	283502	20.00	ng	0.00
87) Perylene-d12	24.86	264	325085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	234235	135.97	ng	0.00
7) Phenol-d6	7.22	99	312417	126.05	ng	0.01
23) Nitrobenzene-d5	9.19	82	154662	62.70	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	205326	105.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	432598	58.56	ng	0.00
79) Terphenyl-d14	20.00	244	889311	58.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29106	43.356	ng	97
3) Pyridine	3.89	79	69846	41.244	ng	93
4) n-Nitrosodimethylamine	3.80	42	39237	45.916	ng	# 79
6) Aniline	7.35	93	101225	35.452	ng	97
8) 2-Chlorophenol	7.60	128	94121	49.493	ng	95
9) Benzaldehyde	7.16	77	53734	44.113	ng	94
10) Phenol	7.24	94	111517	49.237	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	77288	44.137	ng	96
12) 1,3-Dichlorobenzene	7.92	146	103617	43.488	ng	97
13) 1,4-Dichlorobenzene	8.06	146	103784	43.052	ng	96
14) 1,2-Dichlorobenzene	8.38	146	100095	42.526	ng	97
15) Benzyl Alcohol	8.27	79	75503	43.375	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105678	41.503	ng	96
17) 2-Methylphenol	8.49	107	78224	47.376	ng	95
18) Hexachloroethane	9.11	117	37077	42.630	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	67457	42.118	ng	96
20) 3+4-Methylphenols	8.82	107	107364	47.420	ng	90
22) Acetophenone	8.85	105	135196	41.511	ng	100
24) Nitrobenzene	9.23	77	104183	44.334	ng	97
25) Isophorone	9.75	82	189054	41.918	ng	97
26) 2-Nitrophenol	9.94	139	52623	46.383	ng	96
27) 2,4-Dimethylphenol	10.01	122	88154	54.213	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	107573	43.216	ng	99
29) 2,4-Dichlorophenol	10.50	162	96512	46.323	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	111834	42.589	ng	95
31) Naphthalene	10.88	128	286577	44.393	ng	96
32) Benzoic acid	10.17	122	43861	37.715	ng	96
33) 4-Chloroaniline	11.00	127	56864	21.489	ng	97
34) Hexachlorobutadiene	11.17	225	77746	40.052	ng	96
35) Caprolactam	11.76	113	31138m	43.395	ng	
36) 4-Chloro-3-methylphenol	12.13	107	104335	45.910	ng	97
37) 2-Methylnaphthalene	12.48	142	216727	43.755	ng	98
38) 1-Methylnaphthalene	12.70	142	207685	44.068	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	139950	37.046	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	190102	95.795	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	89711	40.324	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	94694	42.102	nq	98
46) 1,1'-Biphenyl	13.49	154	289473	37.277	nq	97
47) 2-Chloronaphthalene	13.53	162	228184	38.620	nq	97
48) 2-Nitroaniline	13.74	65	68722	38.915	nq	99
49) Acenaphthylene	14.37	152	374598	40.736	nq	97
50) Dimethylphthalate	14.10	163	301739	38.163	nq	98
51) 2,6-Dinitrotoluene	14.22	165	66610	38.779	nq	97
52) Acenaphthene	14.71	154	219307	39.107	nq	95
53) 3-Nitroaniline	14.57	138	41742	25.170	nq	87
54) 2,4-Dinitrophenol	14.77	184	71311	67.714	nq	96
55) Dibenzofuran	15.05	168	361655	39.768	nq	100
56) 4-Nitrophenol	14.90	139	94999	85.481	nq	94
57) 2,4-Dinitrotoluene	15.01	165	94609	38.541	nq	97
58) Fluorene	15.70	166	301987	39.593	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	99655	41.703	nq	# 98
60) Diethylphthalate	15.47	149	304223	38.294	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	173752	39.049	nq	97
62) 4-Nitroaniline	15.73	138	60044	35.058	nq	94
63) Azobenzene	15.98	77	252578	39.284	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	60400	43.312	nq	91
66) n-Nitrosodiphenylamine	15.91	169	271380	40.564	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	120808	37.883	nq	95
68) Hexachlorobenzene	16.71	284	139469	38.100	nq	99
69) Atrazine	16.85	200	116066	49.928	nq	94
70) Pentachlorophenol	17.05	266	154663	92.724	nq	96
71) Phenanthrene	17.44	178	485918	40.045	nq	98
72) Anthracene	17.53	178	503168	41.445	nq	99
73) Carbazole	17.81	167	457503	41.613	nq	99
74) Di-n-butylphthalate	18.35	149	552421	41.411	nq	99
75) Fluoranthene	19.45	202	667549	42.198	nq	99
77) Benzidine	19.63	184	302195	52.965	nq	97
78) Pyrene	19.81	202	682198	38.875	nq	97
80) Butylbenzylphthalate	20.69	149	251065	37.763	nq	99
81) Benzo(a)anthracene	21.64	228	703514	39.616	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	202001	29.409	nq	97
83) Chrysene	21.71	228	690884	39.156	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	369659	39.142	nq	100
85) Di-n-octyl phthalate	22.75	149	633281	39.524	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	882711	39.855	nq	100
88) Benzo(b)fluoranthene	23.85	252	750592	40.767	nq	99
89) Benzo(k)fluoranthene	23.92	252	749759	40.450	nq	99
90) Benzo(a)pyrene	24.71	252	690222	39.257	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	739194	41.104	nq	99
92) Benzo(g,h,i)perylene	29.64	276	739005	41.660	nq	100

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



#1

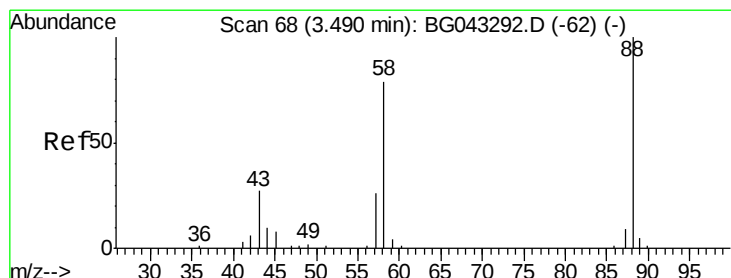
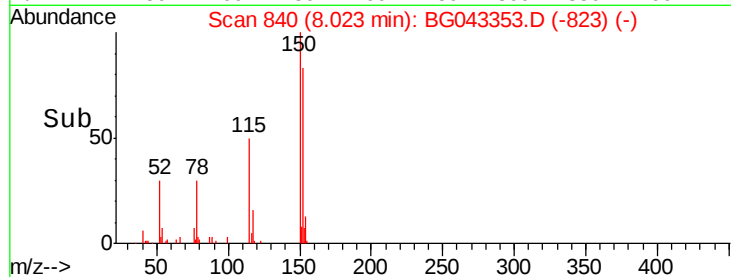
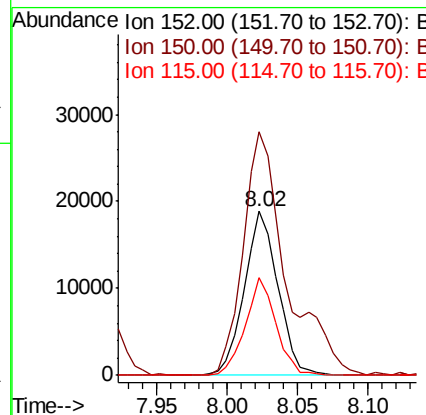
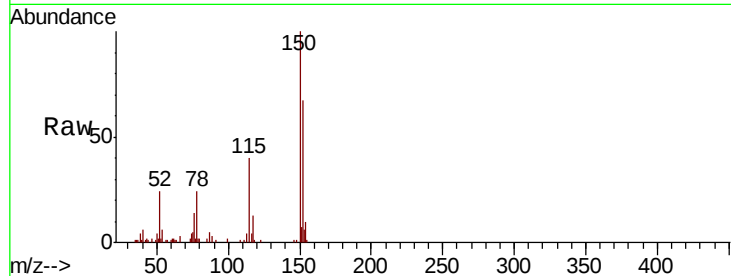
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	113.6	170.4
115	59.4	45.9	68.9

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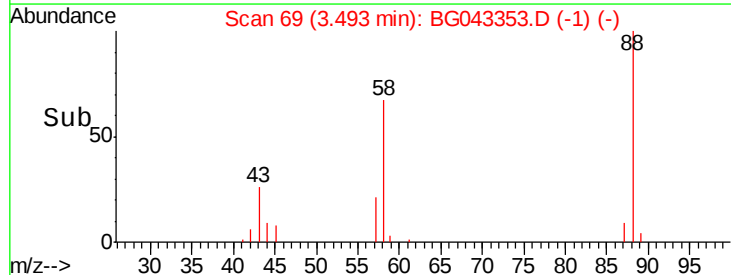
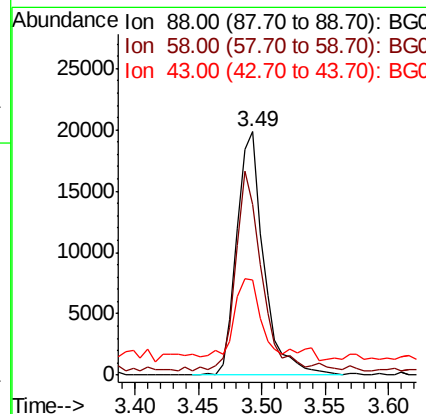
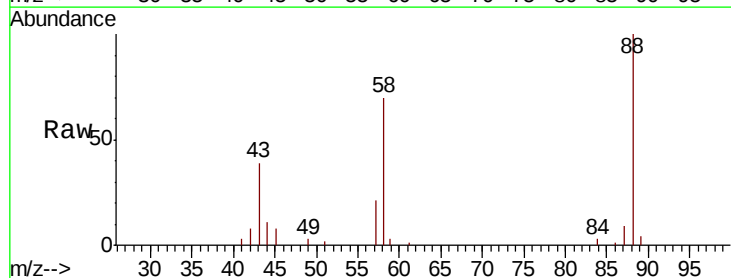
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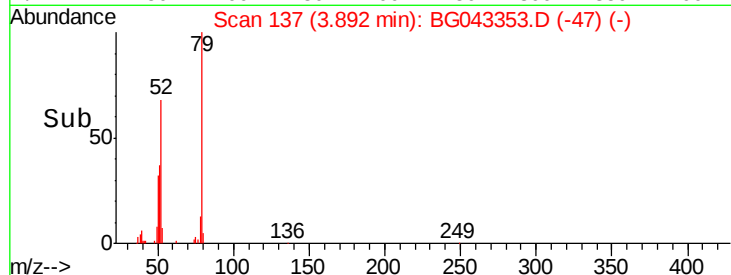
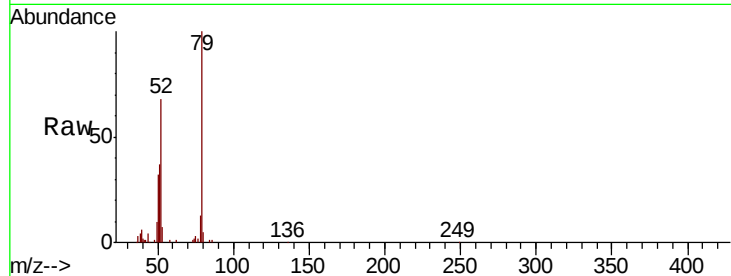


#2

1,4-Dioxane
Concen: 43.356 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	60.2	90.2
43	30.2	22.7	34.1





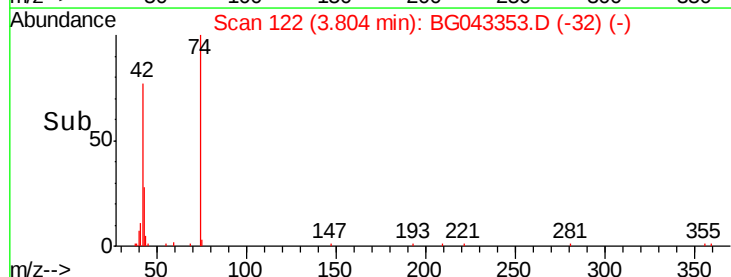
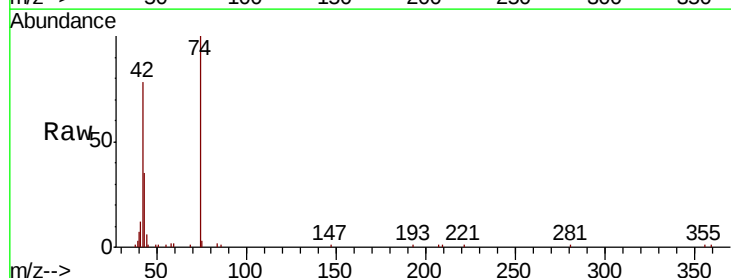
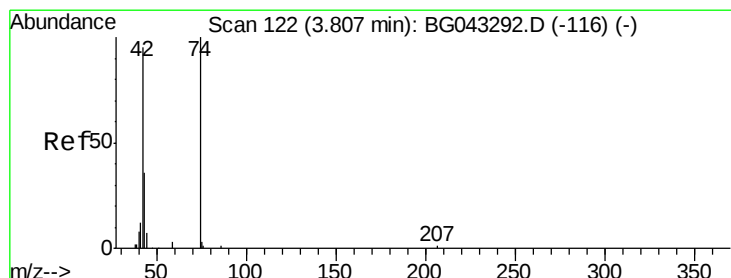
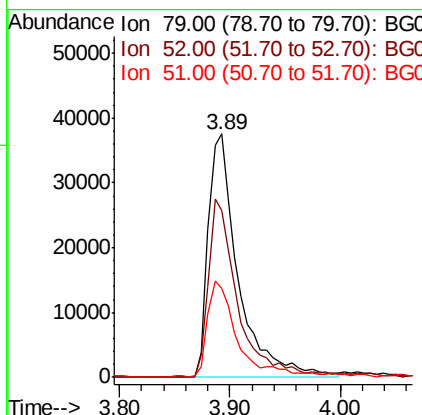
#3
 Pvridine
 Concen: 41.244 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tot Ion:	79	Resp:	69846
Ion	Ratio	Lower	Upper
79	100		
52	68.4	59.7	89.5
51	36.5	31.8	47.6

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BS

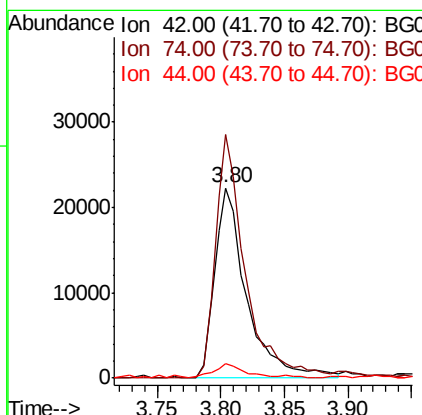
Manual Integrations
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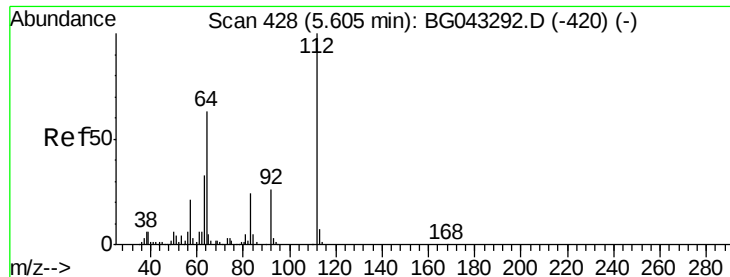
mohammad
 10/29/2019 3:34:35 PM



#4
 n-Nitrosodimethylamine
 Concen: 45.916 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion:	42	Resp:	39237
Ion	Ratio	Lower	Upper
42	100		
74	128.1	84.2	126.2#
44	7.7	6.0	9.0





#5

2-Fluorophenol

Concen: 135.968 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

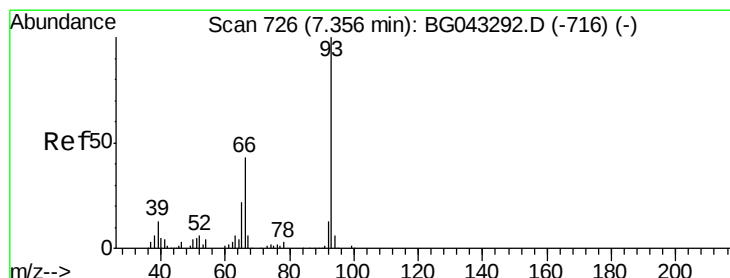
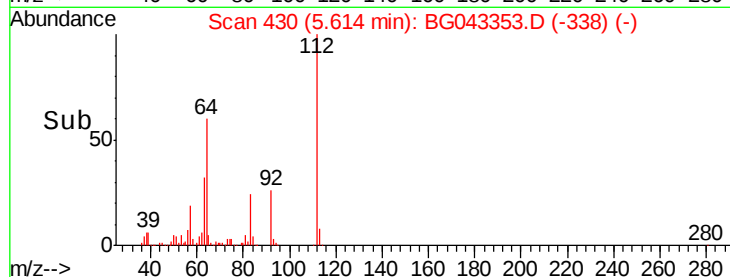
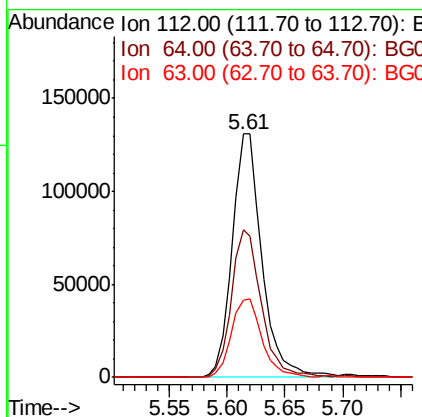
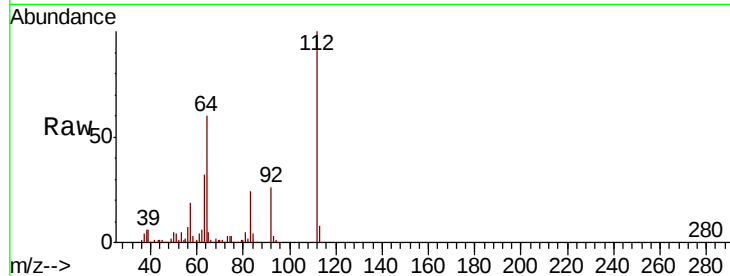
ClientSampleId :

PB124310BS

Tot Ion:	112	Resp:	234235
Ion Ratio	Lower	Upper	
112	100		
64	60.5	50.2	75.2
63	32.0	26.7	40.1

Manual Integrations
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#6

Aniline

Concen: 35.452 ng

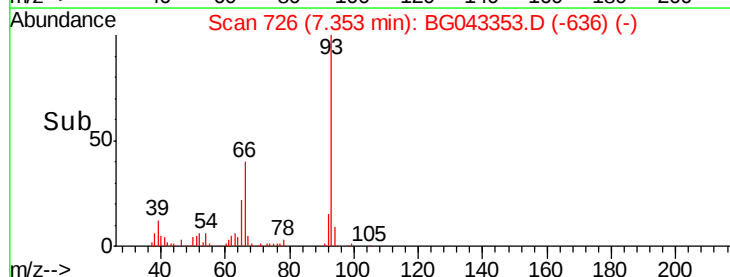
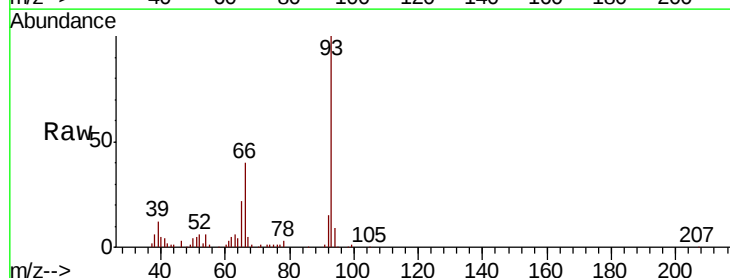
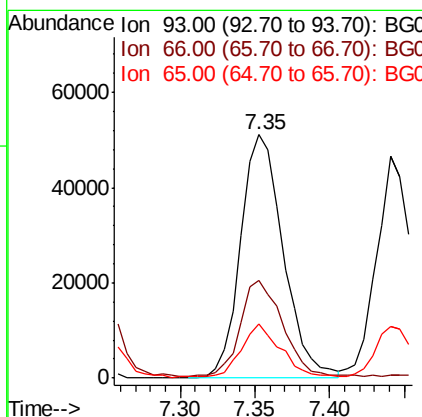
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	93	Resp:	101225
Ion Ratio	Lower	Upper	
93	100		
66	40.4	34.5	51.7
65	22.4	18.0	27.0





#7

Phenol-d6

Concen: 126.046 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

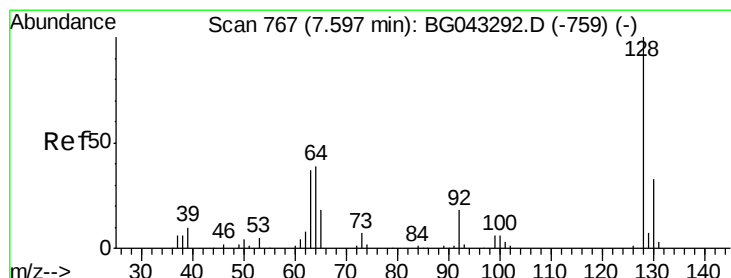
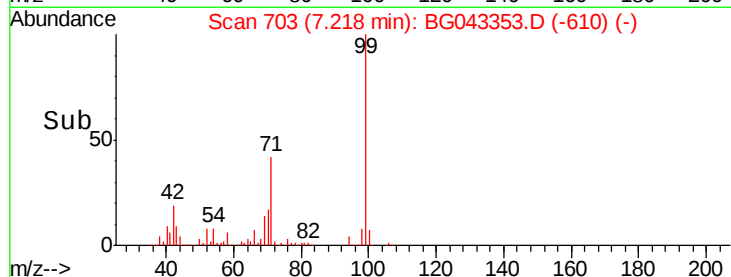
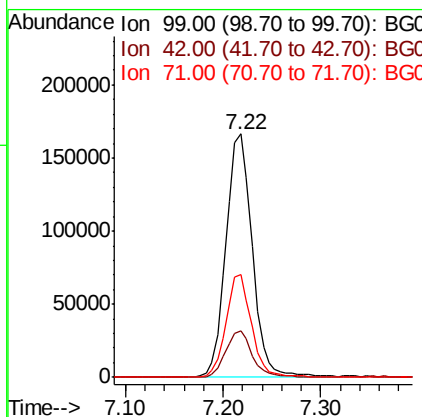
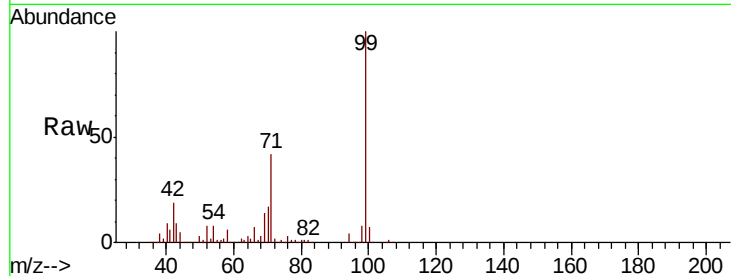
ClientSampleId :

PB124310BS

Tot Ion:	99	Resp:	312417
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.9	22.3
71	42.3	32.2	48.2

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#8

2-Chlorophenol

Concen: 49.493 ng

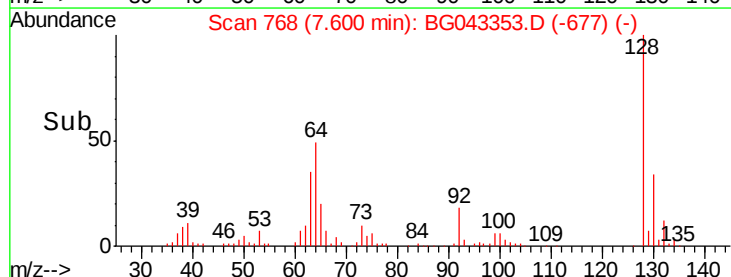
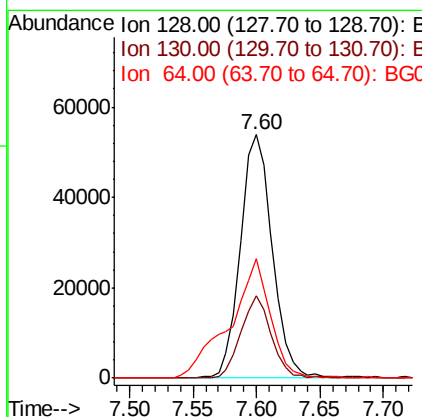
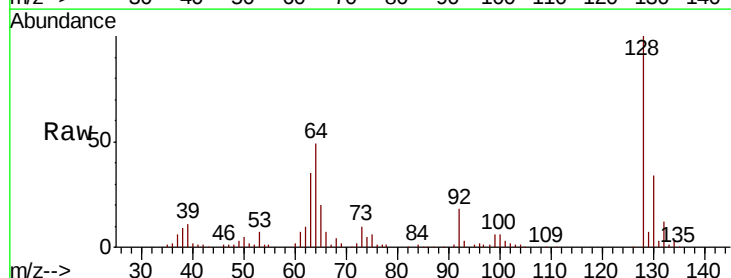
RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	128	Resp:	94121
Ion Ratio	Lower	Upper	
128	100		
130	33.9	12.9	52.9
64	49.2	24.9	64.9





#9

Benzaldehyde

Concen: 44.113 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

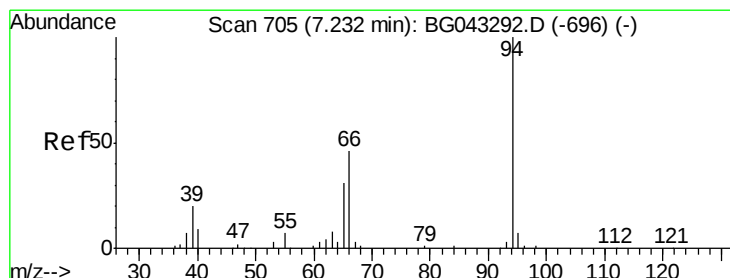
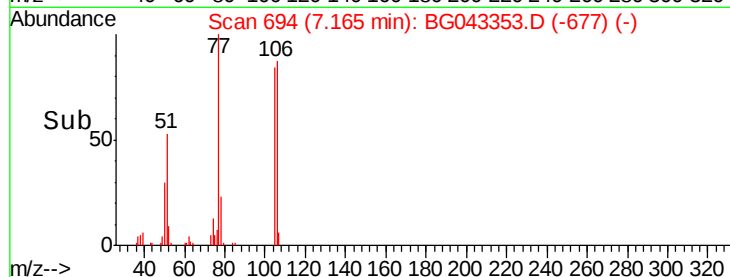
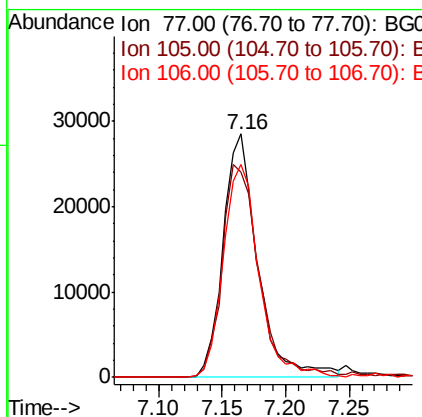
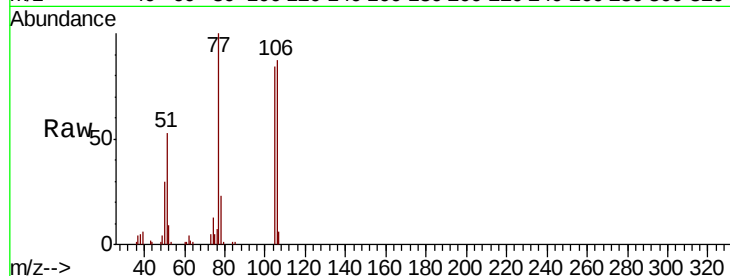
ClientSampleId :

PB124310BS

Tot Ion:	77	Resp:	53734
Ion	Ratio	Lower	Upper
77	100		
105	84.1	68.7	108.7
106	87.3	60.5	100.5

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#10

Phenol

Concen: 49.237 ng

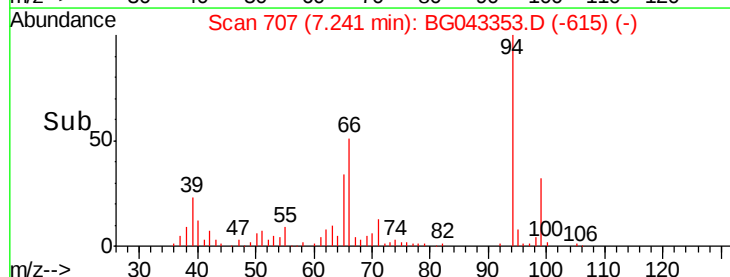
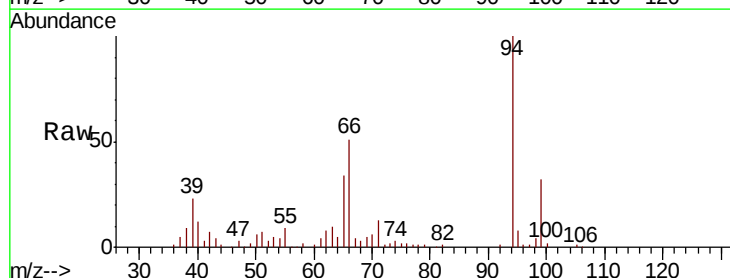
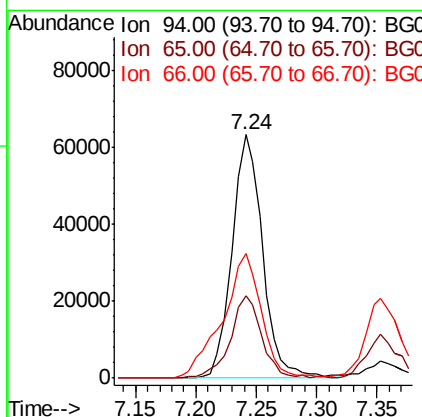
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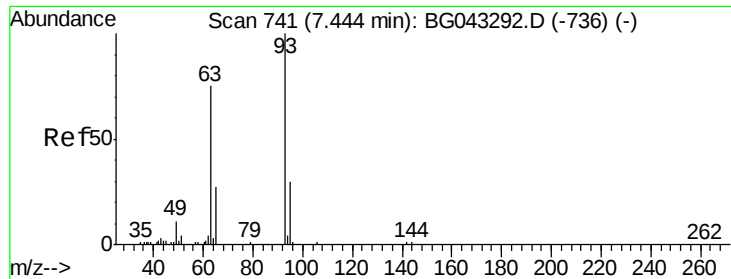
Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	94	Resp:	111517
Ion	Ratio	Lower	Upper
94	100		
65	33.8	11.1	51.1
66	51.3	27.8	67.8





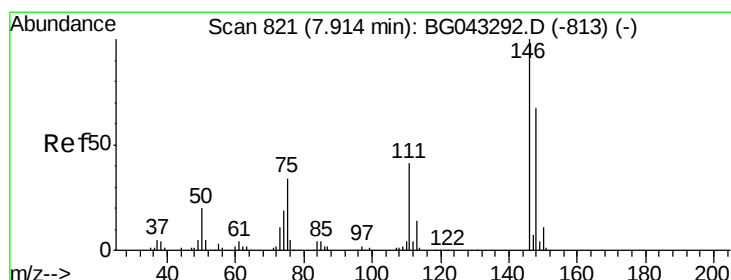
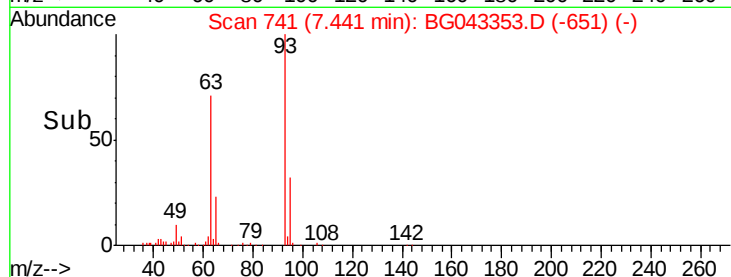
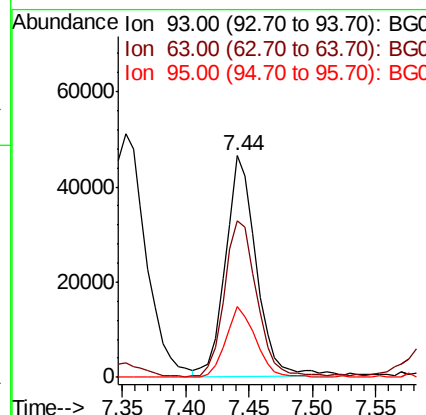
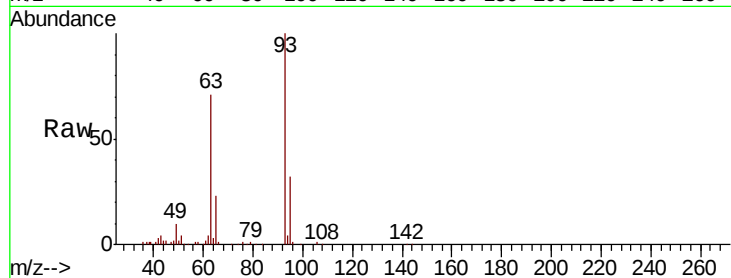
#11
bis(2-Chloroethyl)ether
Concen: 44.137 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	54.6	94.6
95	32.2	9.7	49.7

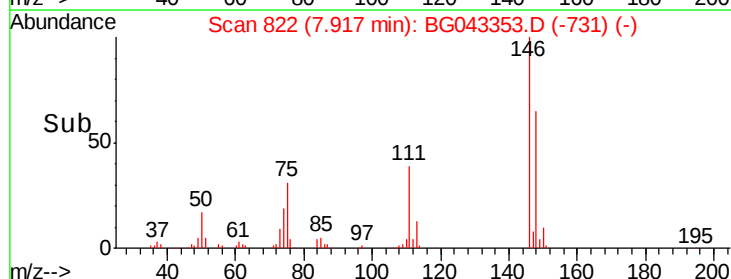
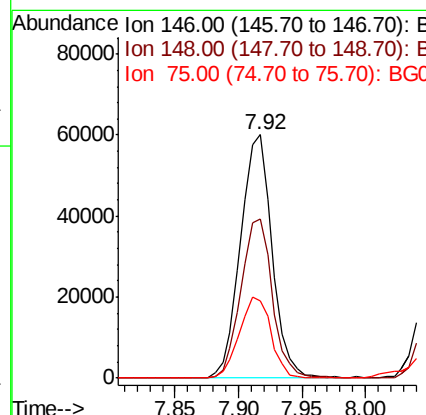
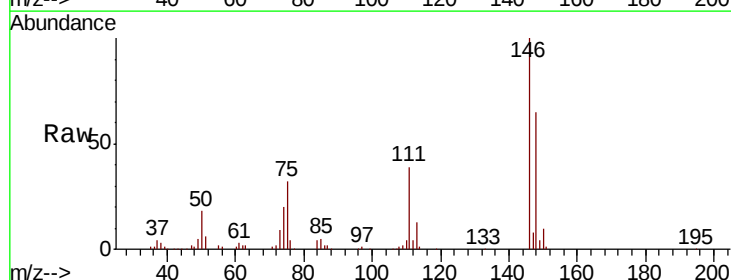
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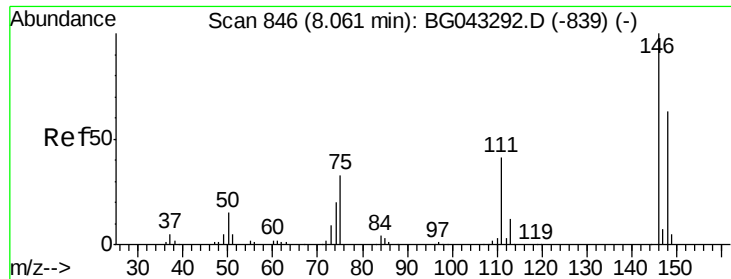
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.488 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.4	80.2
75	31.6	27.0	40.4





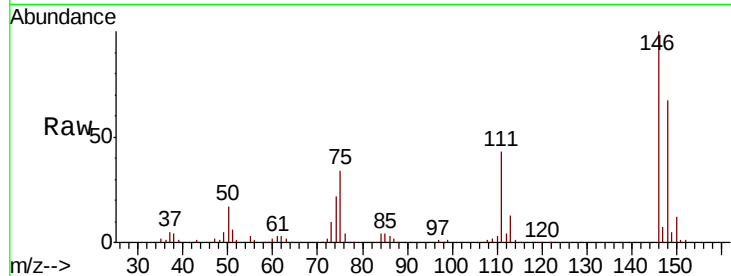
#13
1,4-Dichlorobenzene
Concen: 43.052 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.7	76.1
111	43.0	33.0	49.6

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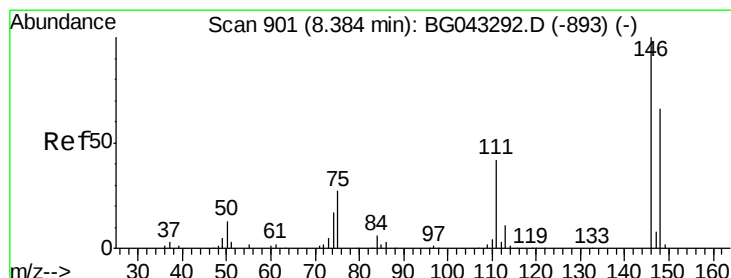
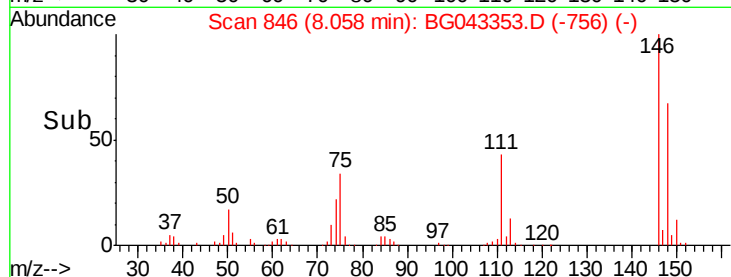
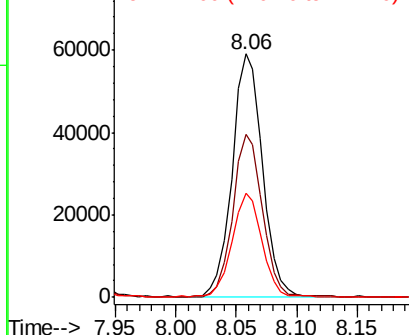


Abundance

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: 42.526 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

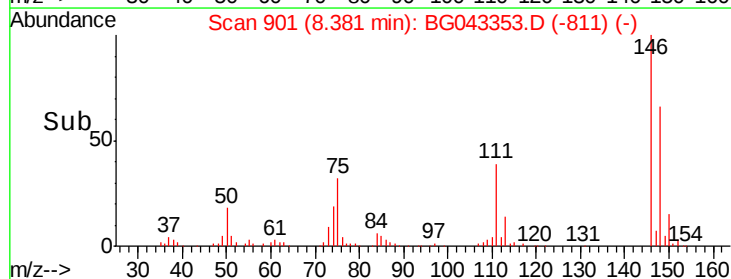
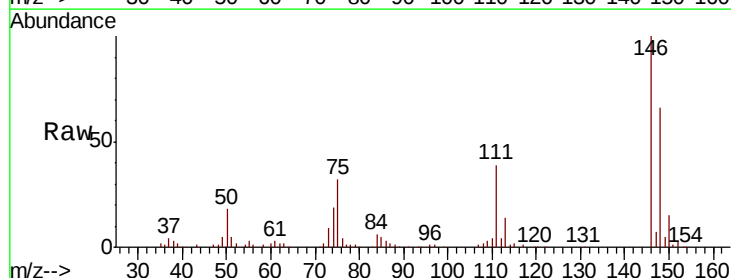
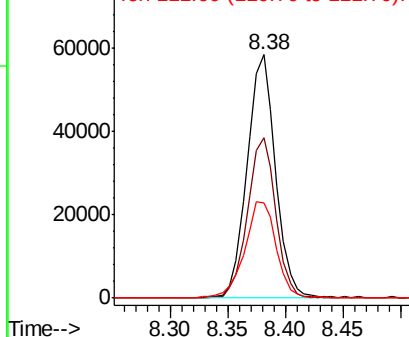
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.0	79.4
111	39.2	34.5	51.7

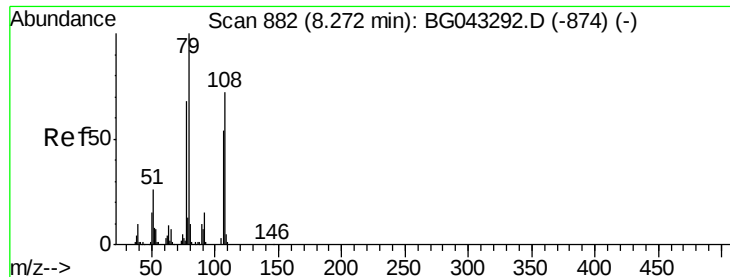
Abundance

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





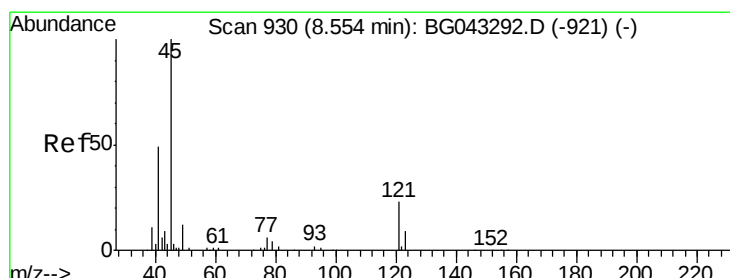
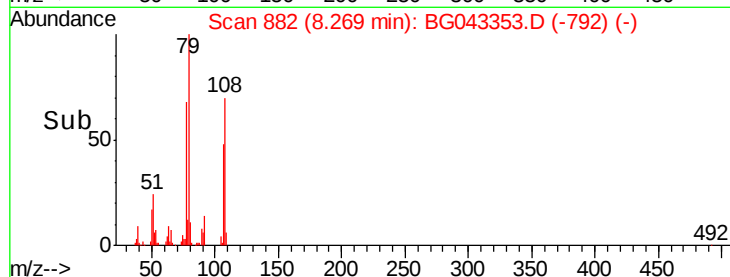
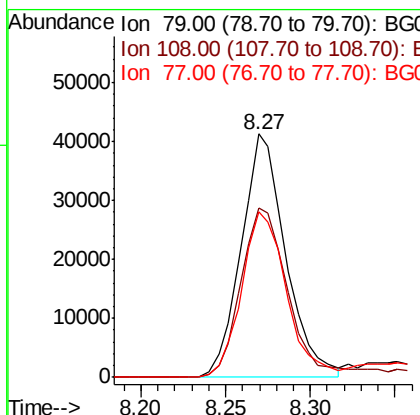
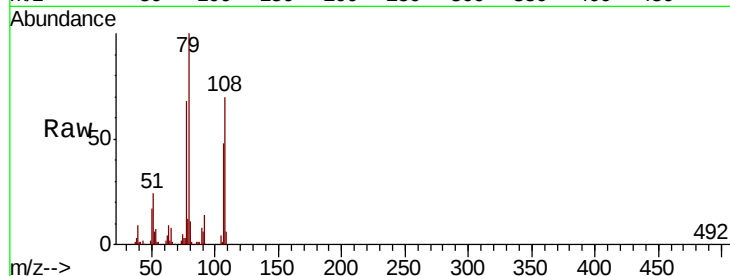
#15
Benzyl Alcohol
Concen: 43.375 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleID :
PB124310BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.6	57.3	85.9
77	67.9	54.6	81.8

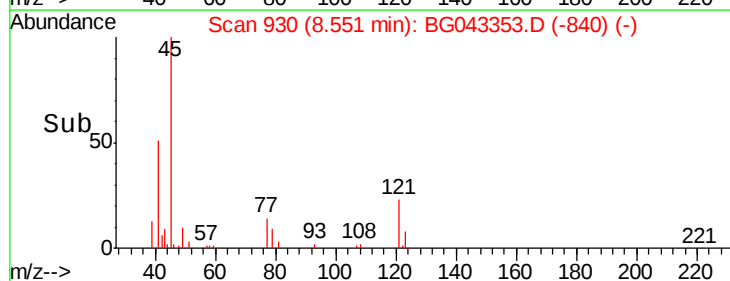
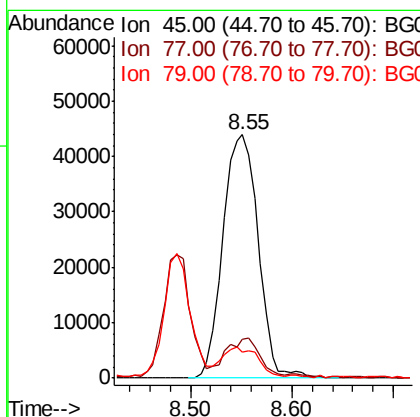
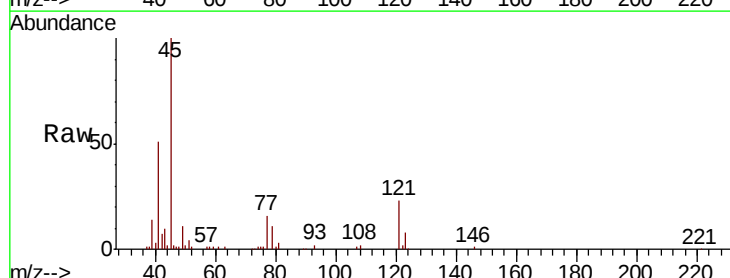
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.503 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	34.2
79	10.7	0.0	32.3





#17

2-Methylphenol

Concen: 47.376 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

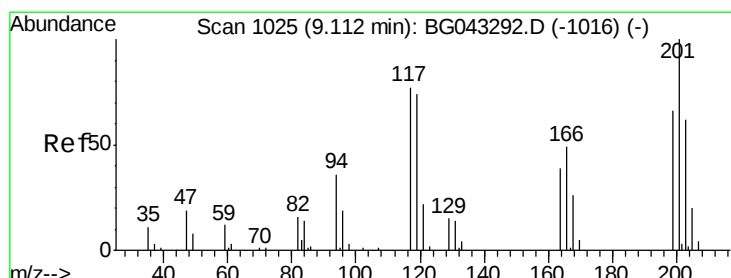
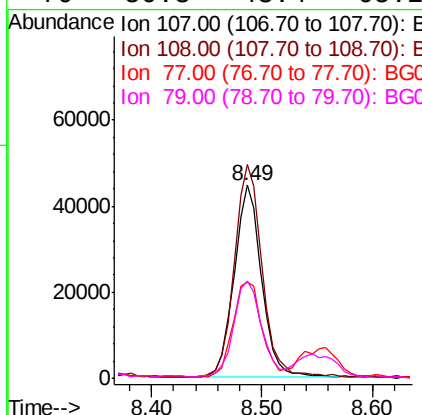
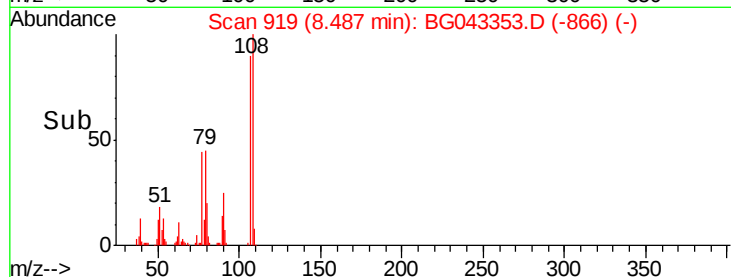
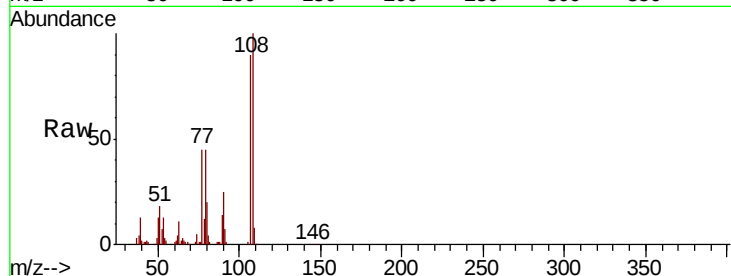
ClientSampleId :

PB124310BS

Tot Ion:	107	Resp:	78224
Ion Ratio	Lower	Upper	
107	100		
108	110.6	91.3	136.9
77	49.5	43.0	64.6
79	50.3	43.4	65.2

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#18

Hexachloroethane

Concen: 42.630 ng

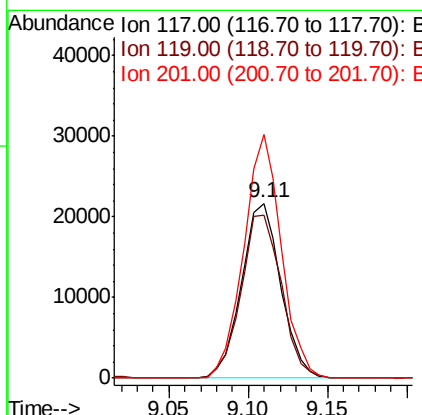
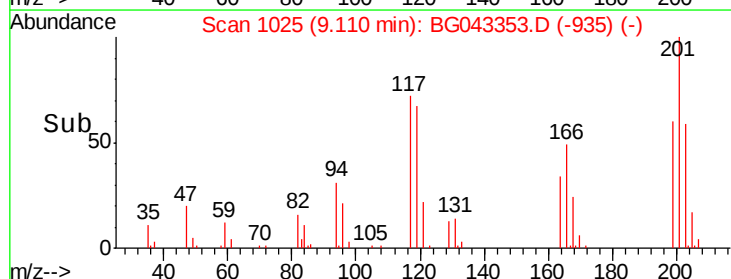
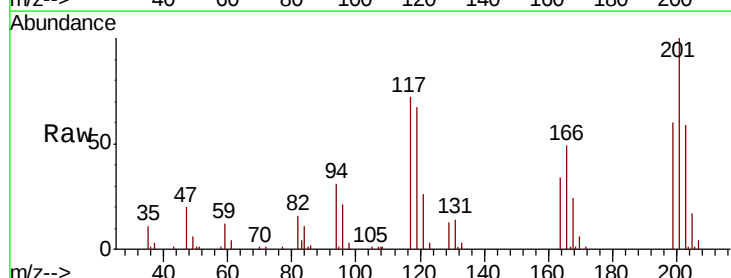
RT: 9.11 min Scan# 1025

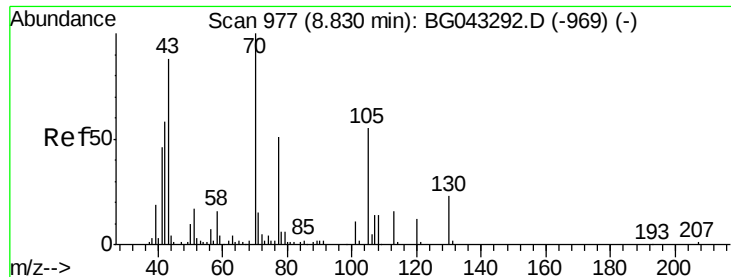
Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	117	Resp:	37077
Ion Ratio	Lower	Upper	
117	100		
119	93.4	77.3	115.9
201	139.3	104.2	156.4





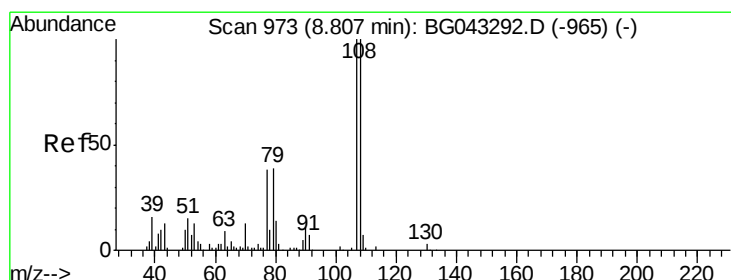
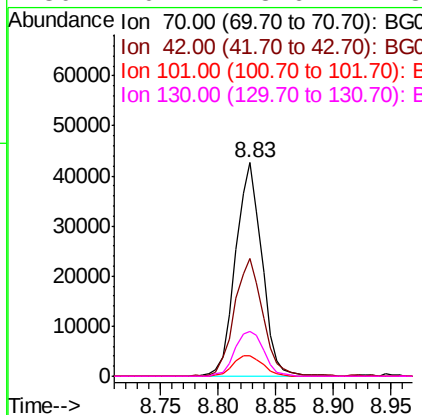
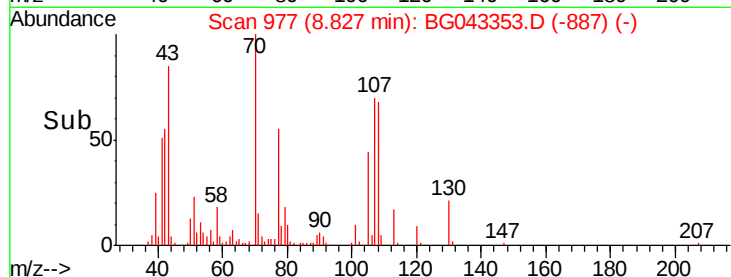
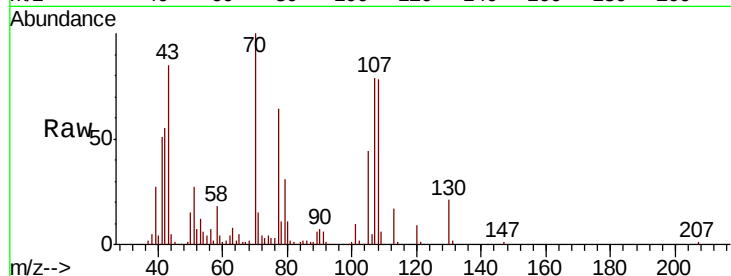
#19
n-Nitroso-di-n-propylamine
Concen: 42.118 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion:	70	Resp:	67457
Ion Ratio	Lower	Upper	
70	100		
42	55.4	46.2	69.2
101	9.9	8.6	13.0
130	20.7	18.6	27.8

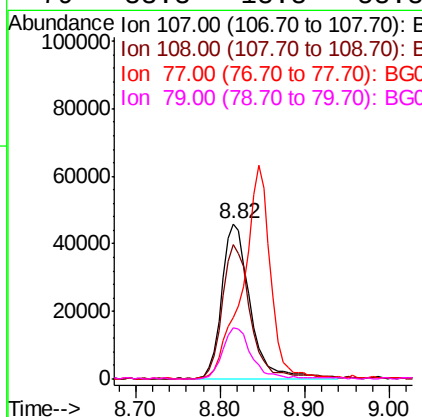
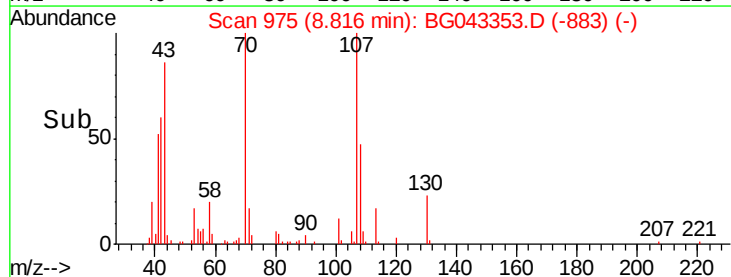
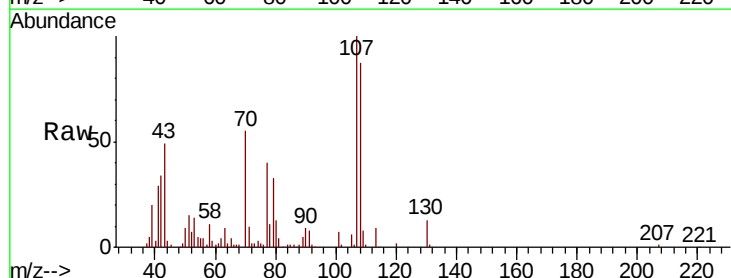
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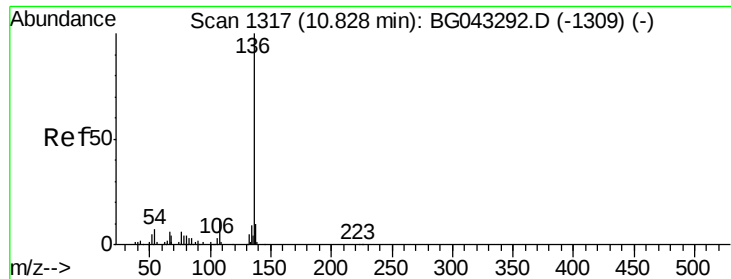
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#20
3+4-Methylphenols
Concen: 47.420 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion:	107	Resp:	107364
Ion Ratio	Lower	Upper	
107	100		
108	86.9	80.3	120.3
77	39.8	18.2	58.2
79	33.3	18.8	58.8





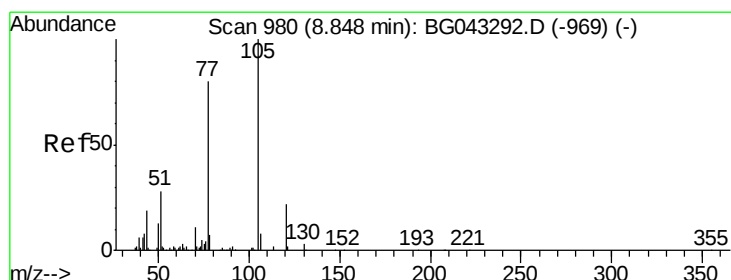
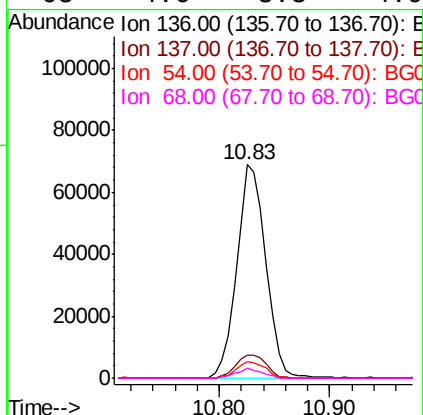
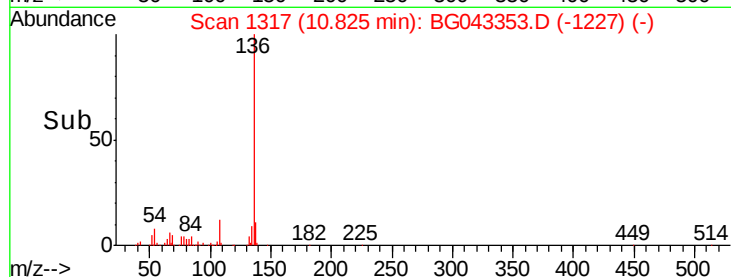
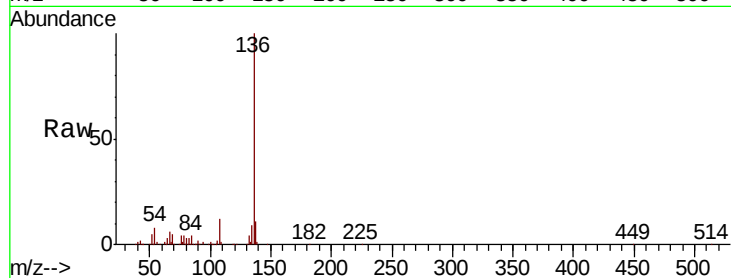
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	127178		
137	10.9		8.2	12.2
54	7.8		5.4	8.2
68	4.6		3.3	4.9

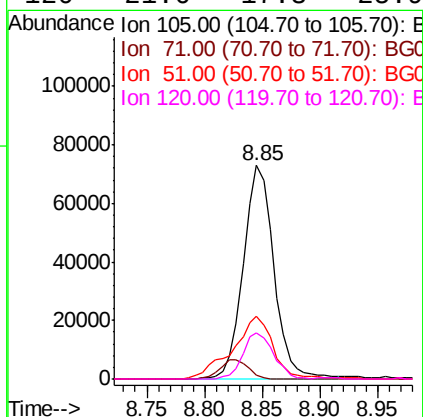
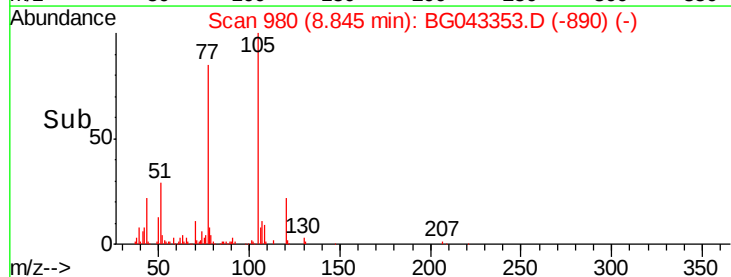
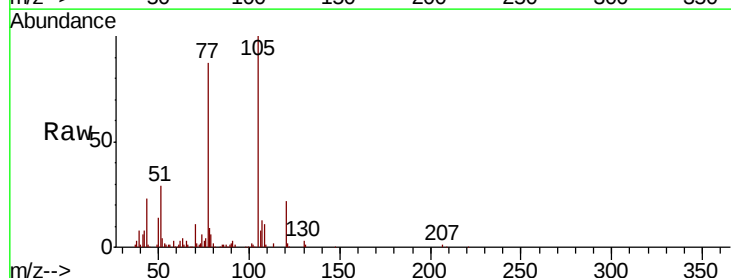
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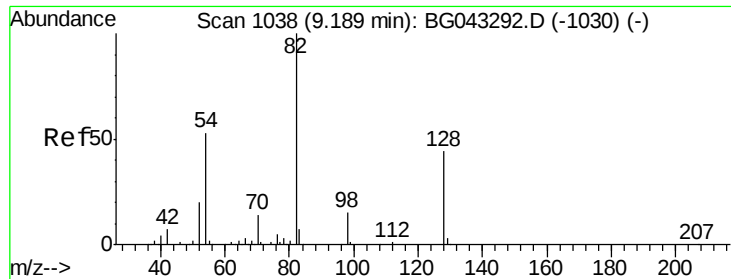
mohammad
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#22
Acetophenone
Concen: 41.511 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	135196		
71	1.7		1.5	2.3
51	29.5		23.9	35.9
120	21.6		17.3	25.9





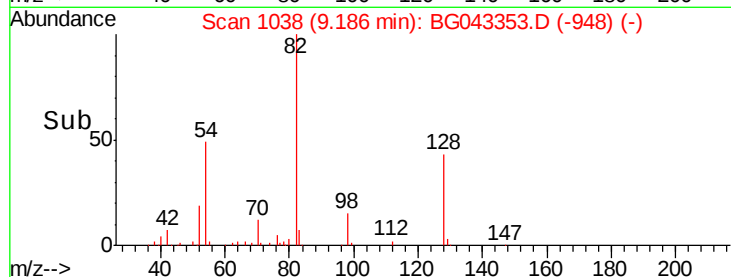
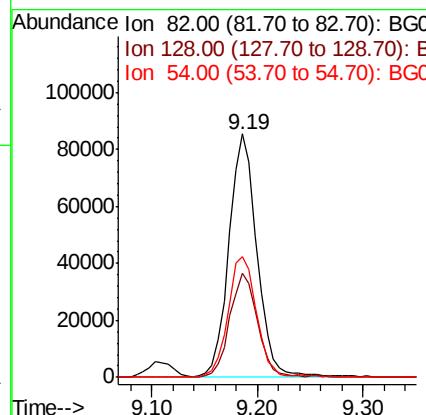
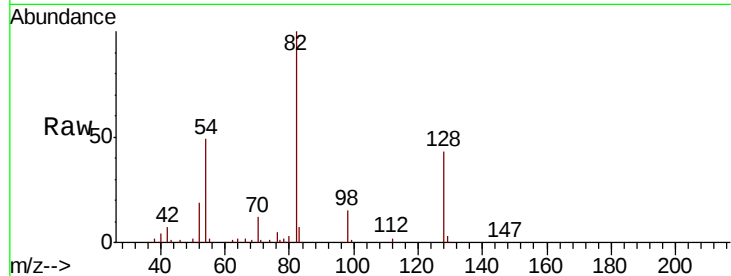
#23
 Nitrobenzene-d5
 Concen: 62.696 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.3	52.9
54	49.4	42.3	63.5

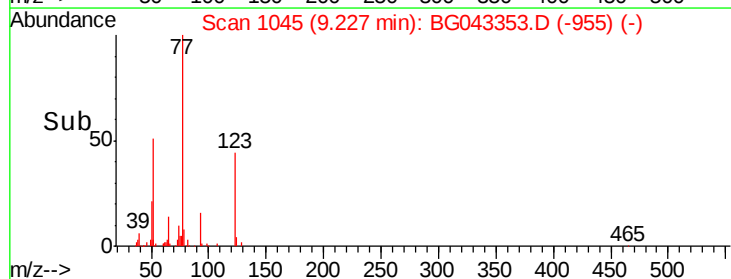
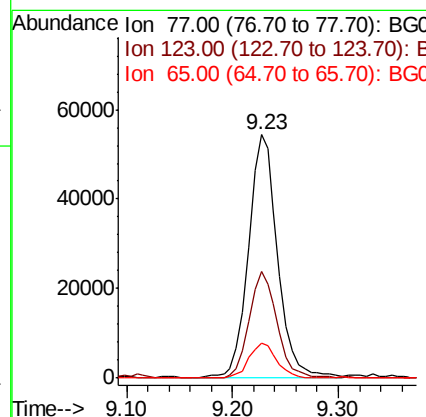
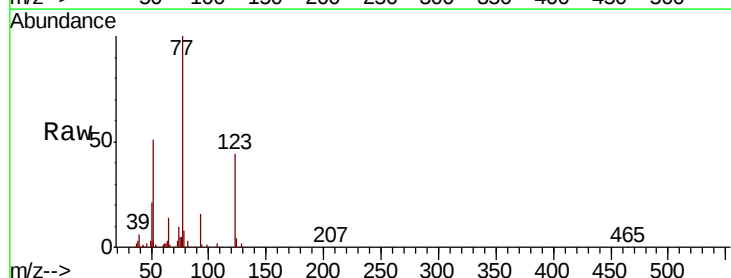
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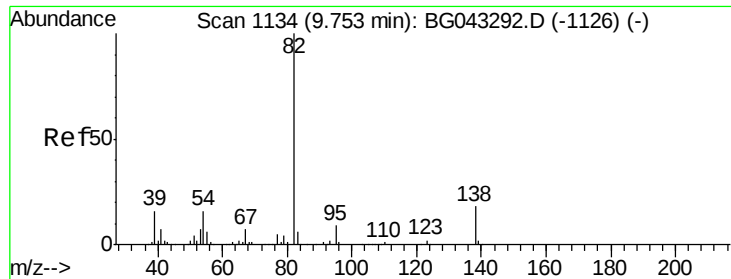
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#24
 Nitrobenzene
 Concen: 44.334 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	33.8	50.8
65	14.4	13.0	19.4





#25

Isophorone

Concen: 41.918 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

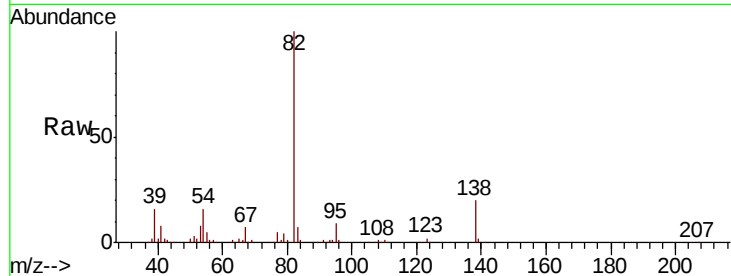
ClientSampleId :

PB124310BS

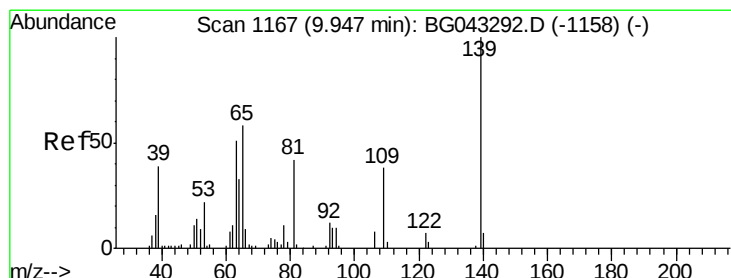
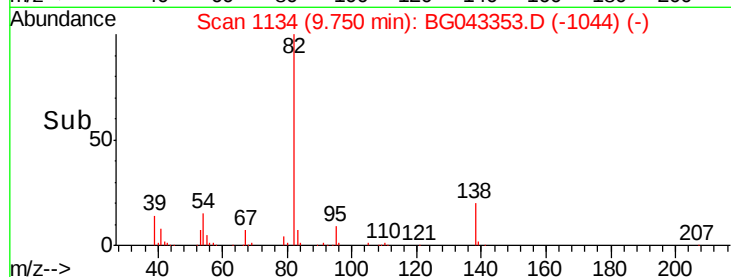
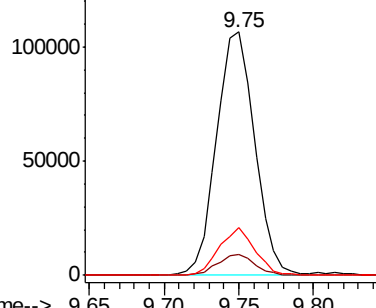
Tot Ion:	82	Resp:	189054
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.9	10.3
138	19.7	14.2	21.2

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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: 46.383 ng

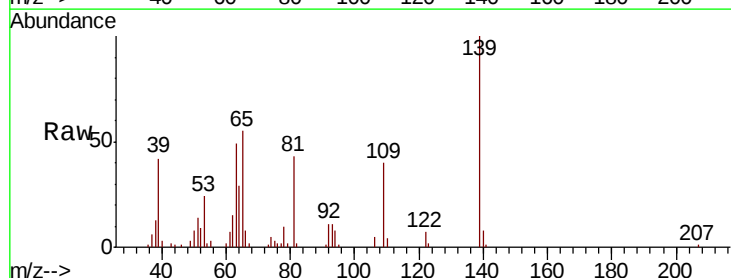
RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

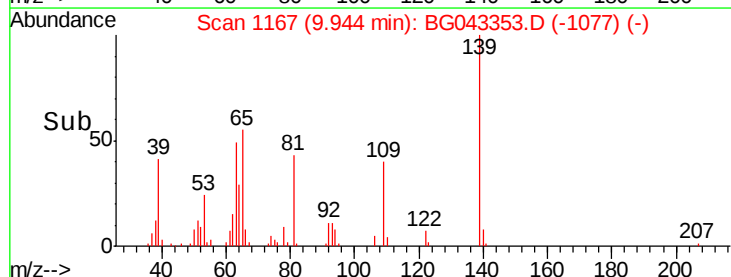
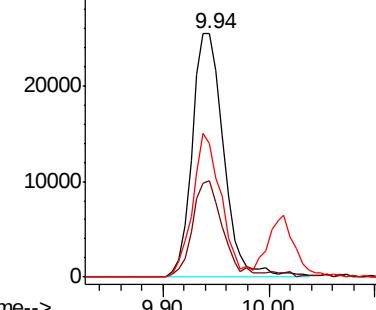
Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	139	Resp:	52623
Ion Ratio	Lower	Upper	
139	100		
109	39.6	30.1	45.1
65	54.7	46.1	69.1



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





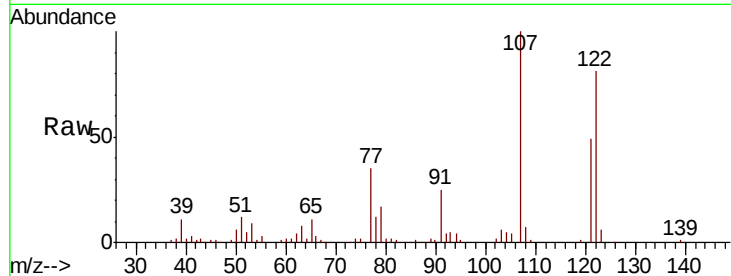
#27
2,4-Dimethylphenol
Concen: 54.213 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.6	98.6	147.8
121	60.8	50.1	75.1

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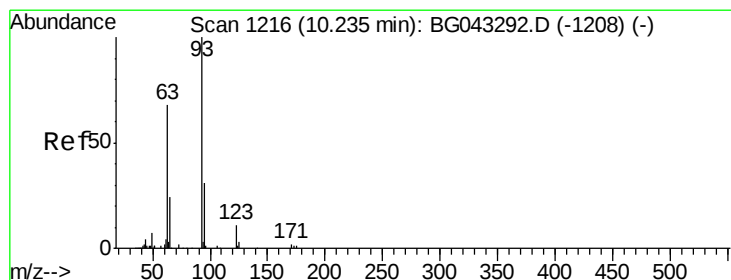
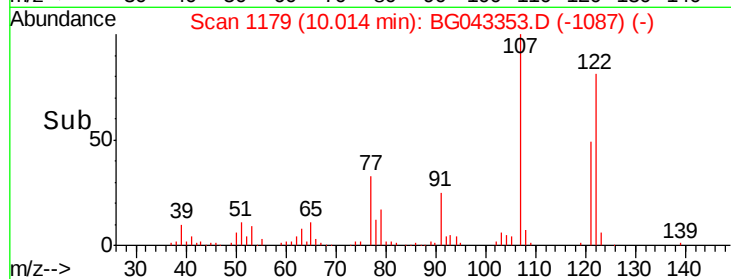
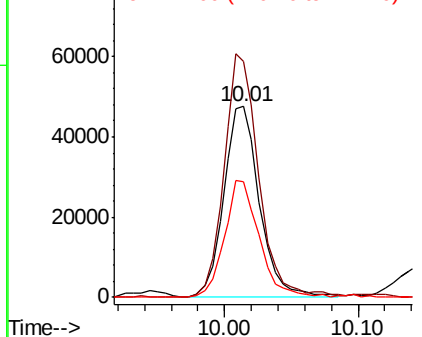


Abundance

Ion 122.00 (121.70 to 122.70): E

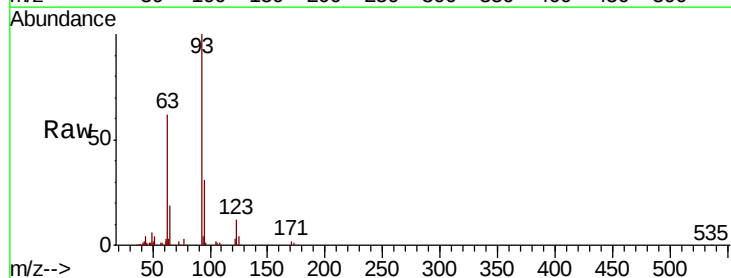
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.216 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	24.9	37.3
123	12.2	8.9	13.3

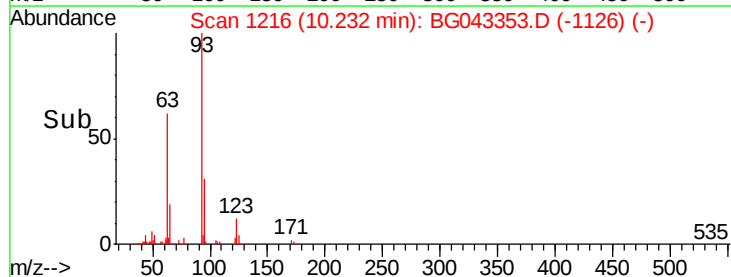
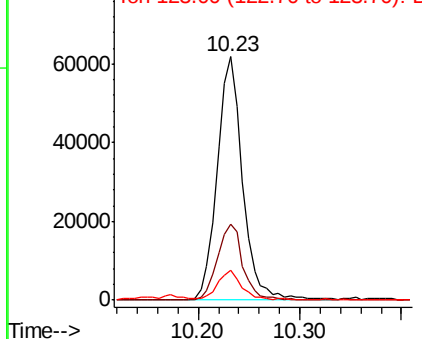


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





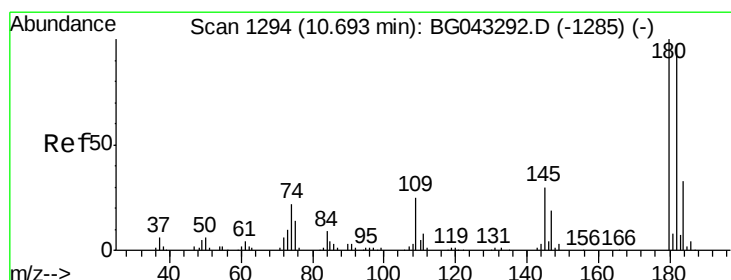
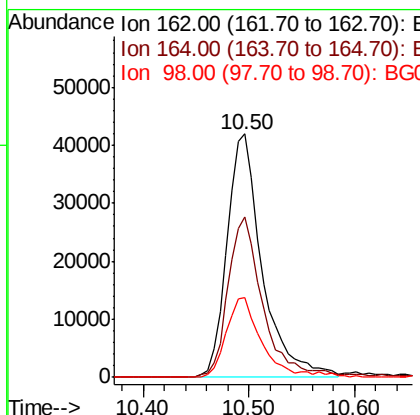
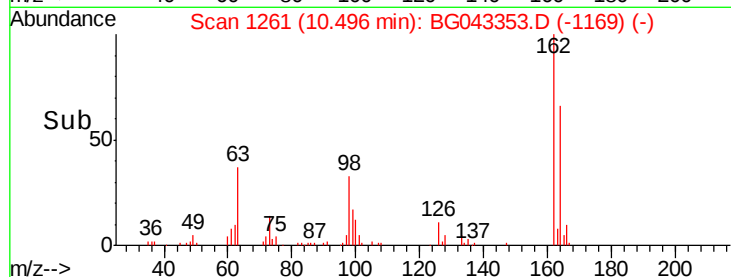
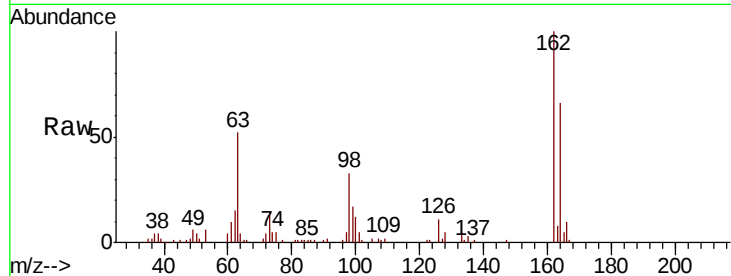
#29
2,4-Dichlorophenol
Concen: 46.323 ng
RT: 10.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	96512		
164	65.8	37.3	77.3	
98	32.8	11.8	51.8	

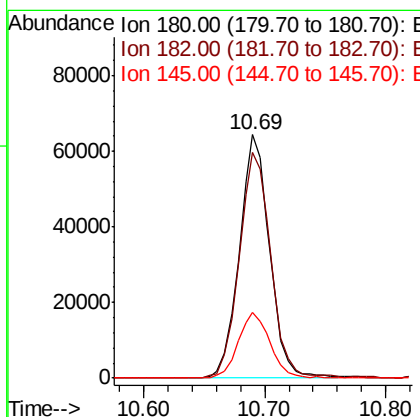
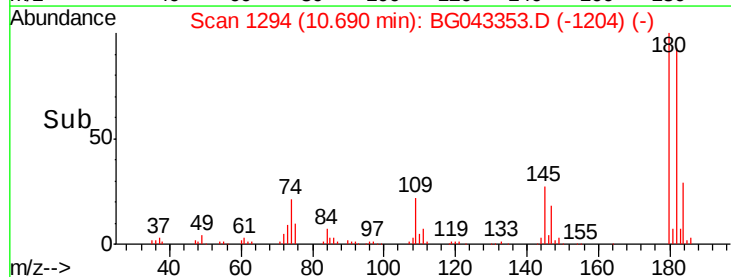
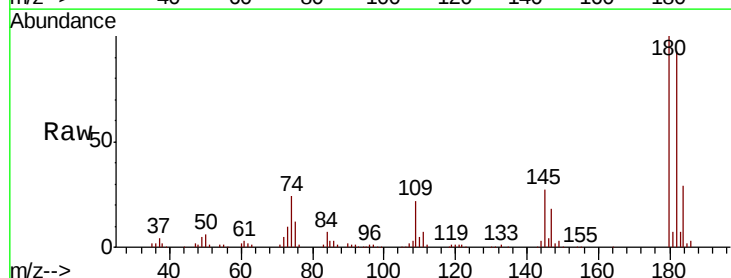
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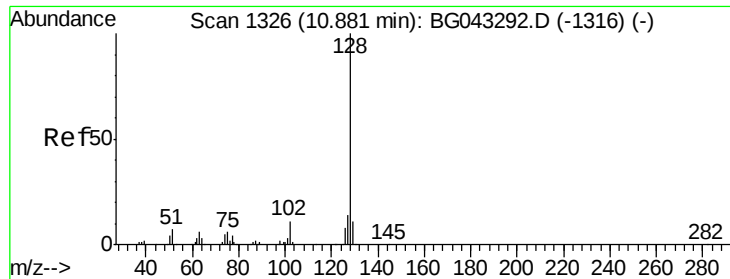
mohammad
10/29/2019 3:34:35 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.589 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111834		
182	92.8	77.8	116.8	
145	27.1	23.6	35.4	





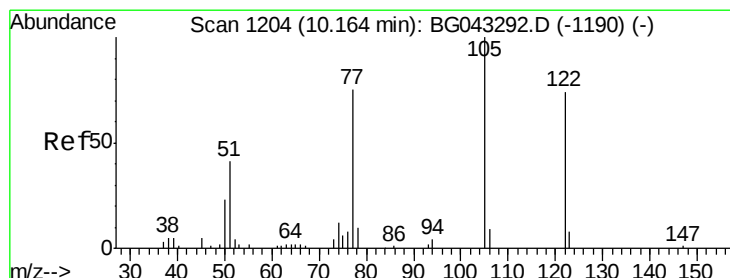
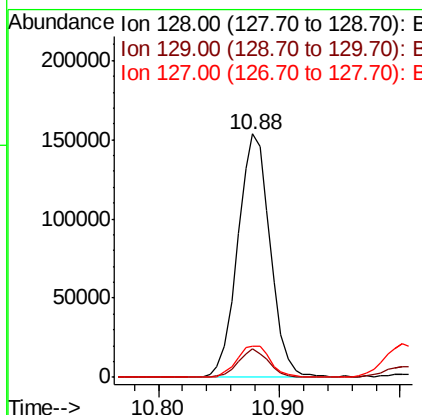
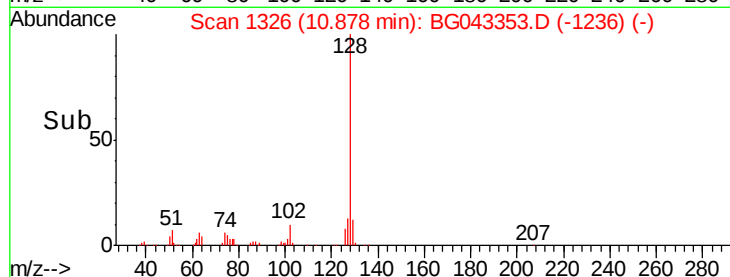
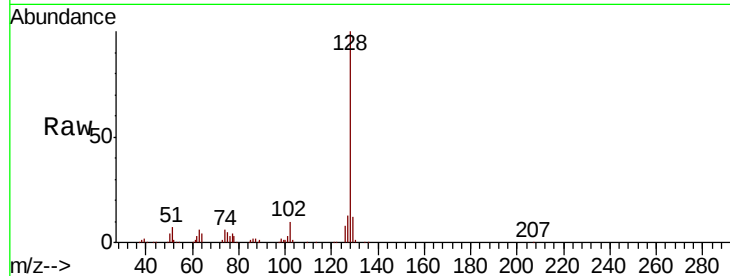
#31
Naphthalene
Concen: 44.393 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	12.5	11.5	17.3

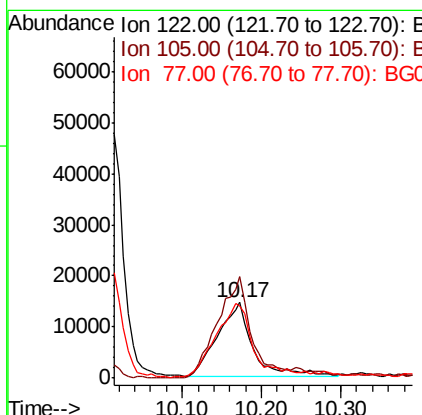
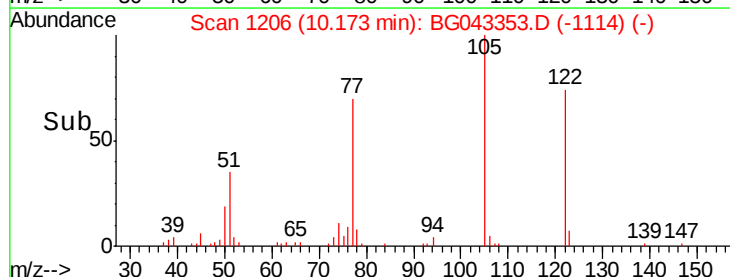
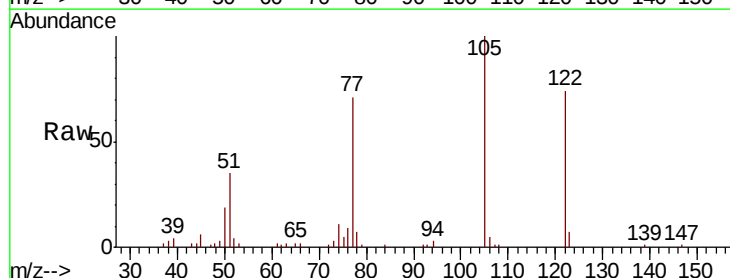
Manual Integrations
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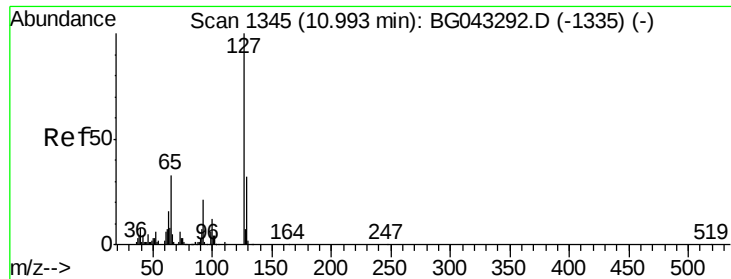
mohammad
10/29/2019 3:34:35 PM



#32
Benzoic acid
Concen: 37.715 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.3	112.4	152.4
77	95.6	82.7	122.7





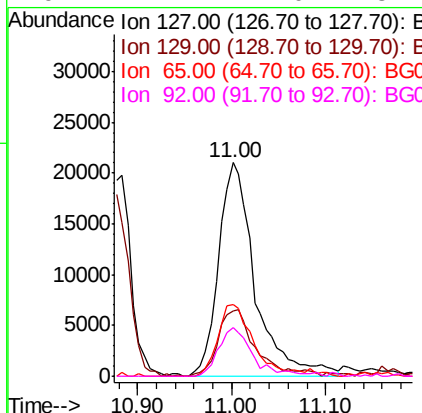
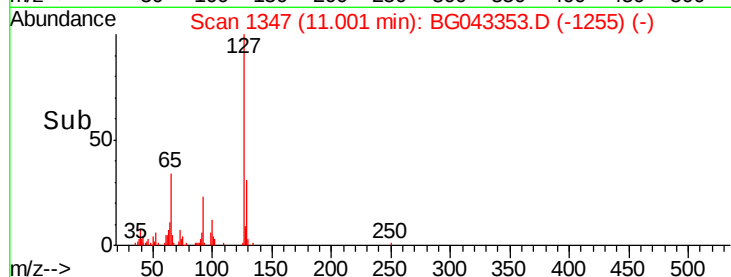
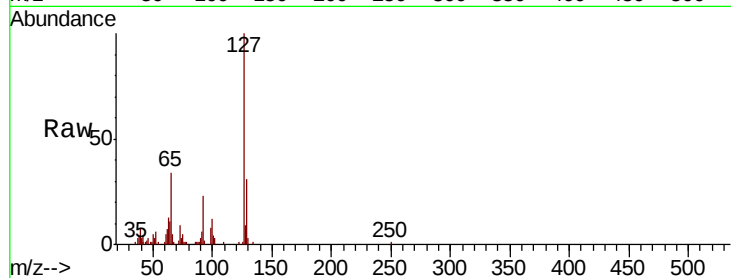
#33
4-Chloroaniline
Concen: 21.489 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.8
65	33.6	26.2	39.2
92	22.7	17.0	25.4

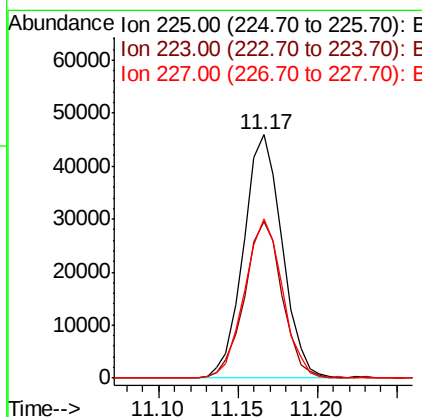
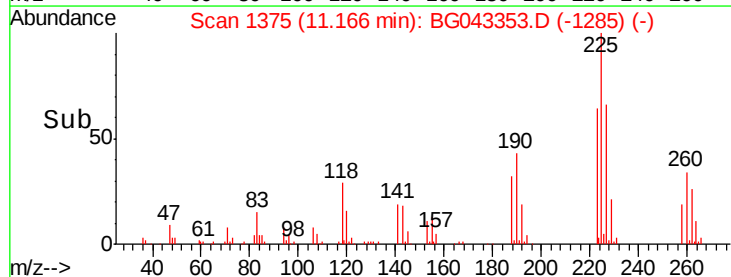
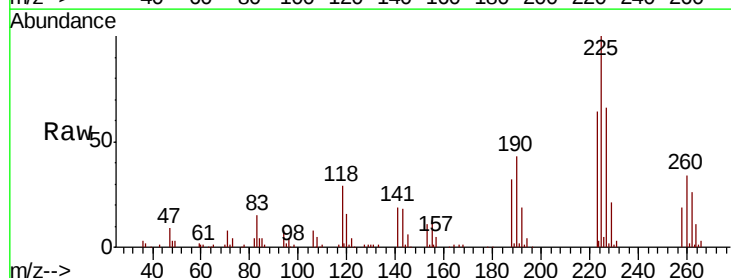
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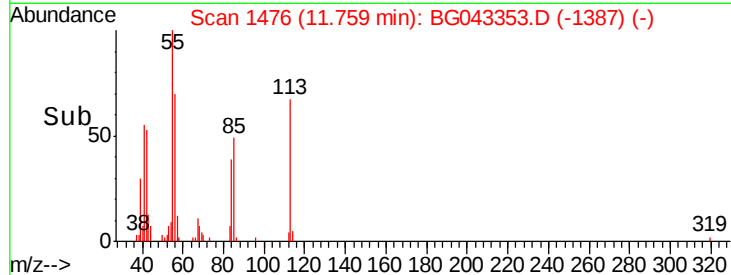
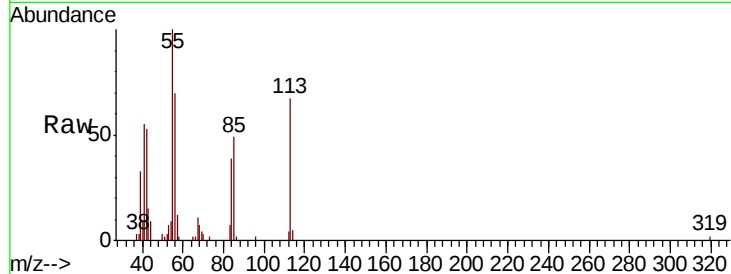
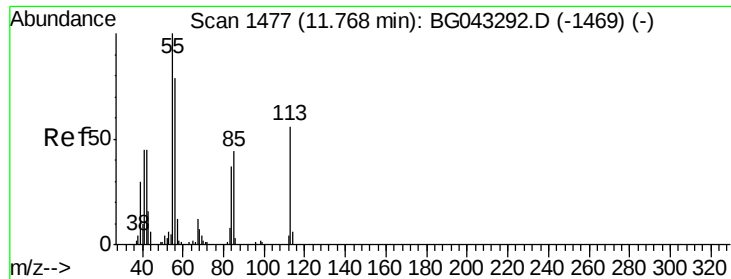
mohammad
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#34
Hexachlorobutadiene
Concen: 40.052 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	53.2	79.8
227	65.6	56.2	84.2





#35

Caprolactam

Concen: 43.395 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

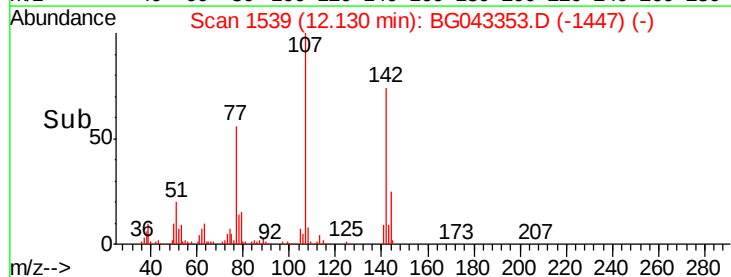
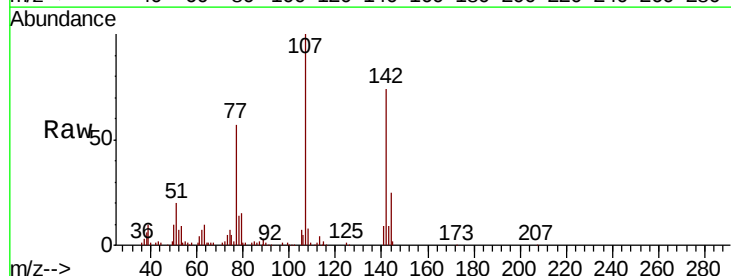
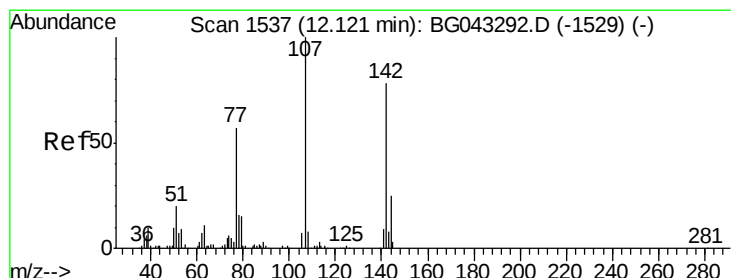
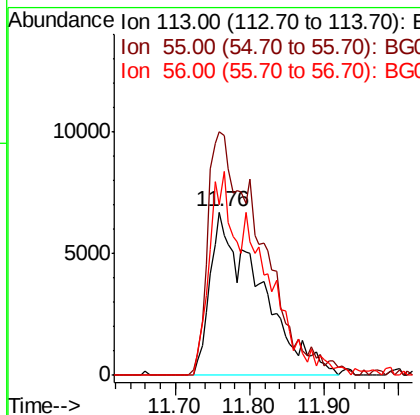
ClientSampleId :

PB124310BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.0	158.9	198.9#
56	104.4	121.4	161.4#

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#36

4-Chloro-3-methylphenol

Concen: 45.910 ng/ml

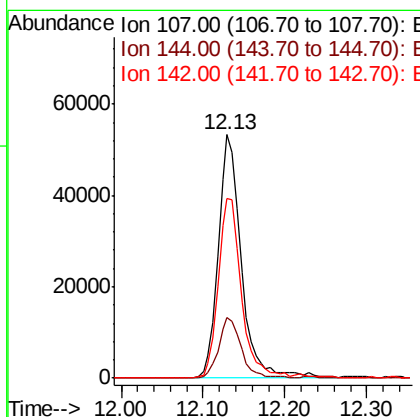
RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.9	29.9
142	74.0	62.1	93.1





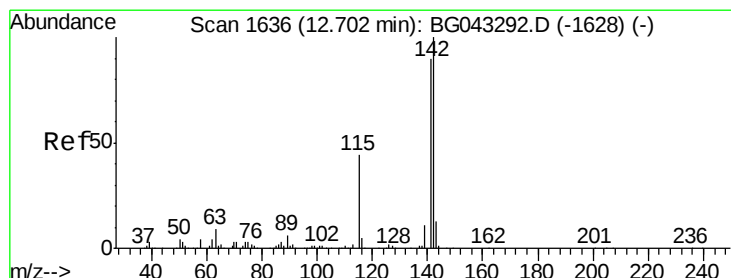
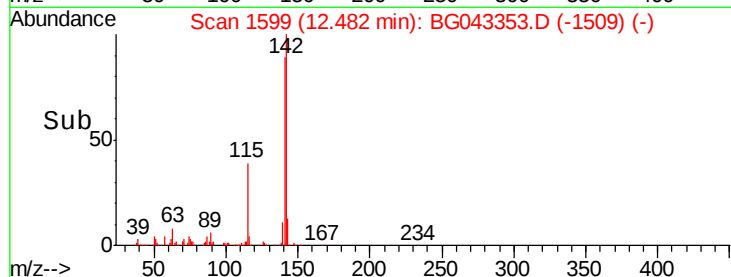
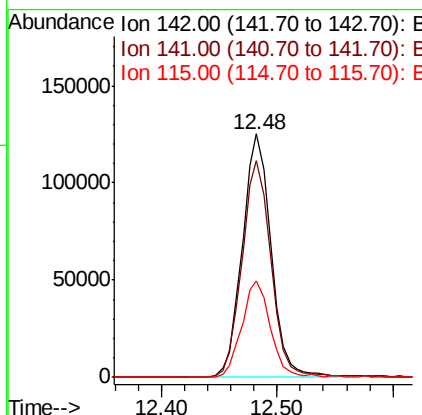
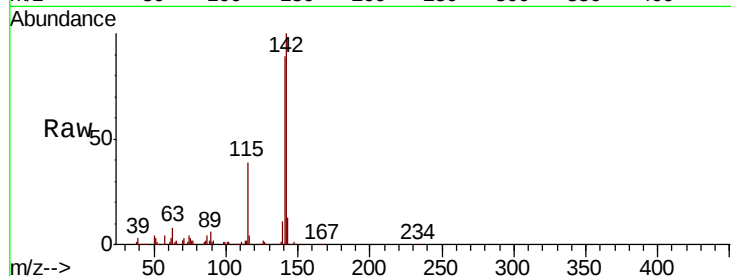
#37
2-Methylnaphthalene
Concen: 43.755 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.7	104.5
115	39.4	30.6	46.0

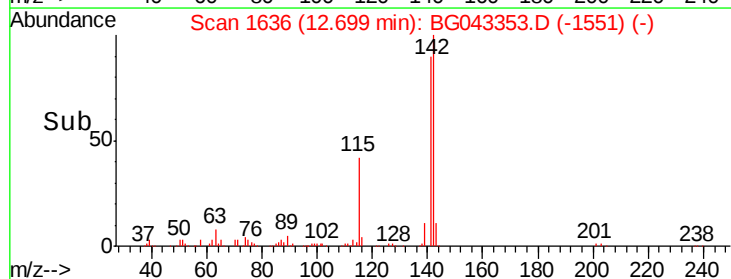
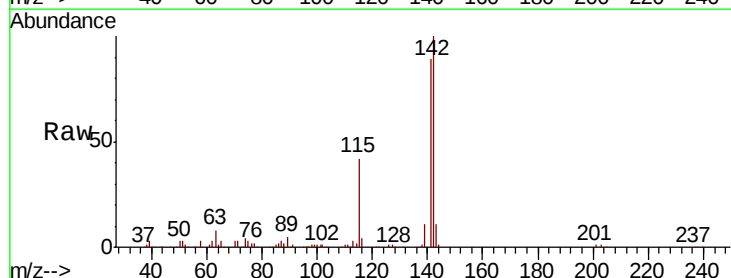
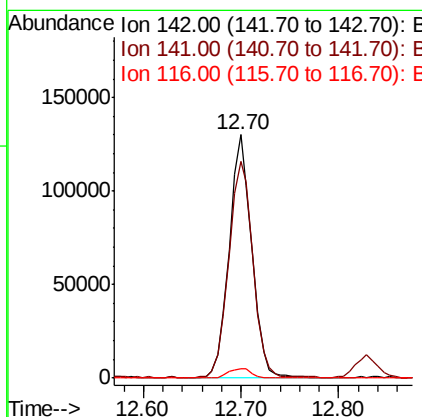
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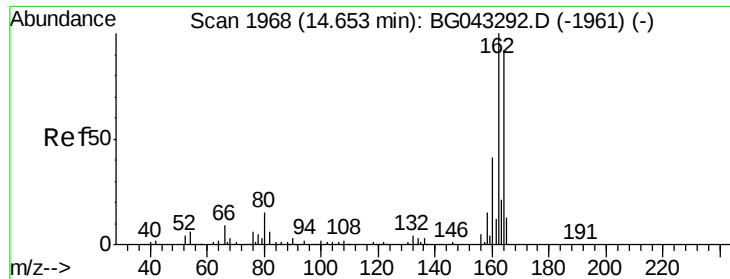
mohammad
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#38
1-Methylnaphthalene
Concen: 44.068 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
116	3.8	3.8	5.6





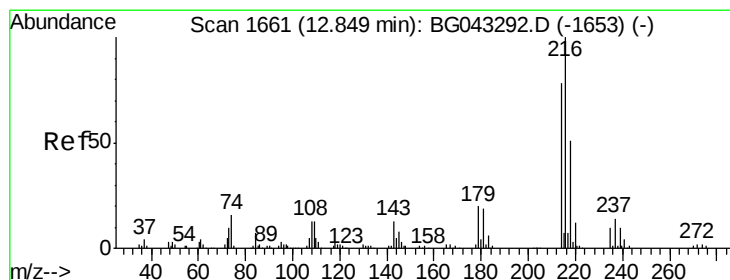
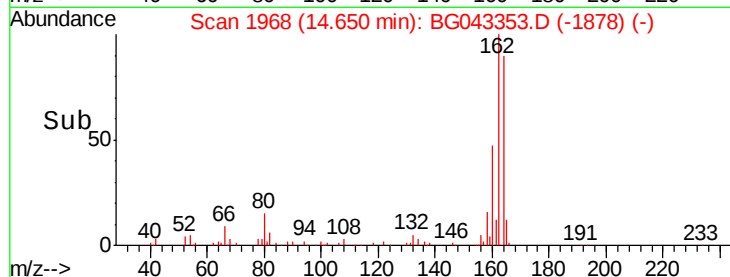
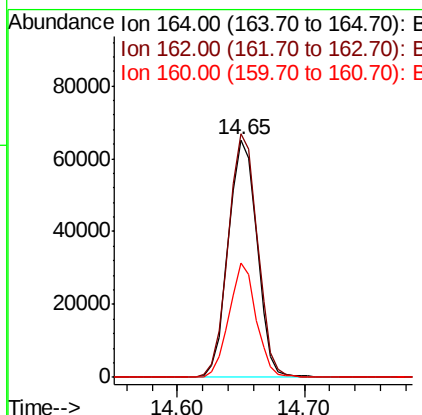
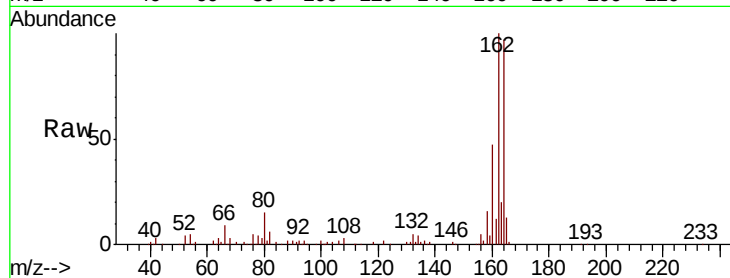
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	87.0	130.4
160	48.4	35.5	53.3

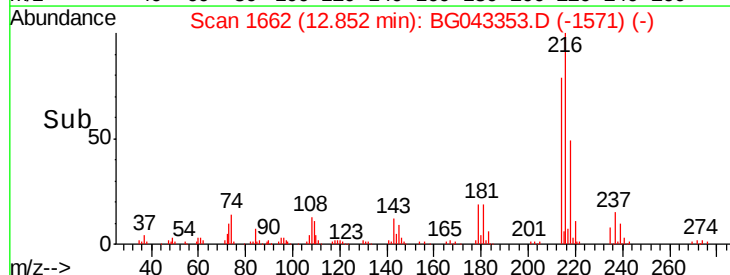
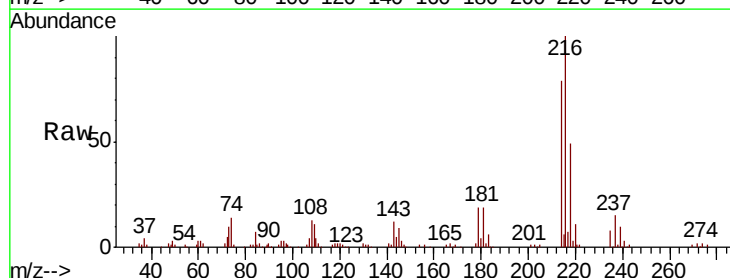
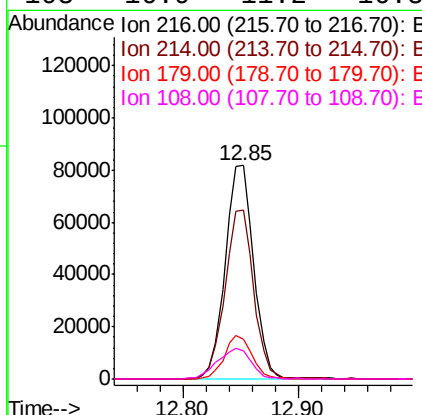
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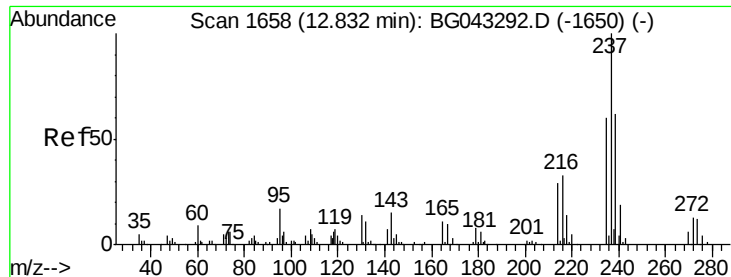
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.046 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.5	95.3
179	19.6	16.2	24.2
108	16.9	11.2	16.8#





#41

Hexachlorocyclopentadiene

Concen: 95.795 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

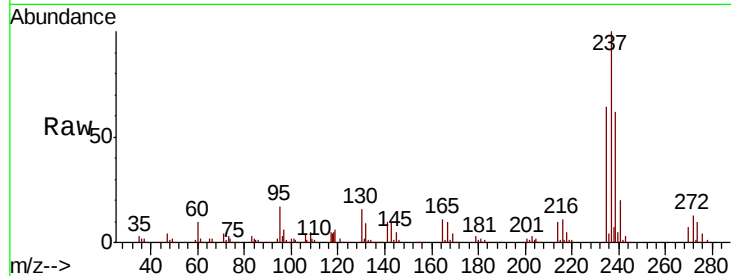
ClientSampleId :

PB124310BS

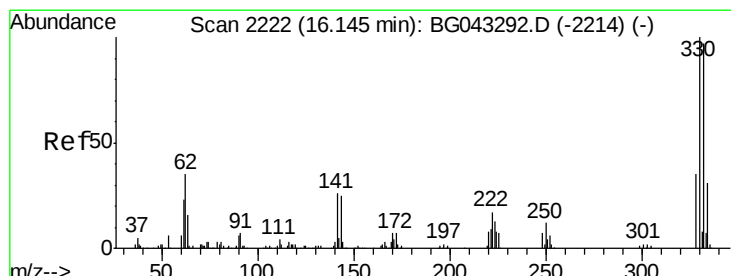
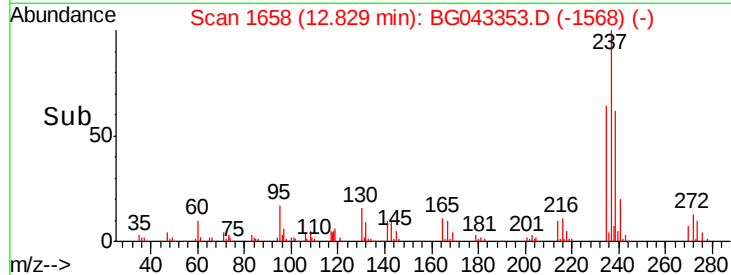
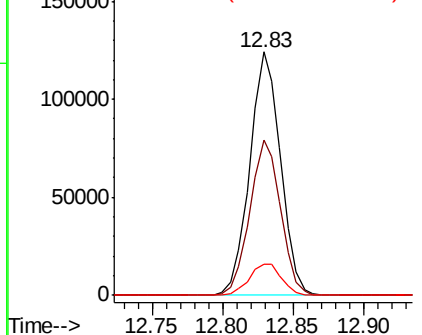
Tot Ion:	237	Resp:	190102
Ion Ratio		Lower	Upper
237	100		
235	63.6	40.3	80.3
272	12.6	0.0	32.9

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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: 105.700 ng

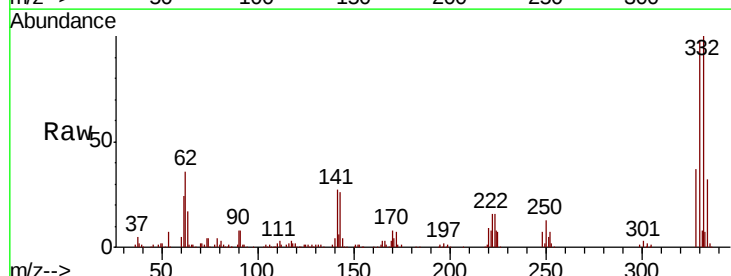
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

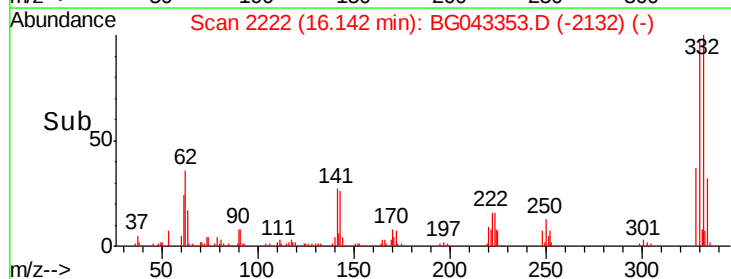
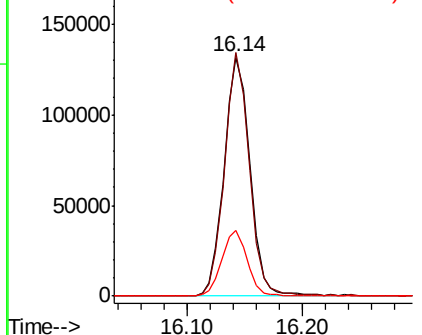
Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	330	Resp:	205326
Ion Ratio		Lower	Upper
330	100		
332	97.5	76.4	114.6
141	26.9	21.4	32.0



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





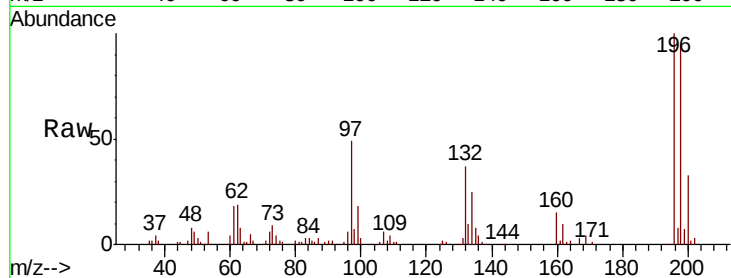
#43
2,4,6-Trichlorophenol
Concen: 40.324 ng
RT: 13.09 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	89711		
198	94.9	77.0	115.4	
200	32.7	27.4	41.2	

Manual Integrations
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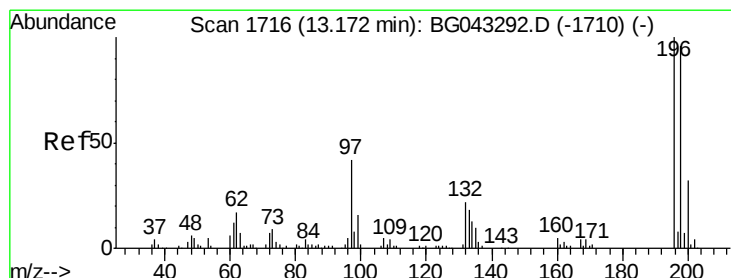
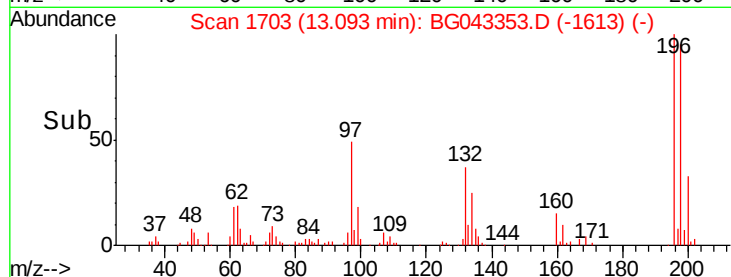
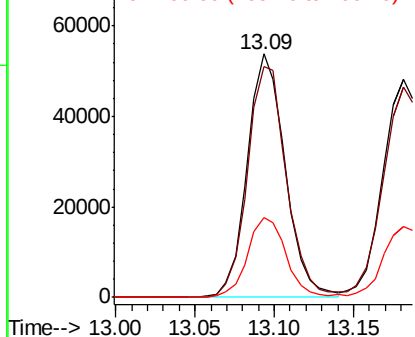


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 42.102 ng
RT: 13.18 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94694		
198	96.5	76.6	114.8	
97	44.4	34.1	51.1	
132	24.3	18.2	27.4	

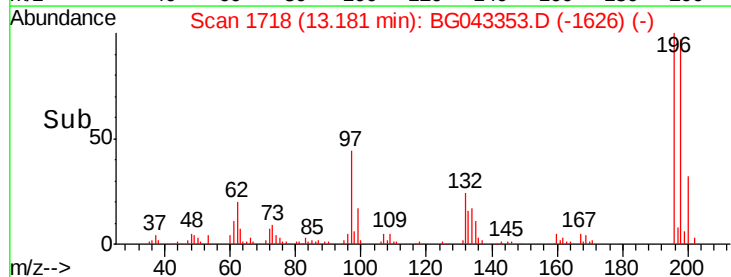
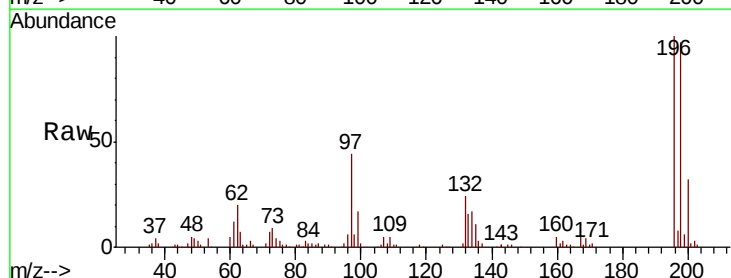
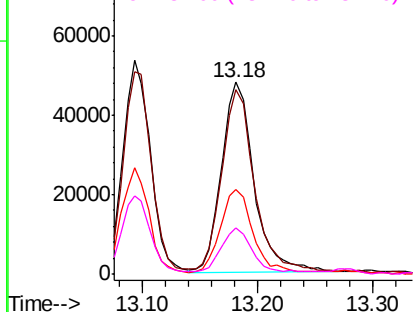
Abundance

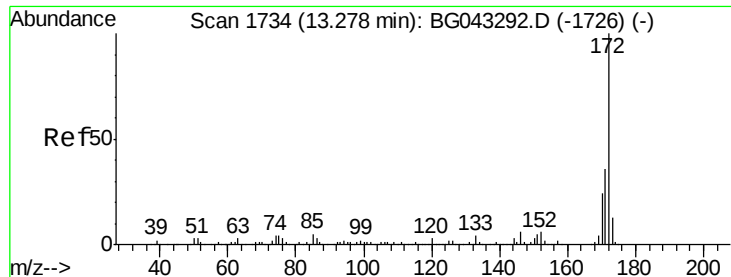
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





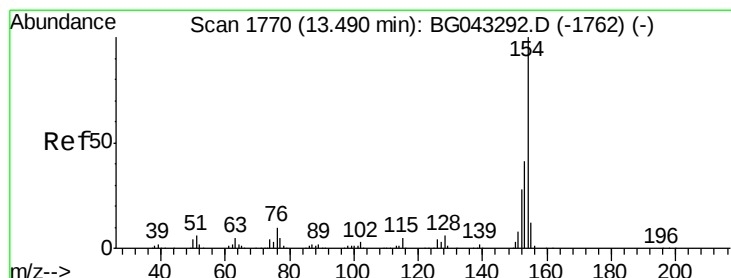
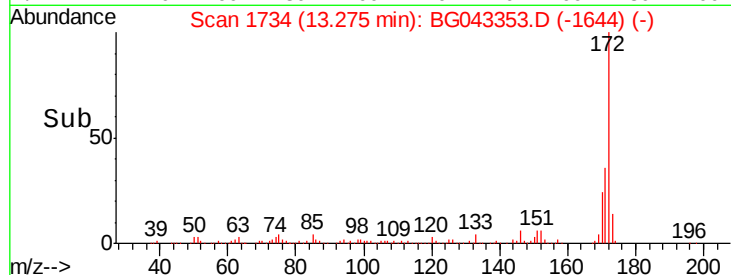
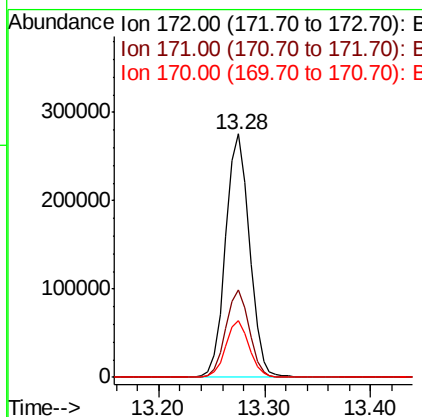
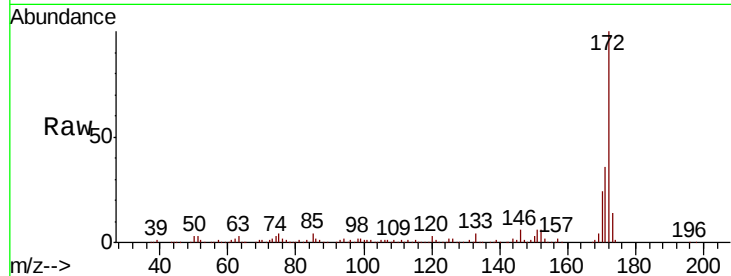
#45
2-Fluorobiphenyl
Concen: 58.560 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.6	18.8	28.2

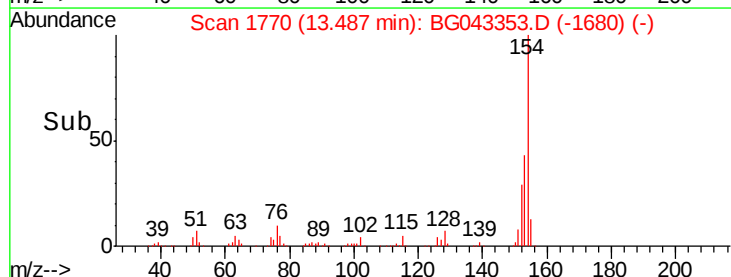
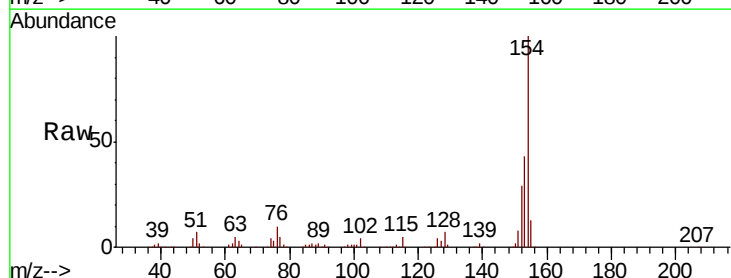
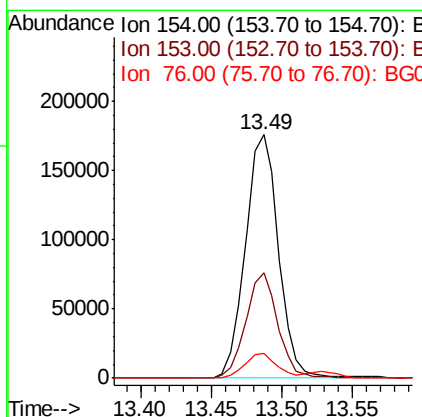
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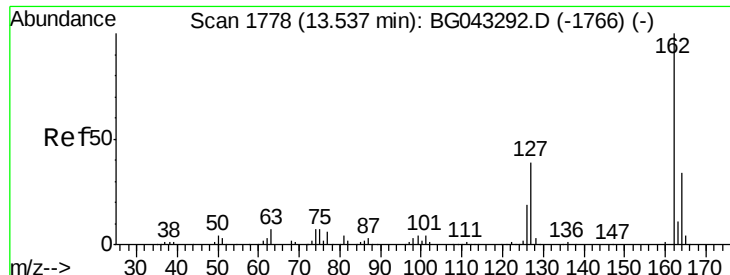
mohammad
10/29/2019 3:34:35 PM



#46
1,1'-Biphenyl
Concen: 37.277 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.0	61.0
76	10.3	0.0	29.8





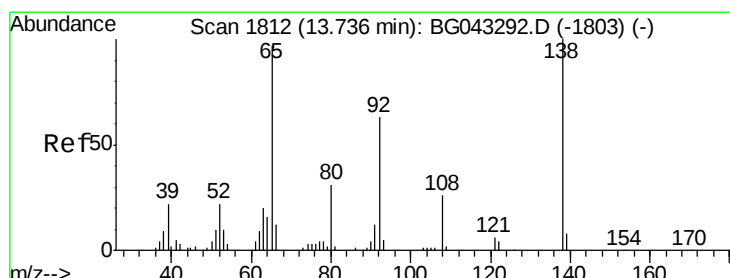
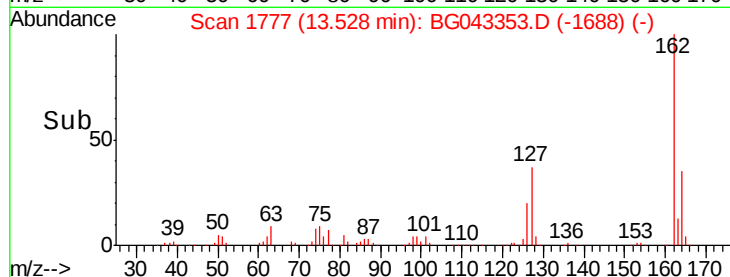
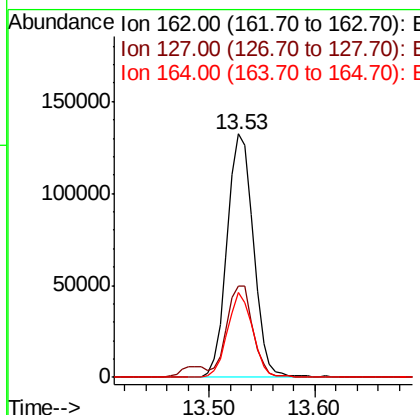
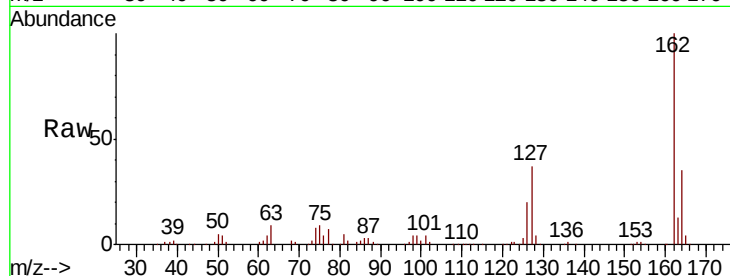
#47
 2-Chloronaphthalene
 Concen: 38.620 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BS

Tot Ion:	162	Resp:	228184
Ion Ratio	Lower	Upper	
162	100		
127	37.3	31.3	46.9
164	35.0	26.8	40.2

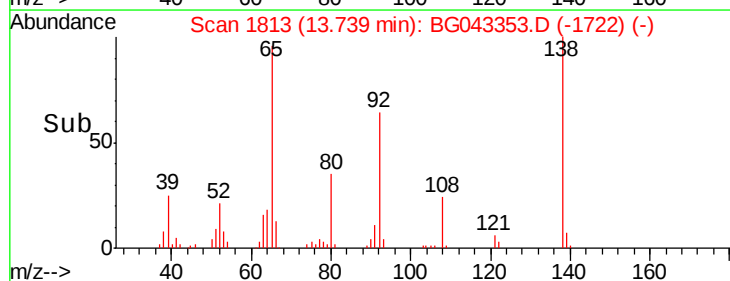
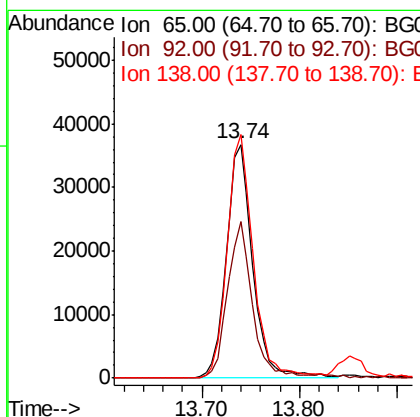
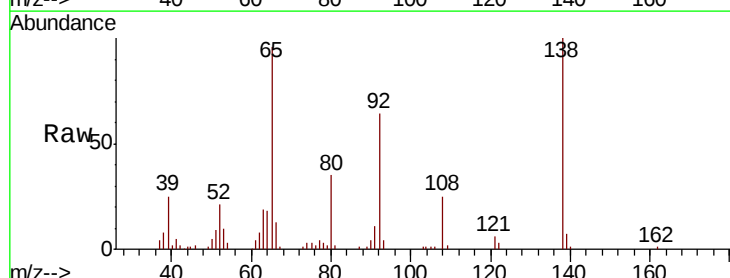
Manual Integrations
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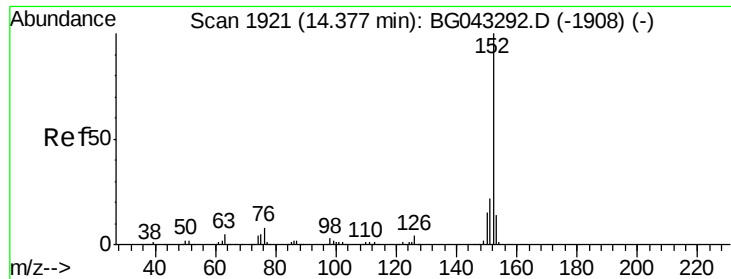
mohammad
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#48
 2-Nitroaniline
 Concen: 38.915 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion:	65	Resp:	68722
Ion Ratio	Lower	Upper	
65	100		
92	66.9	52.6	79.0
138	104.3	82.9	124.3





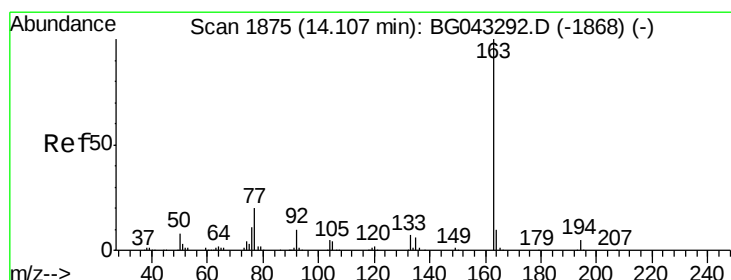
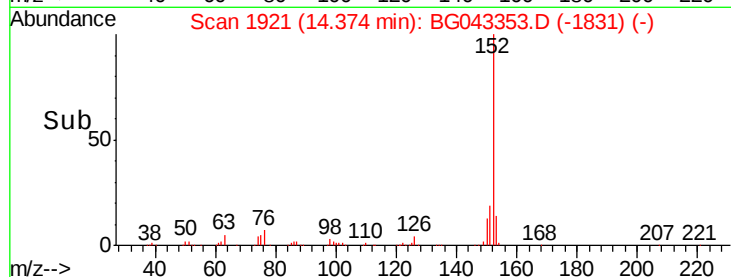
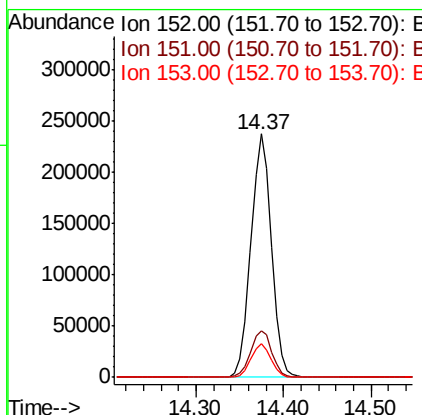
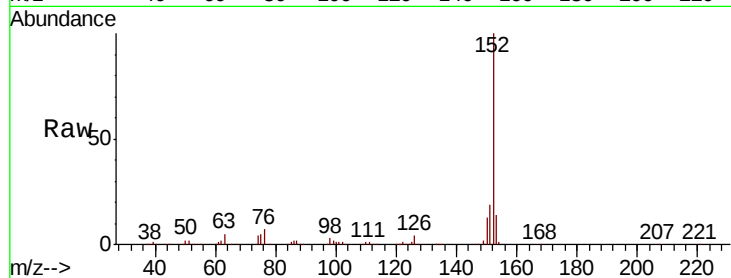
#49
Acenaphthylene
Concen: 40.736 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	17.2	25.8
153	13.7	11.0	16.6

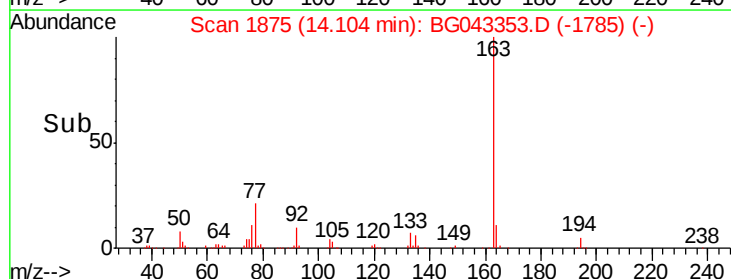
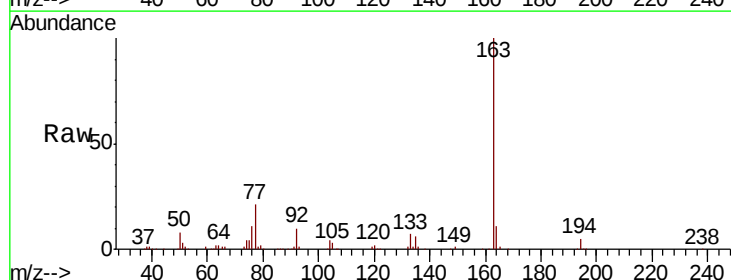
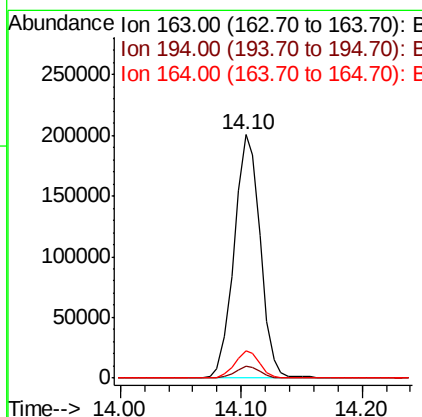
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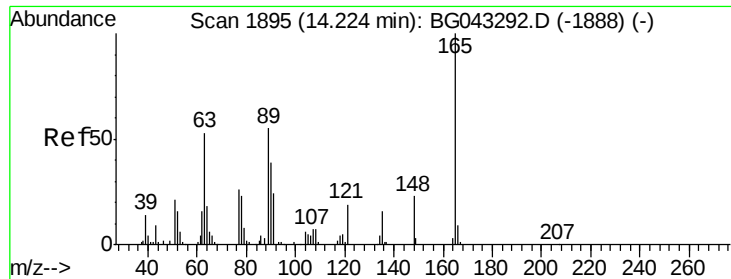
mohammad
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#50
Dimethylphthalate
Concen: 38.163 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.7	5.5
164	11.0	8.1	12.1





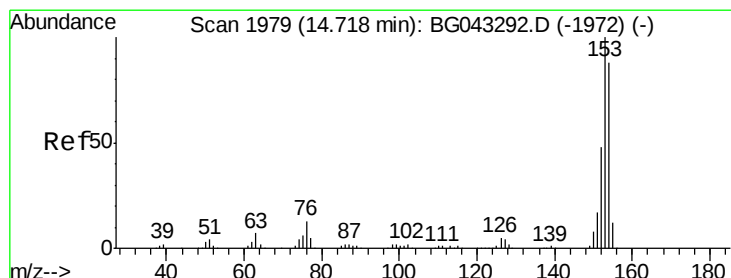
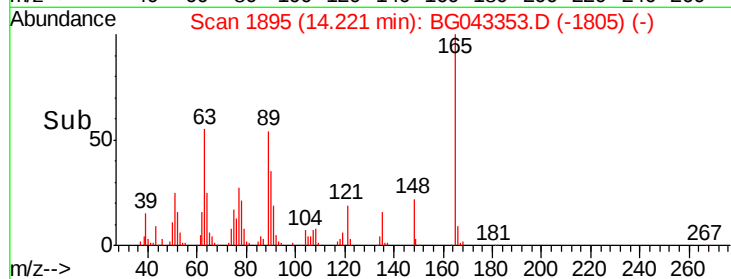
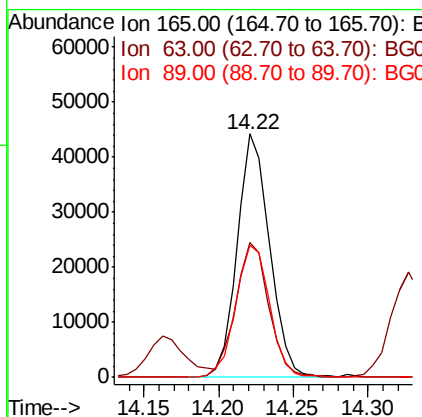
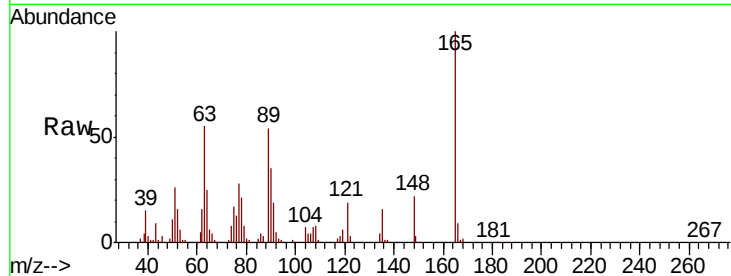
#51
2,6-Dinitrotoluene
Concen: 38.779 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.2	47.1	70.7
89	54.4	43.7	65.5

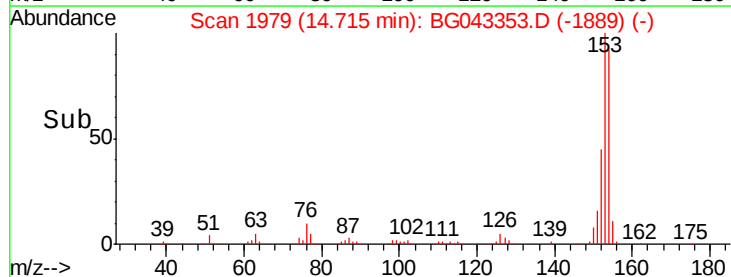
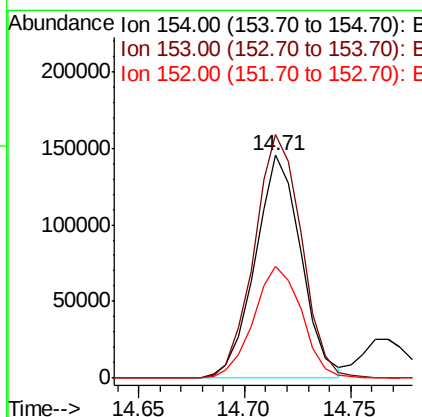
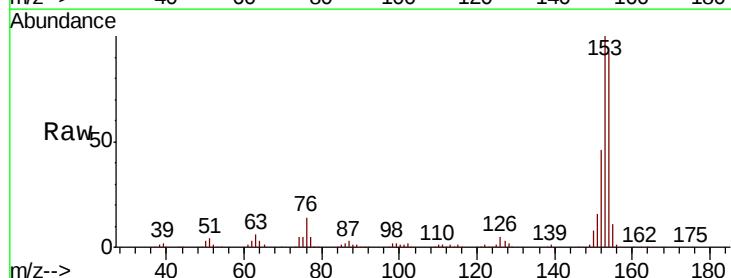
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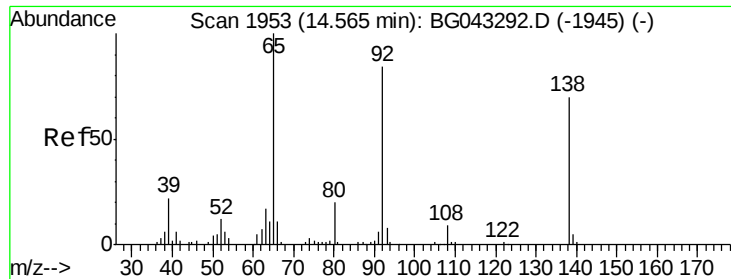
mohammad
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#52
Acenaphthene
Concen: 39.107 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.2	90.9	136.3
152	49.9	43.9	65.9





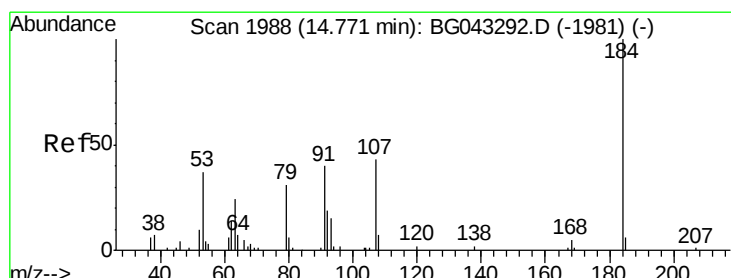
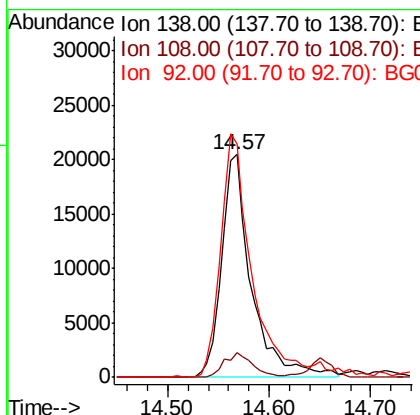
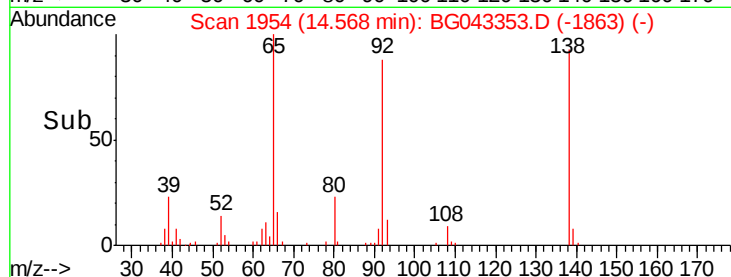
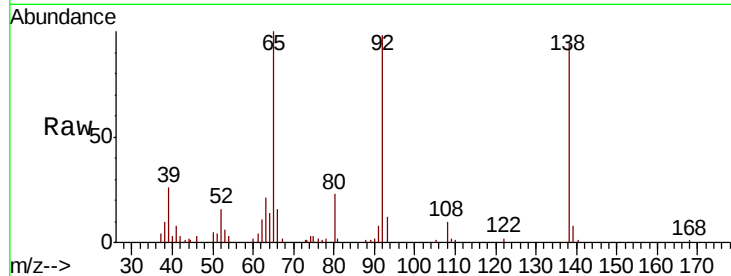
#53
3-Nitroaniline
Concen: 25.170 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.8	14.6
92	104.7	95.8	143.6

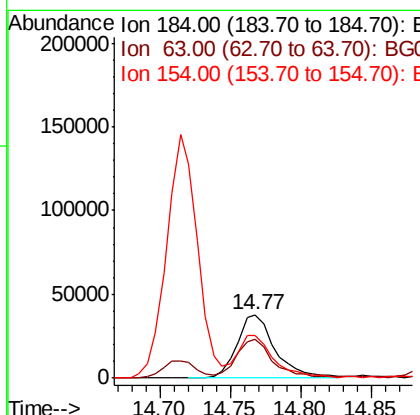
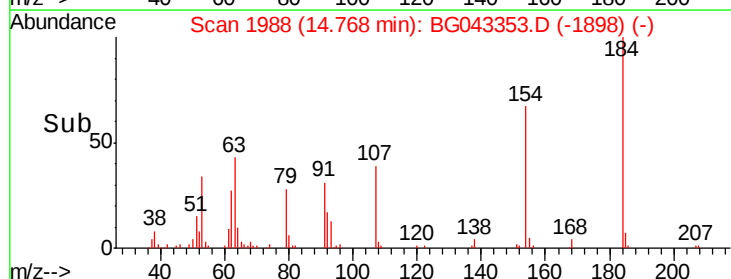
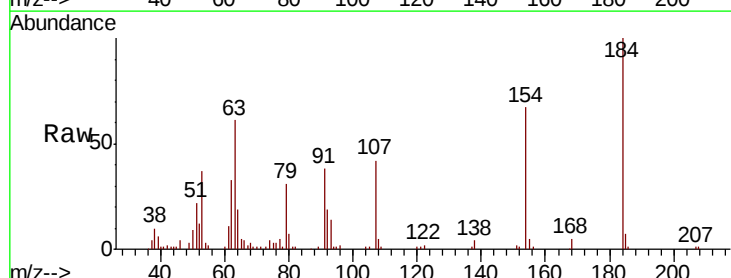
Manual Integrations
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#54
2,4-Dinitrophenol
Concen: 67.714 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	48.8	73.2
154	67.4	49.4	74.0





#55

Dibenzenofuran

Concen: 39.768 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

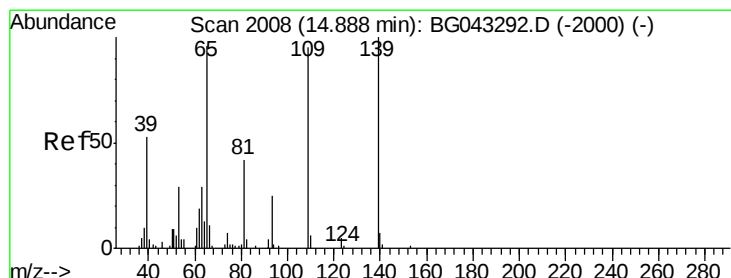
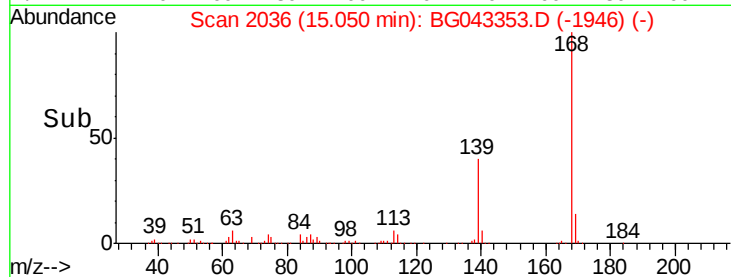
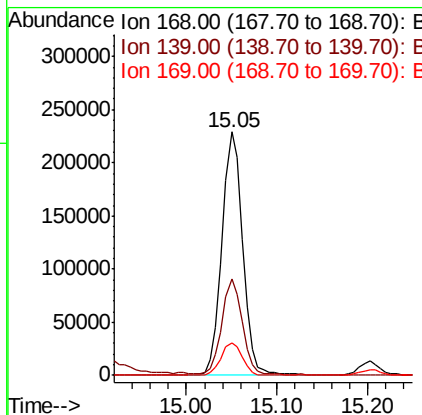
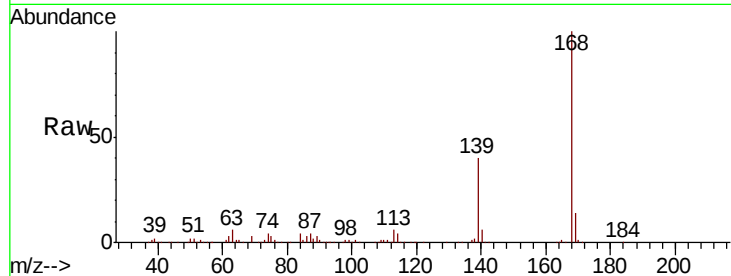
ClientSampleId :

PB124310BS

Tot Ion:	168	Resp:	361655
Ion Ratio	Lower	Upper	
168	100		
139	39.6	31.7	47.5
169	13.6	11.0	16.4

Manual Integrations
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#56

4-Nitrophenol

Concen: 85.481 ng

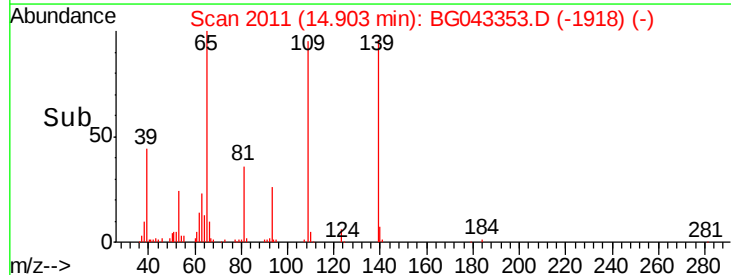
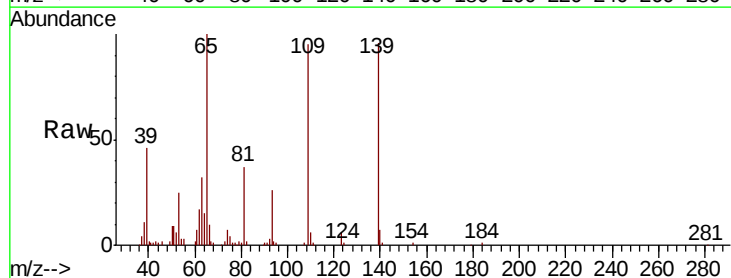
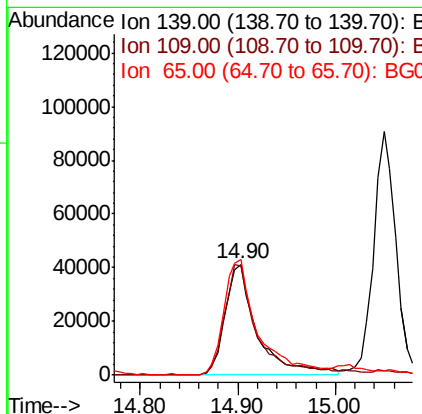
RT: 14.90 min Scan# 2011

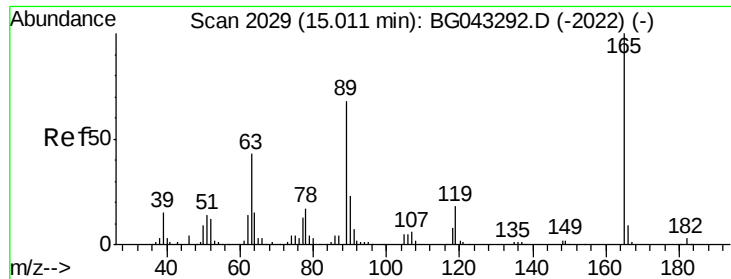
Delta R.T. 0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	139	Resp:	94999
Ion Ratio	Lower	Upper	
139	100		
109	98.8	75.4	115.4
65	104.4	76.6	116.6





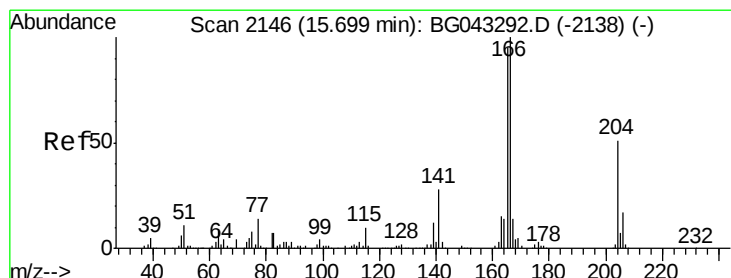
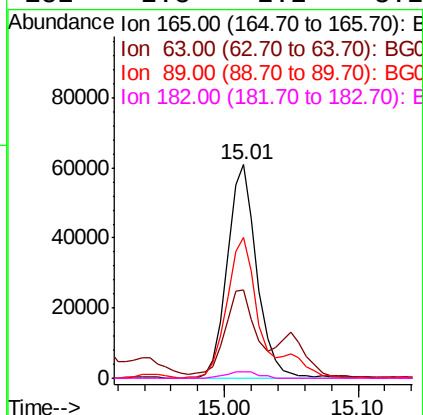
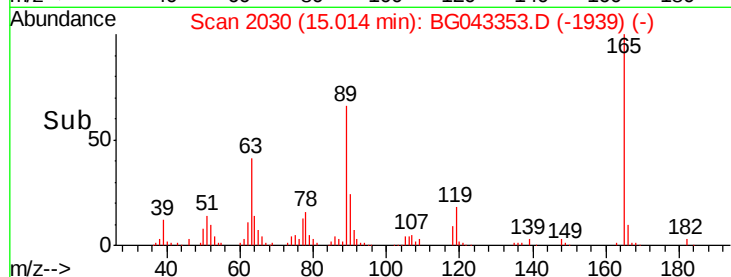
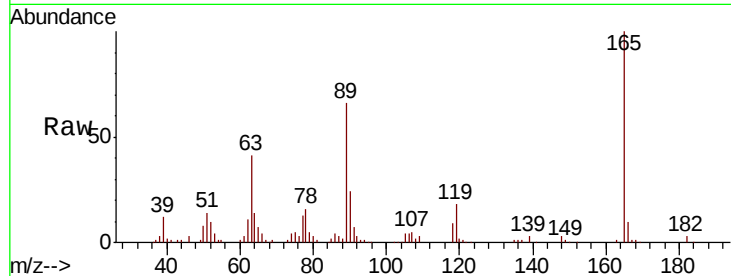
#57
2,4-Dinitrotoluene
Concen: 38.541 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	35.0	52.6
89	65.7	54.1	81.1
182	2.8	2.2	3.2

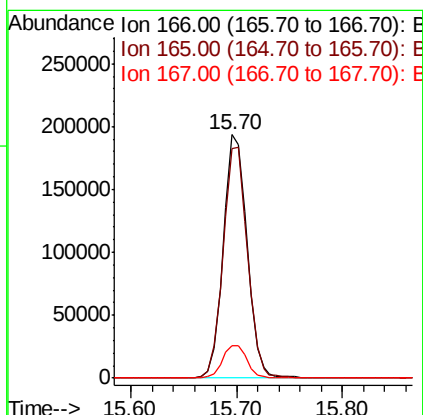
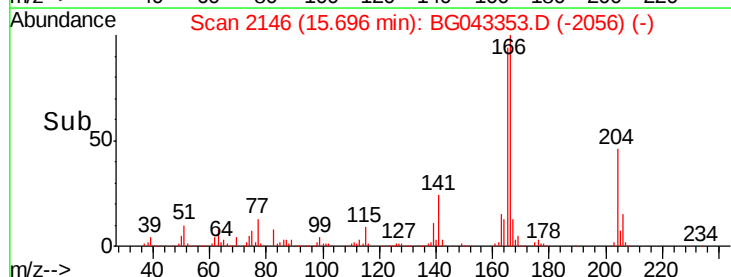
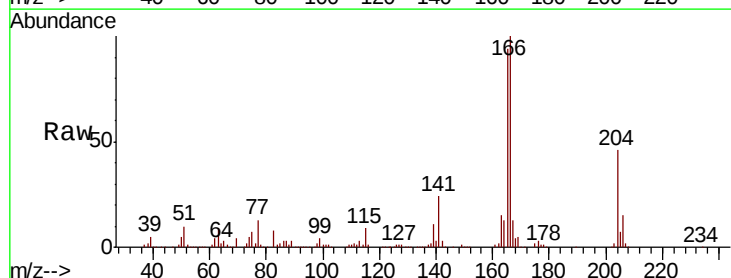
Manual Integrations
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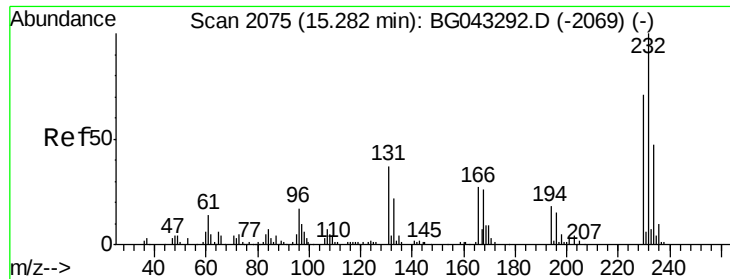
mohammad
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#58
Fluorene
Concen: 39.593 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.1	76.4	114.6
167	13.1	11.1	16.7





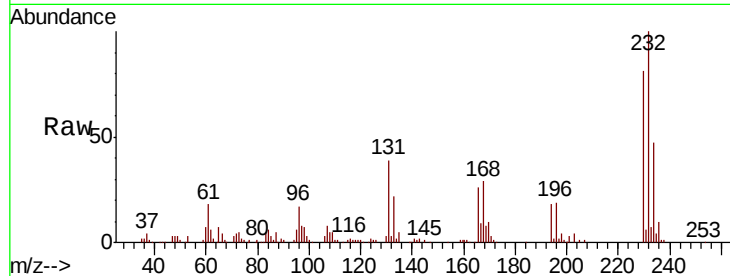
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.703 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	99655		
131	38.0		28.7	43.1
130	1.5		0.6	0.8
166	26.9		21.1	31.7

Manual Integrations
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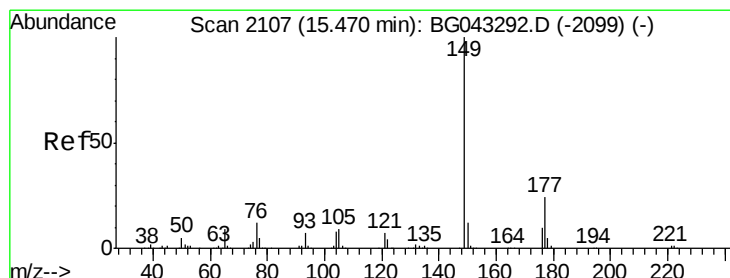
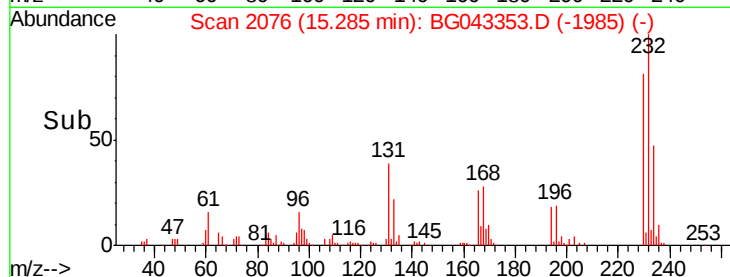
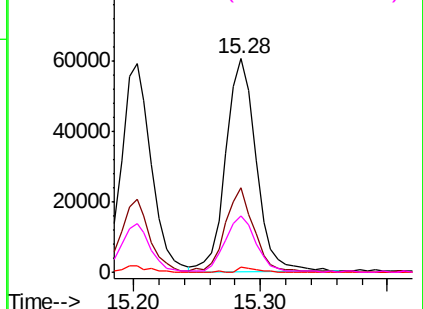
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

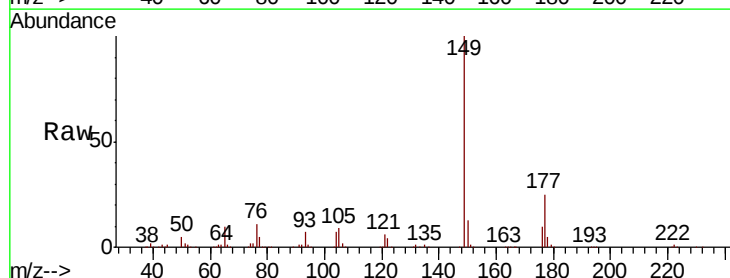
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.294 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	304223		
177	24.9		19.0	28.4
150	13.3		9.4	14.0

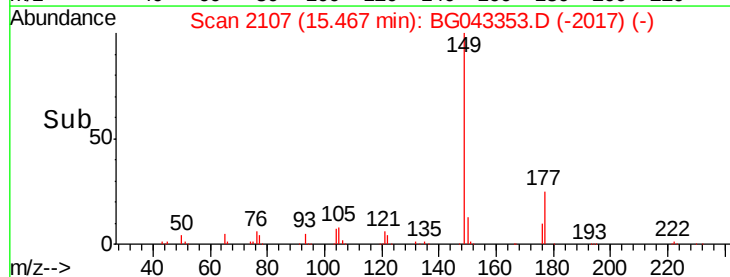
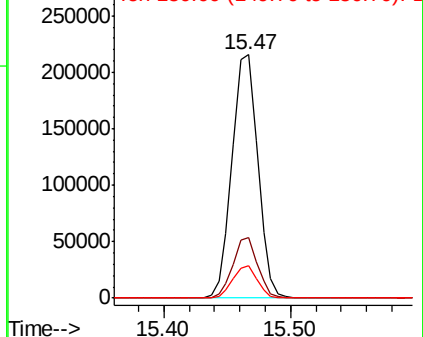


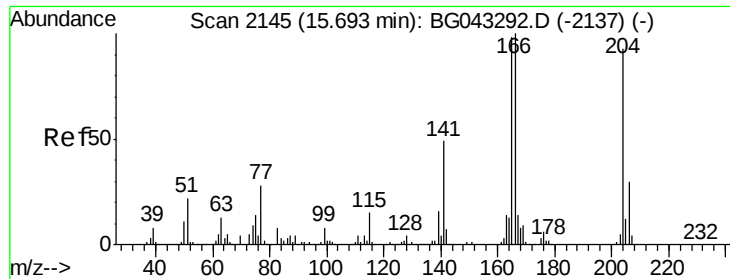
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





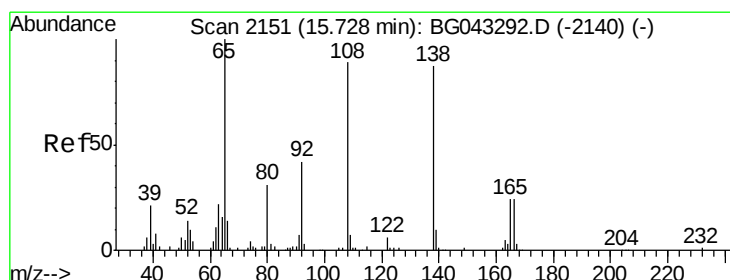
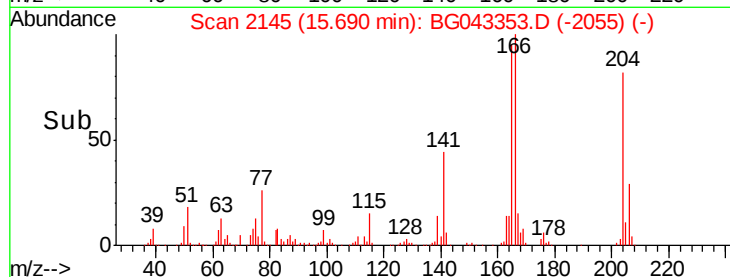
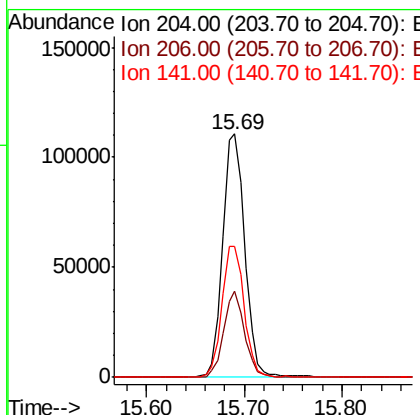
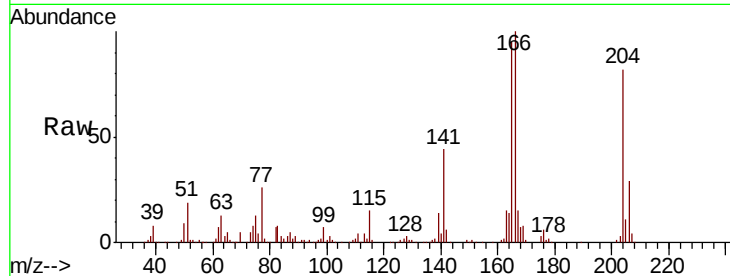
#61
 4-Chlorophenyl-phenylether
 Concen: 39.049 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BS

Tot Ion:	204	Resp:	173752
Ion Ratio	Lower	Upper	
204	100		
206	35.4	25.7	38.5
141	54.0	42.3	63.5

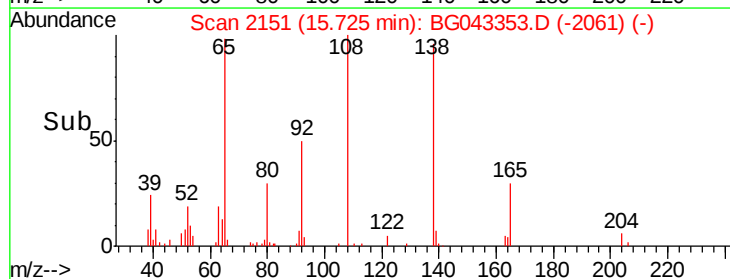
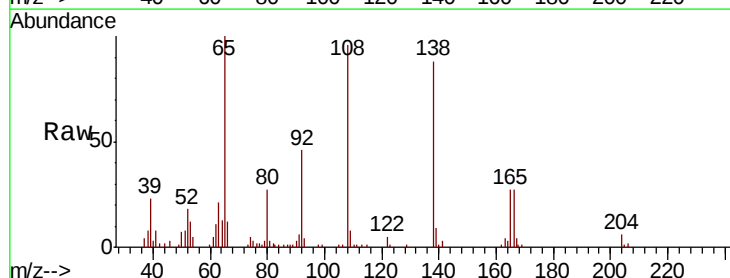
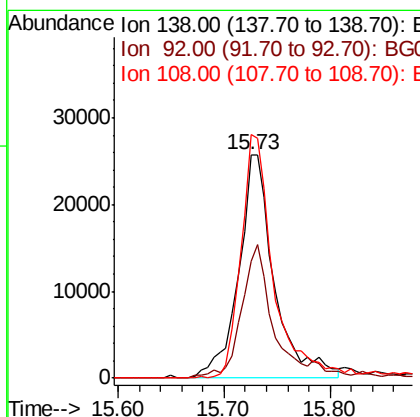
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#62
 4-Nitroaniline
 Concen: 35.058 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion:	138	Resp:	60044
Ion Ratio	Lower	Upper	
138	100		
92	52.5	28.8	68.8
108	109.0	82.7	122.7





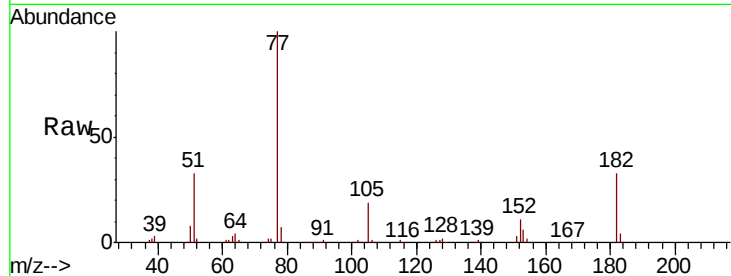
#63
Azobenzene
Concen: 39.284 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.1	14.9	54.9	
105	19.2	0.6	40.6	
51	33.2	12.5	52.5	

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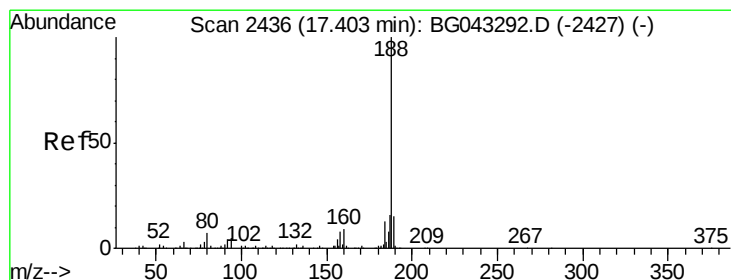
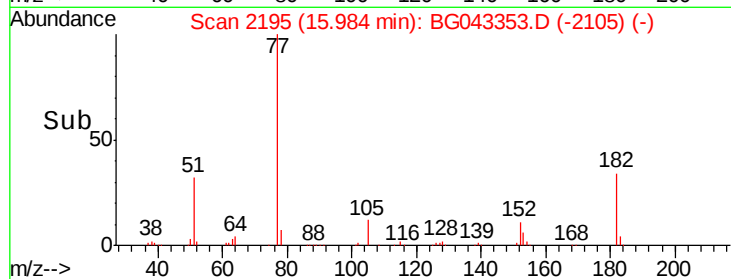
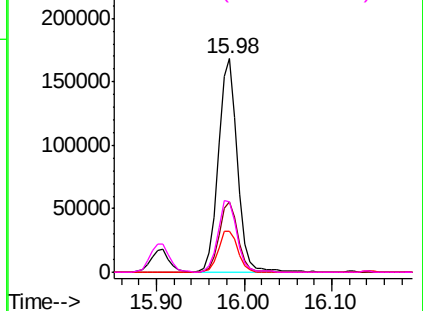
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

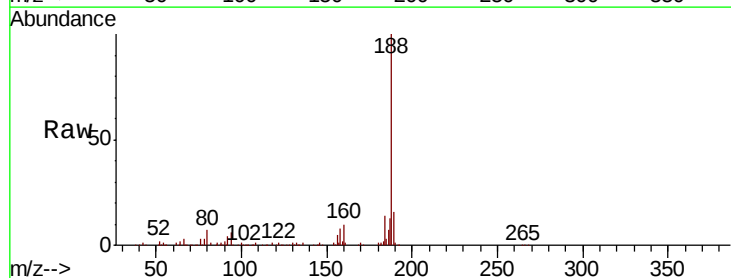
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	4.2	6.2#	
80	6.9	5.2	7.8	

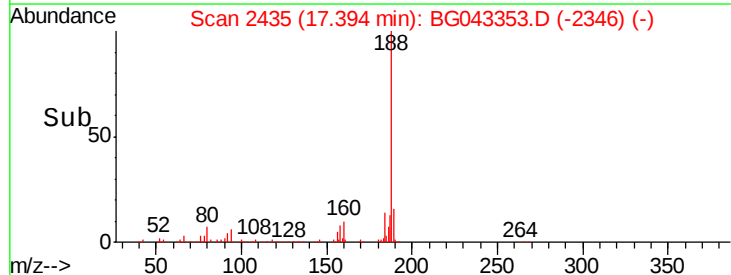
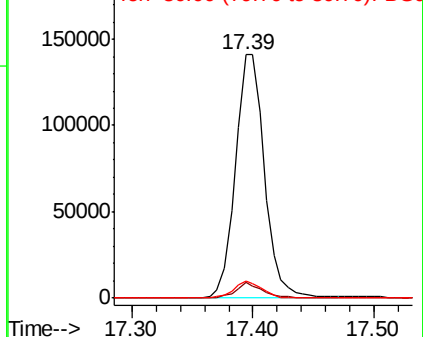


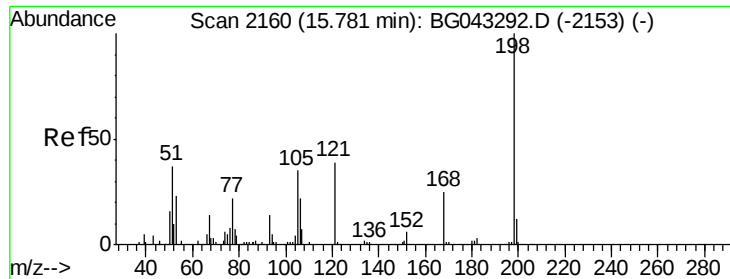
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.312 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

ClientSampleId :

PB124310BS

Tot Ion:198 Resp: 60400

Ion Ratio Lower Upper

198 100

51 33.4 21.4 61.4

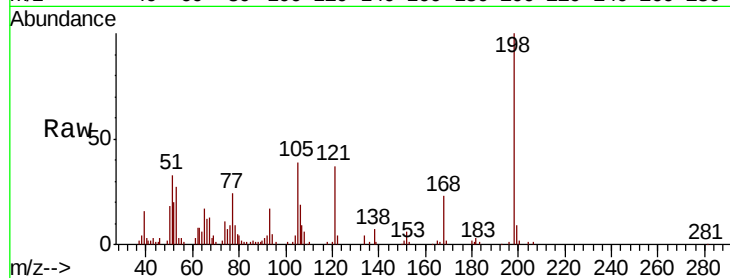
105 38.9 16.5 56.5

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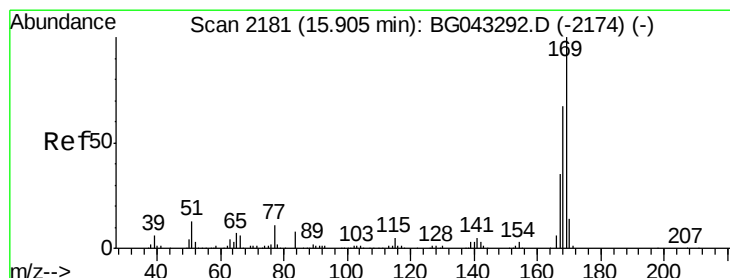
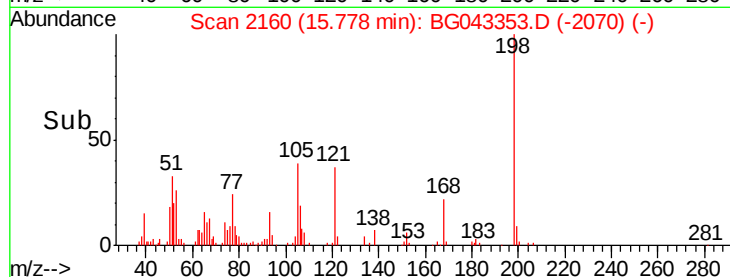
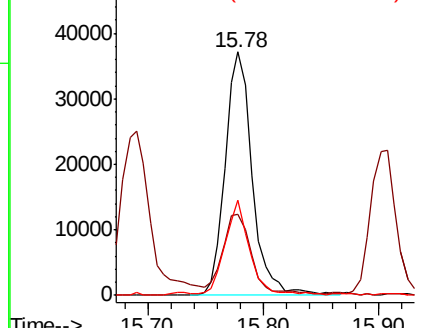
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.564 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

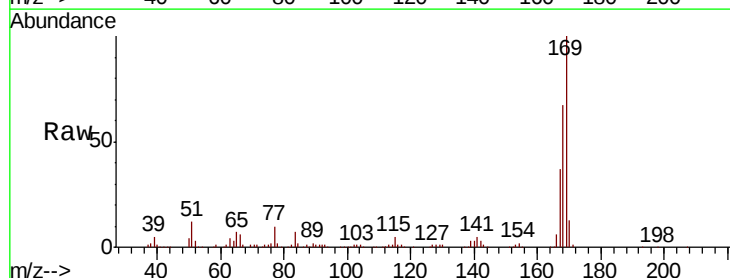
Tgt Ion:169 Resp: 271380

Ion Ratio Lower Upper

169 100

168 67.3 53.9 80.9

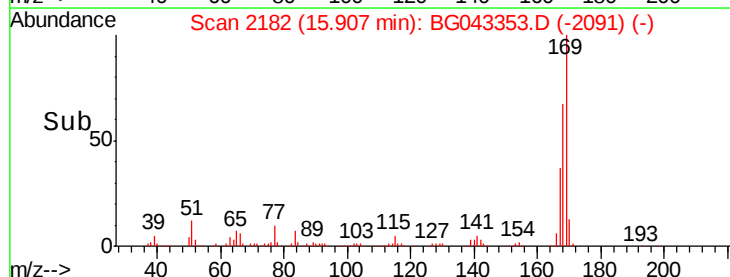
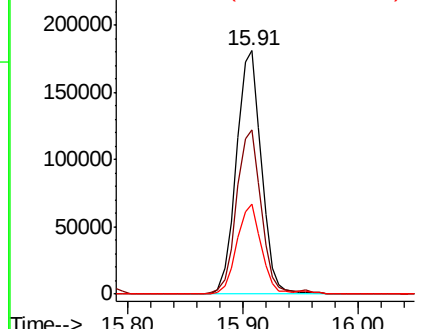
167 36.9 28.3 42.5

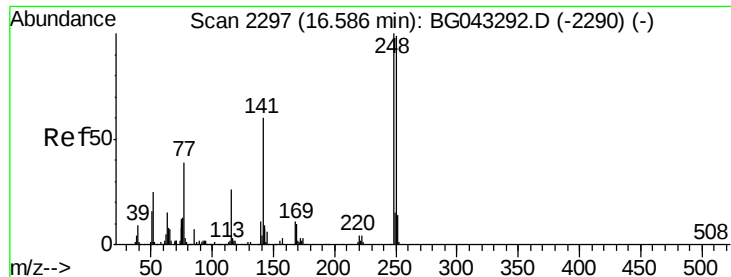


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





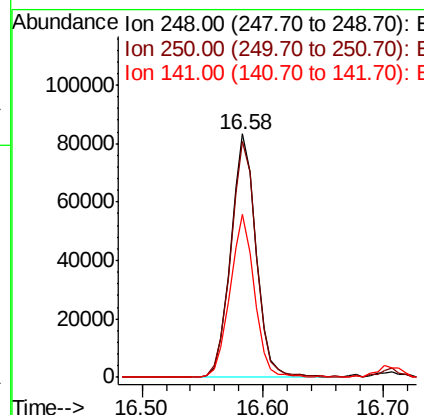
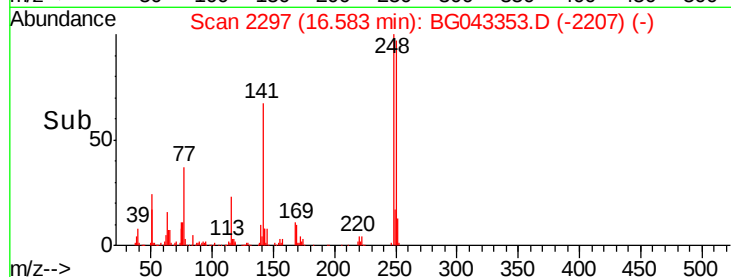
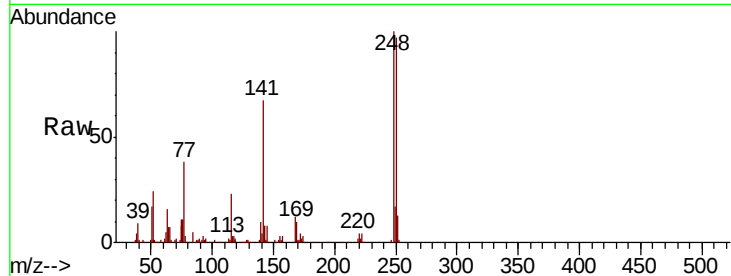
#67
4-Bromophenyl-phenylether
Concen: 37.883 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ion	Ratio	Lower	Upper
248	100			
250	96.8	79.3	118.9	
141	67.1	47.9	71.9	

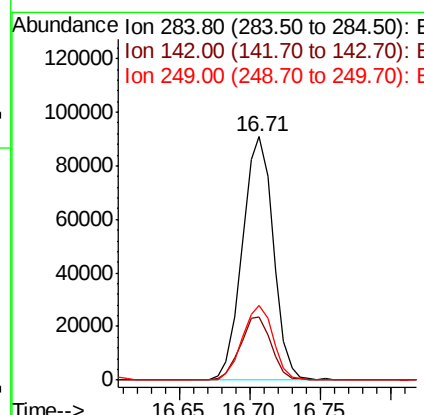
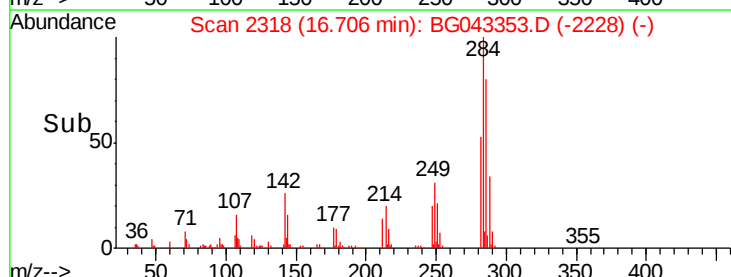
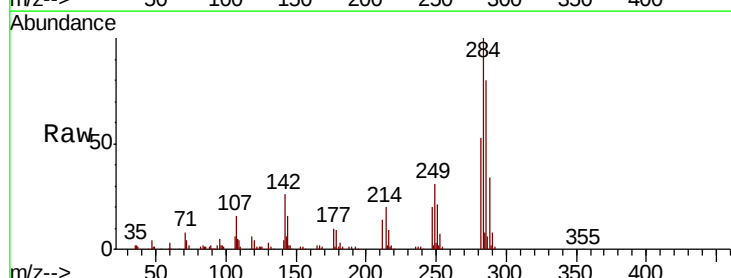
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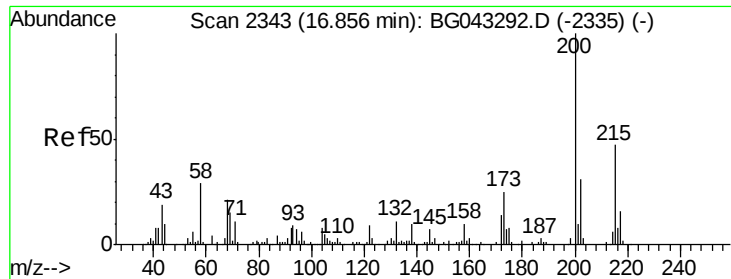
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#68
Hexachlorobenzene
Concen: 38.100 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
284	100			
142	25.8	21.1	31.7	
249	30.9	24.4	36.6	





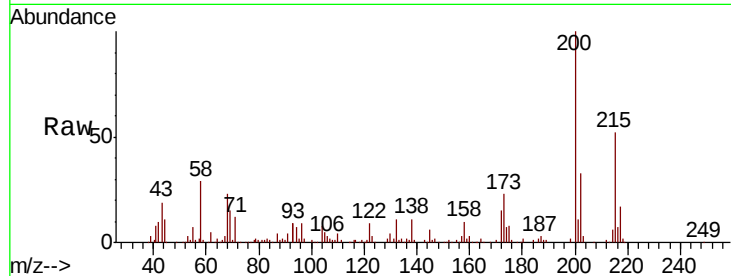
#69
 Atrazine
 Concen: 49.928 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleId :
 PB124310BS

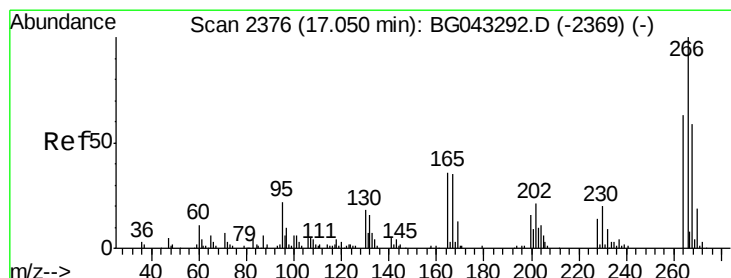
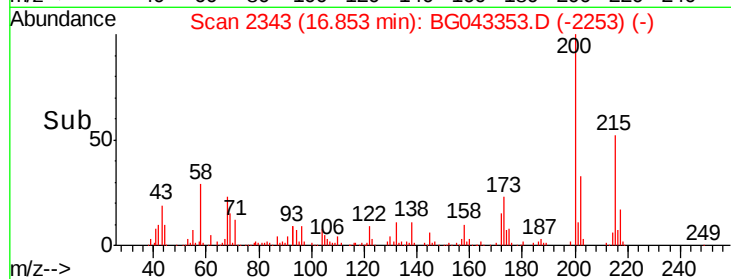
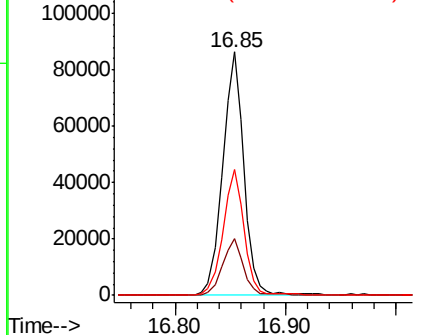
Tot Ion	Ratio	Resp	Lower	Upper
200	100	116066		
173	23.2	5.1	45.1	
215	51.8	26.6	66.6	

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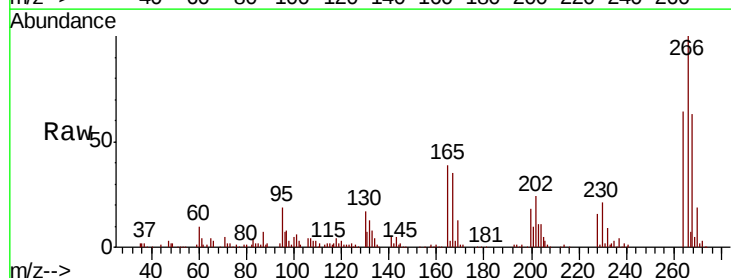


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

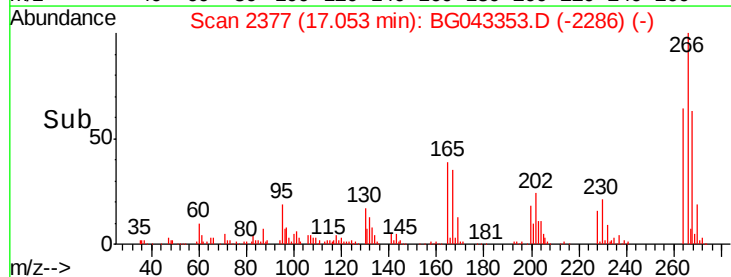
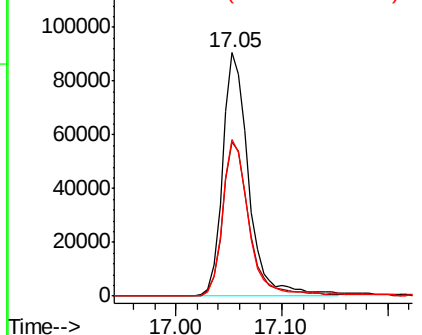


#70
 Pentachlorophenol
 Concen: 92.724 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	154663		
268	63.5	47.1	70.7	
264	64.3	50.4	75.6	



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.045 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

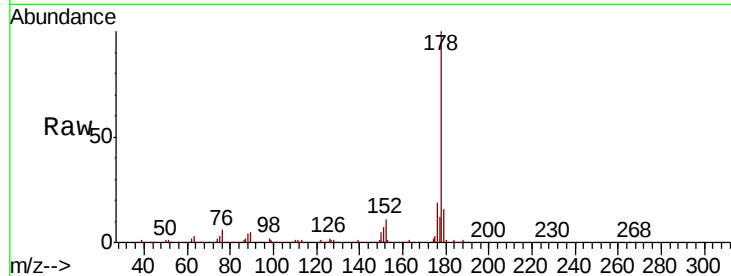
ClientSampleId :

PB124310BS

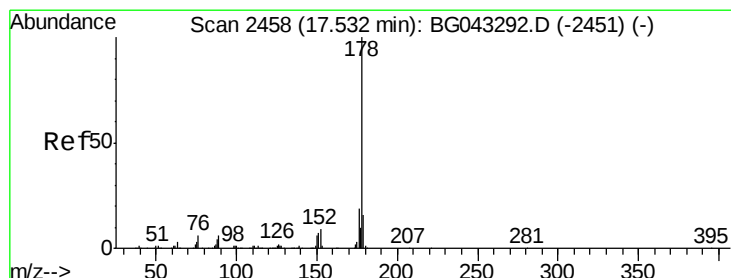
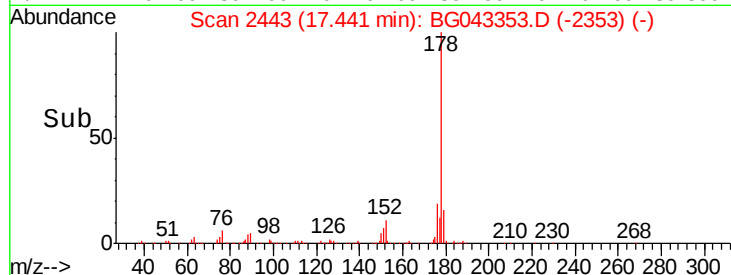
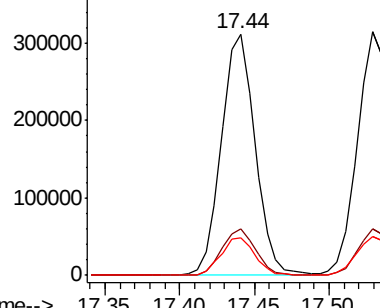
Tot Ion:178	Resp:	485918
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.8 23.8
179	15.7	13.1 19.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.445 ng

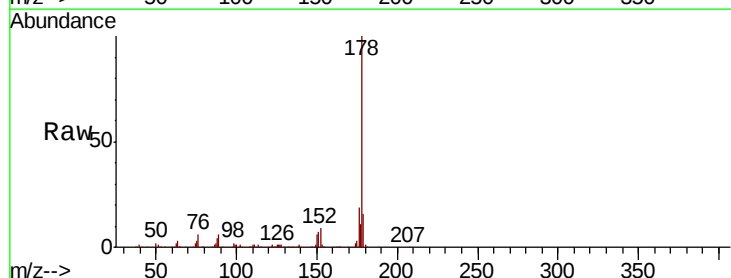
RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

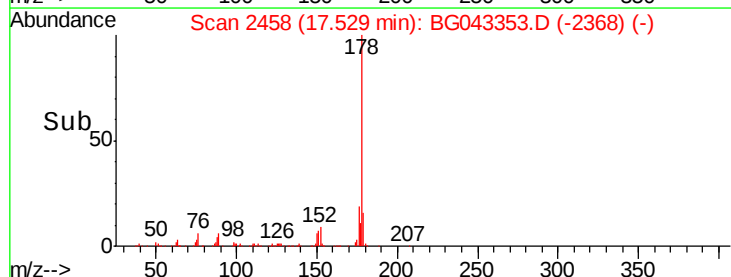
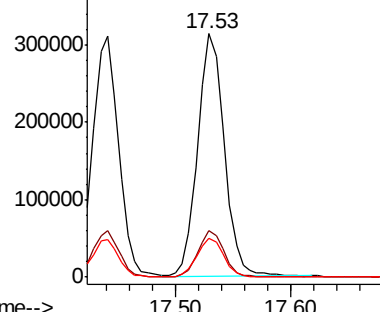
Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:178	Resp:	503168
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.1 22.7
179	16.0	13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.613 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

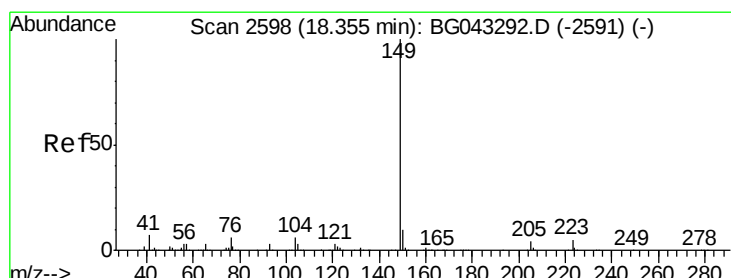
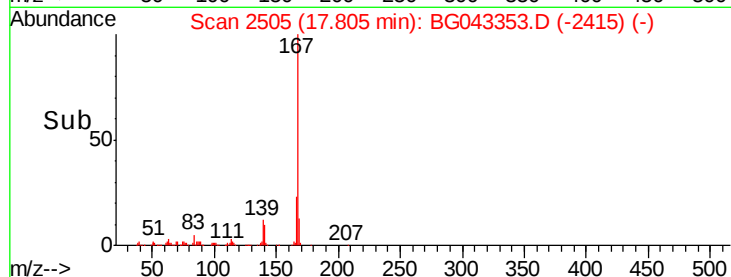
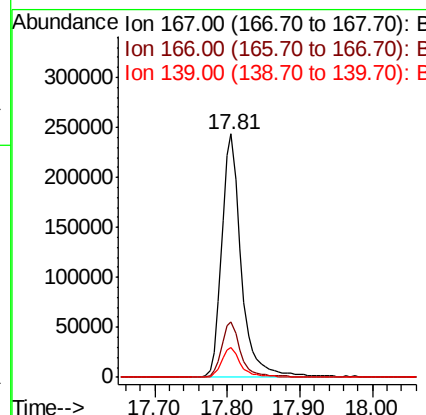
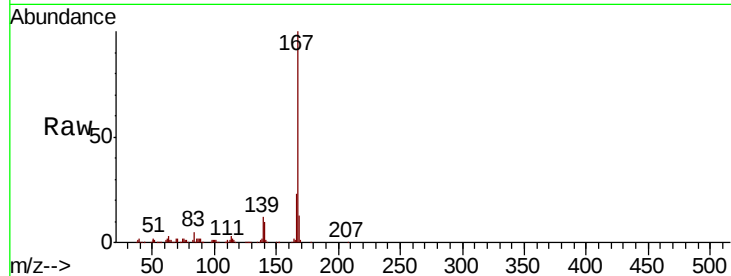
ClientSampleId :

PB124310BS

Tot Ion:	167	Resp:	457503
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.4	27.6
139	12.1	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 41.411 ng

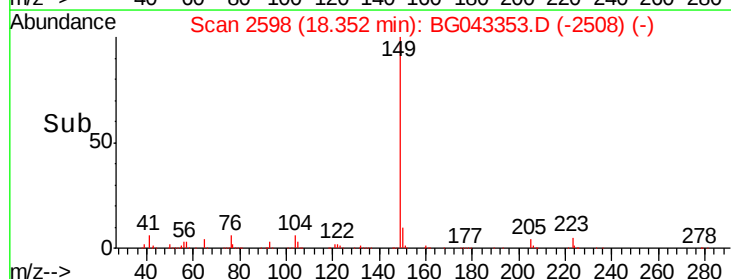
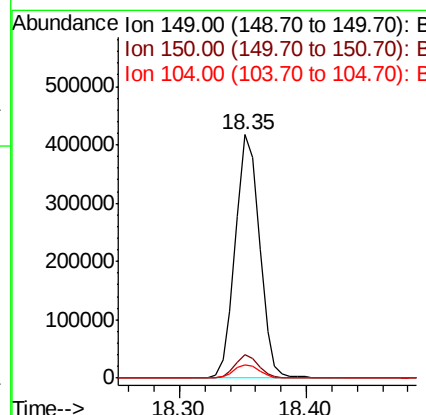
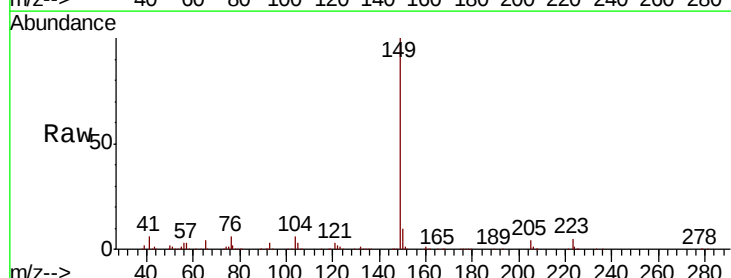
RT: 18.35 min Scan# 2598

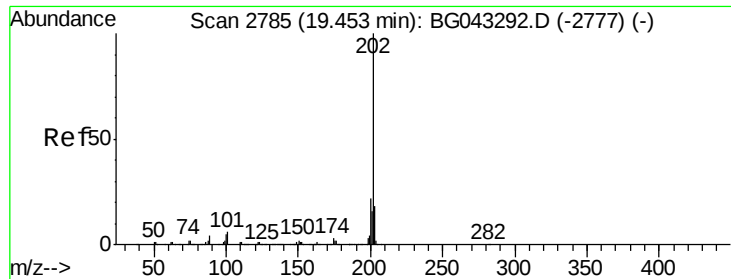
Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	149	Resp:	552421
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.0	12.0
104	5.7	4.7	7.1





#75

Fluoranthene

Concen: 42.198 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

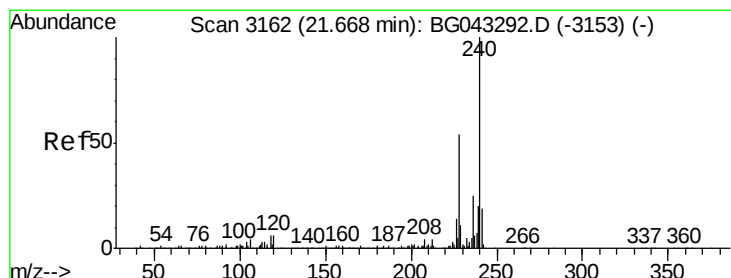
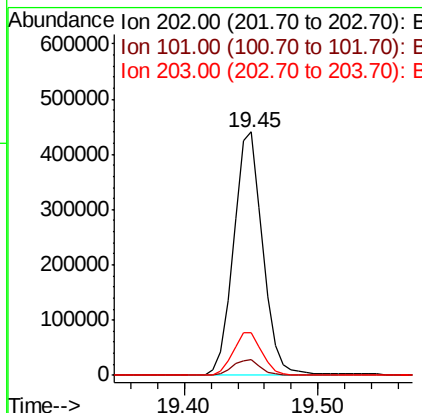
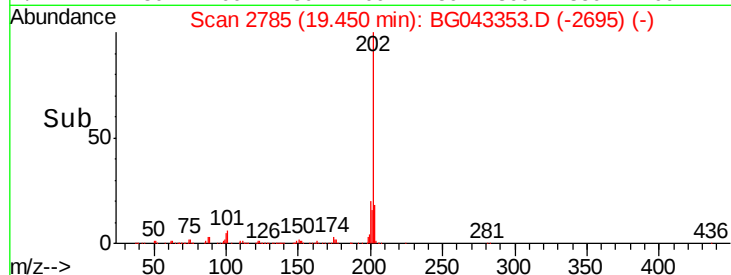
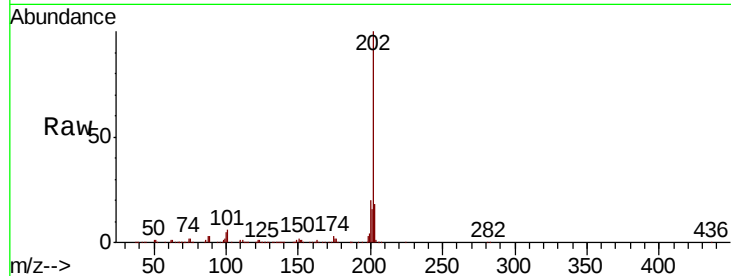
ClientSampleId :

PB124310BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	667549		
101	6.3	0.0	26.0	
203	17.5	0.0	38.2	

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#76

Chrysene-d12

Concen: 20.000 ng

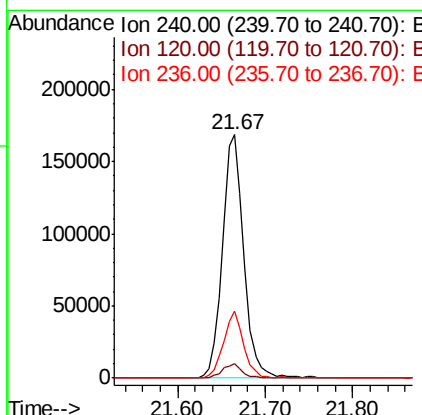
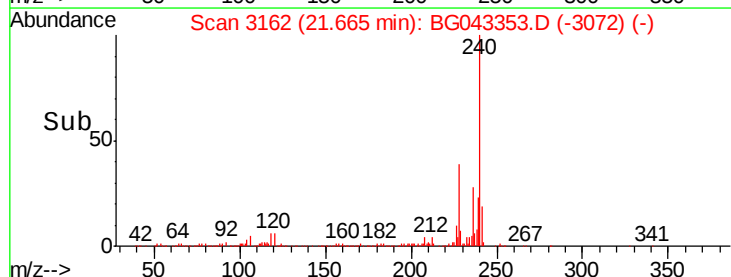
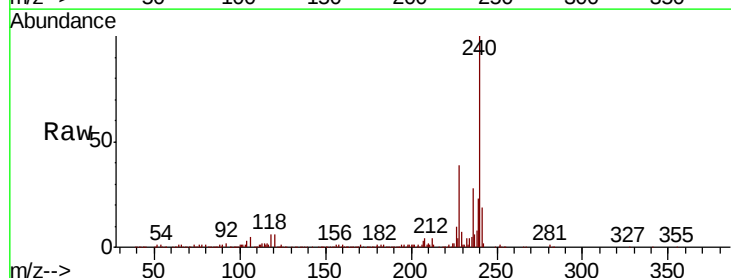
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	283502		
120	6.0	4.6	7.0	
236	27.6	20.2	30.4	





#77

Benzidine

Concen: 52.965 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

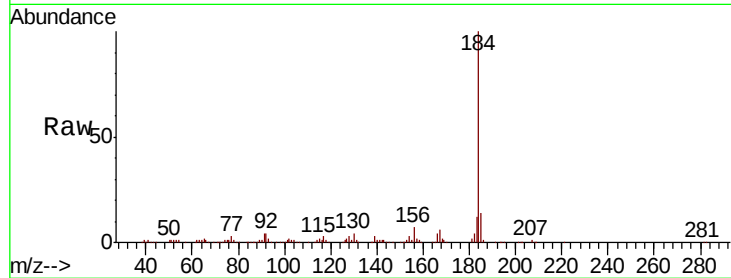
ClientSampleId :

PB124310BS

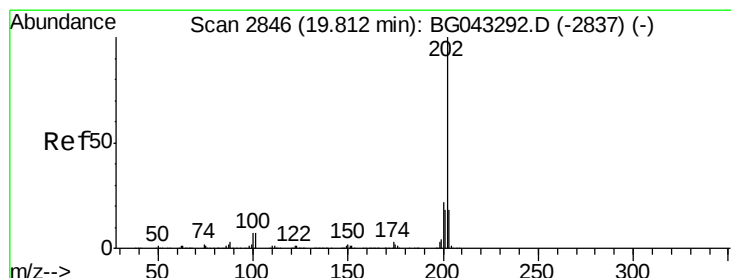
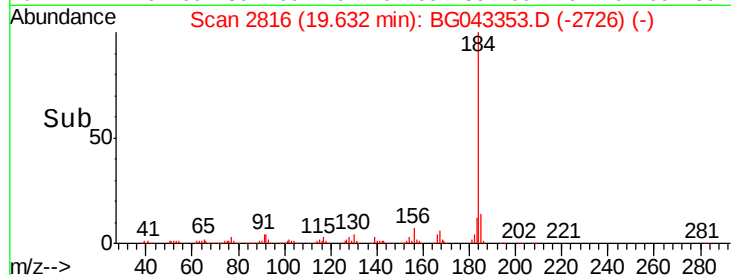
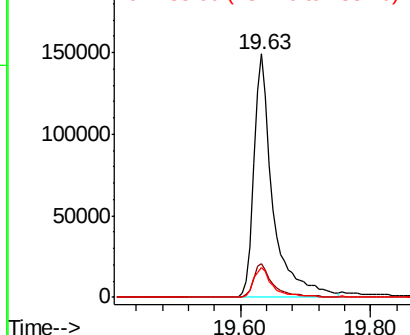
Tot Ion:	184	Resp:	302195
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.8	17.6
183	12.3	10.6	16.0

Manual Integrations
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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: 38.875 ng

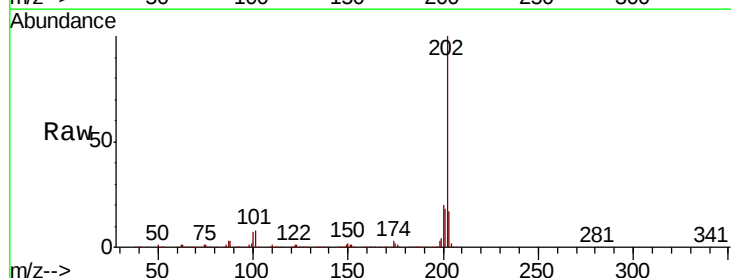
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

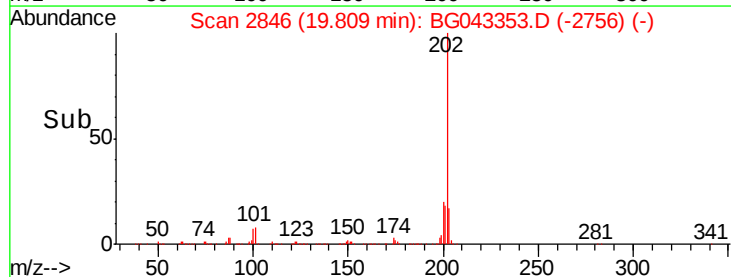
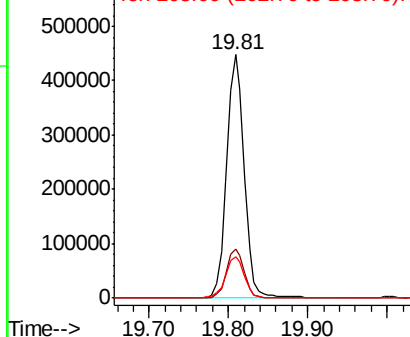
Lab File: BG043353.D

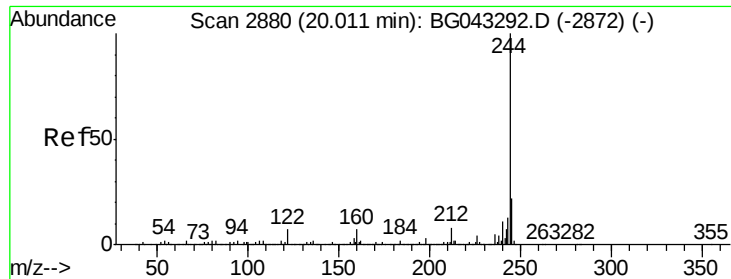
Acq: 28 Oct 2019 17:01

Tgt Ion:	202	Resp:	682198
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.3	25.9
203	17.1	14.5	21.7



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: 58.850 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

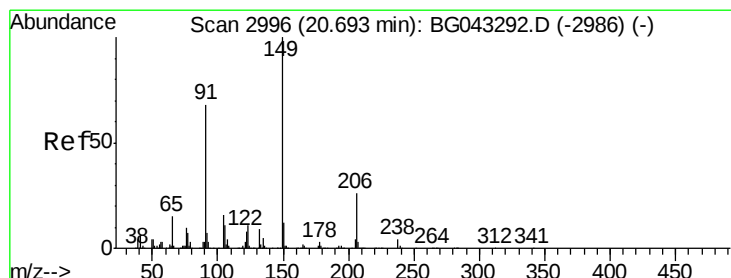
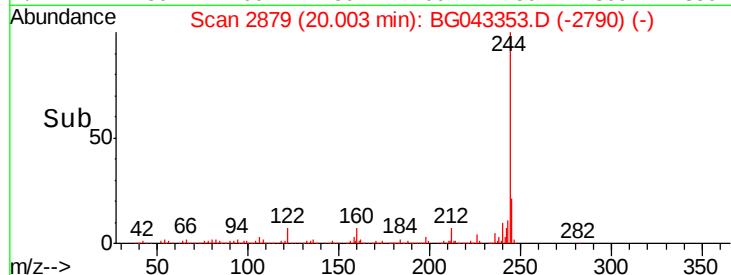
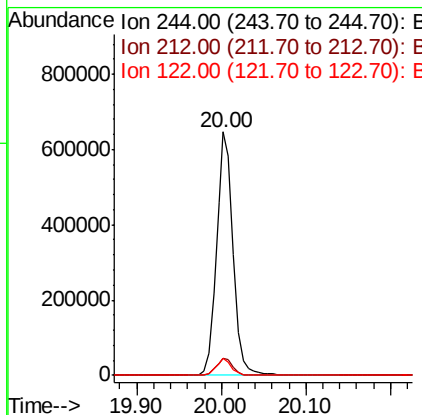
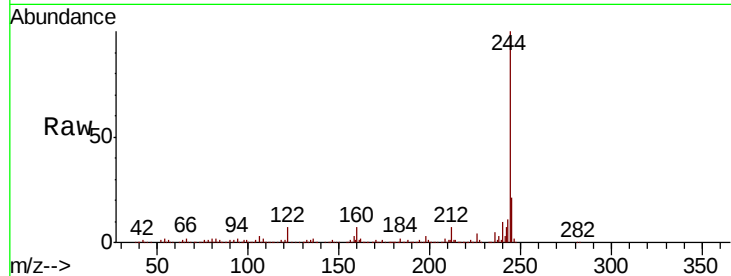
ClientSampleId :

PB124310BS

Tot Ion:	244	Resp:	889311
Ion Ratio		Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.9	5.3	7.9

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 37.763 ng

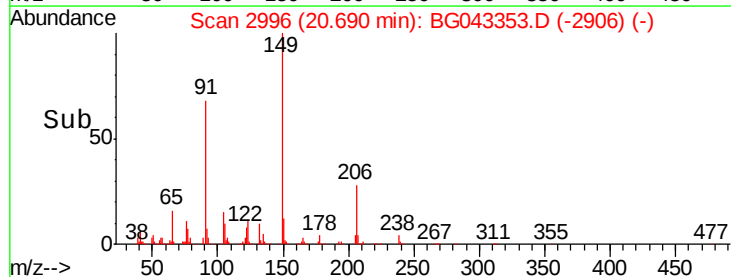
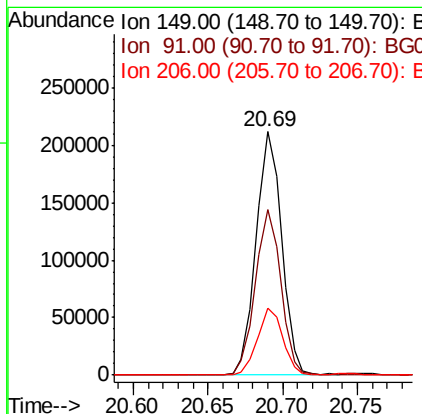
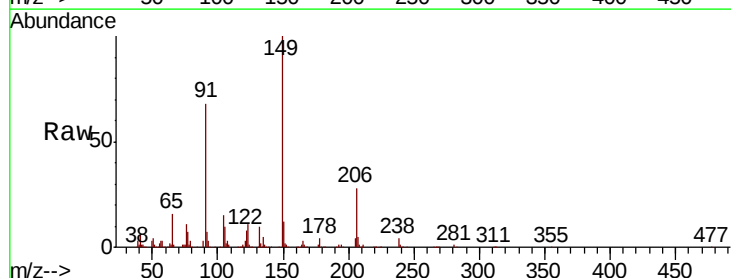
RT: 20.69 min Scan# 2996

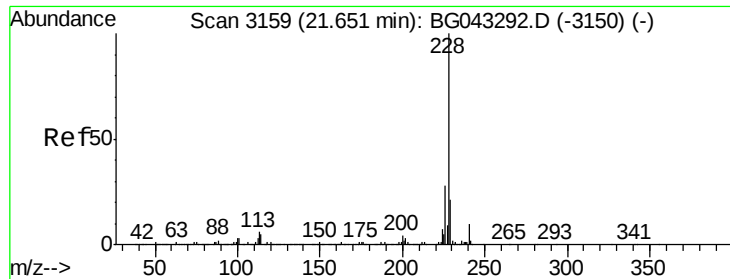
Delta R.T. -0.00 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	149	Resp:	251065
Ion Ratio		Lower	Upper
149	100		
91	68.2	54.6	82.0
206	27.7	20.5	30.7





#81

Benzo(a)anthracene

Concen: 39.616 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

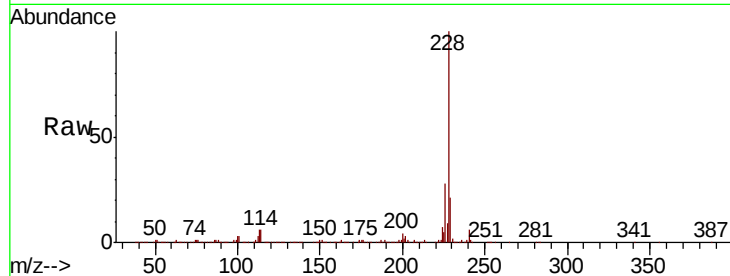
ClientSampleId :

PB124310BS

Tot Ion:	228	Resp:	703514
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.4
229	20.6	16.9	25.3

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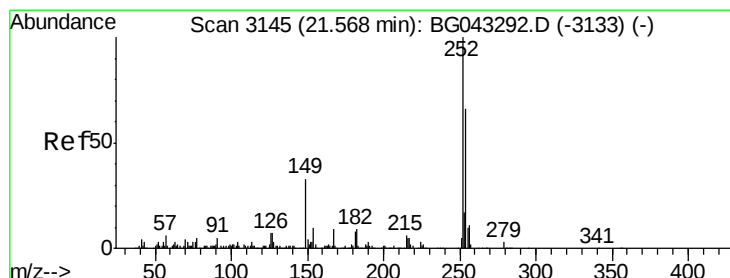
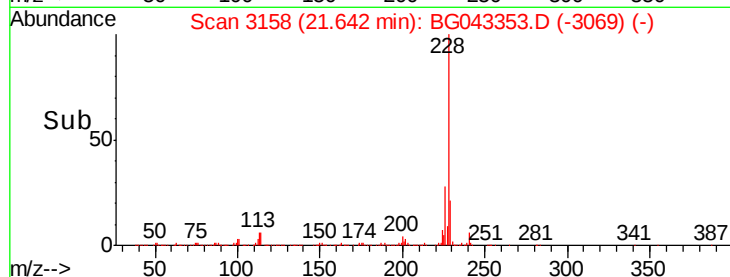
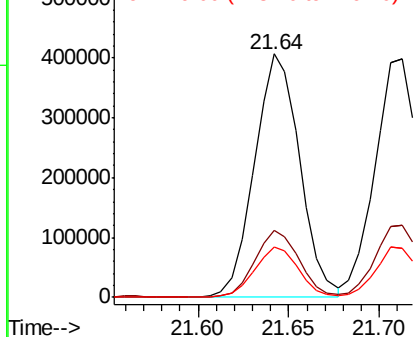


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.409 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

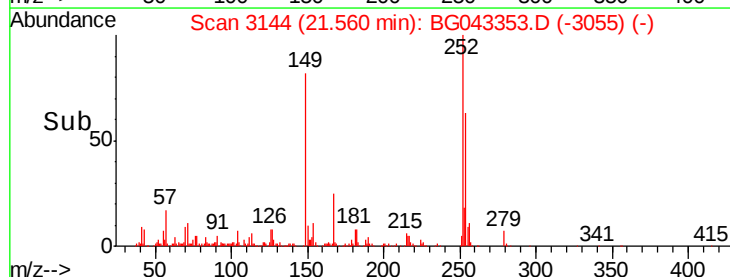
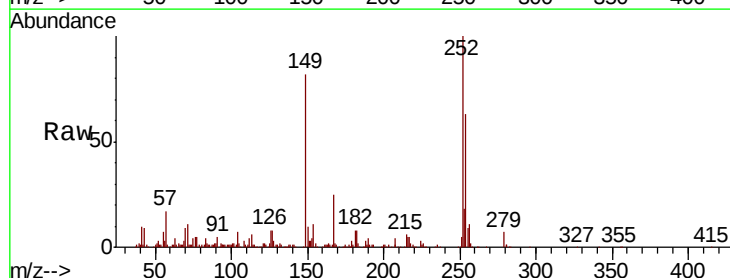
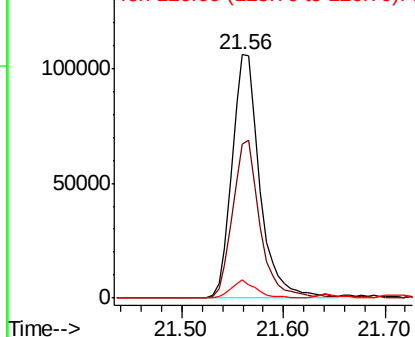
Tgt Ion:	252	Resp:	202001
Ion Ratio	Lower	Upper	
252	100		
254	63.4	52.7	79.1
126	7.7	5.6	8.4

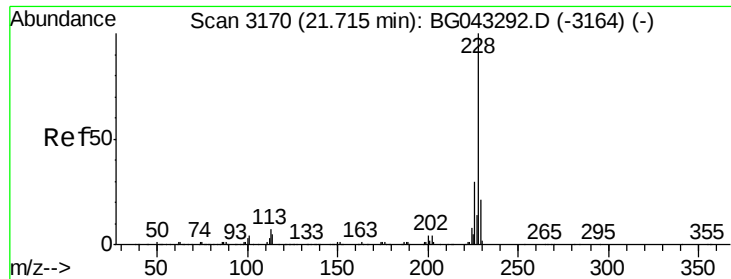
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





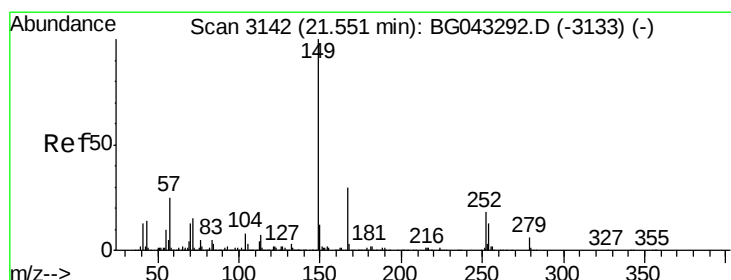
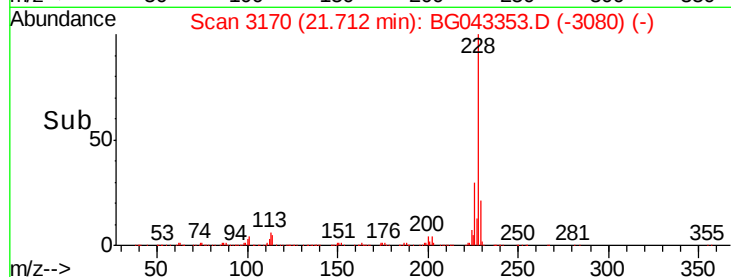
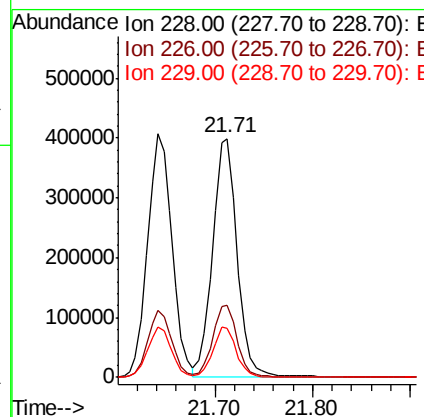
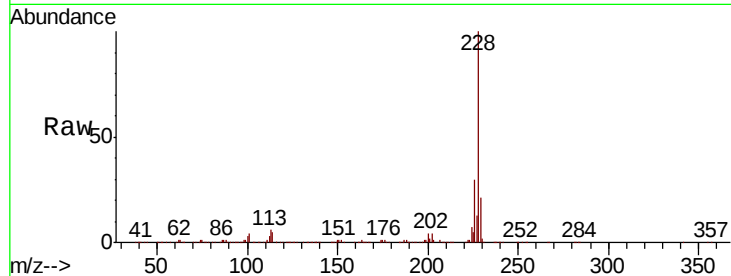
#83
 Chrysene
 Concen: 39.156 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Instrument :
 BNA_G
 ClientSampleID :
 PB124310BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	20.8	16.3	24.5

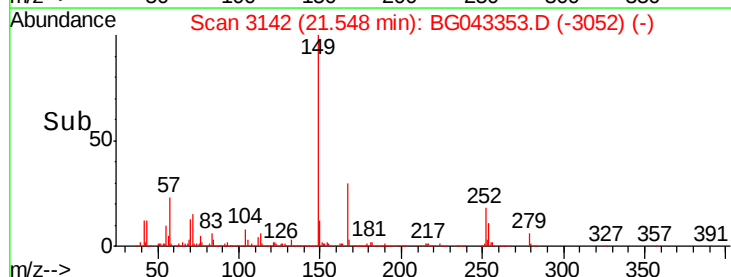
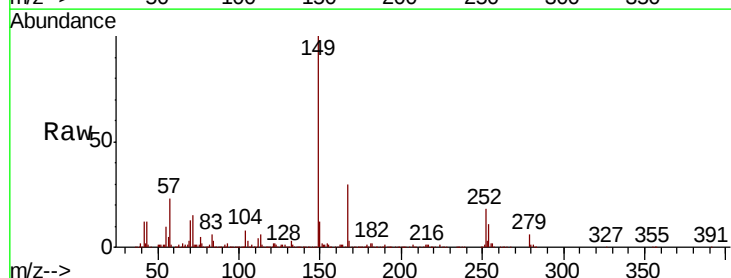
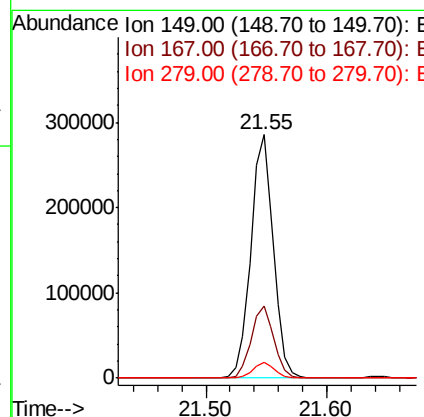
Manual Integrations
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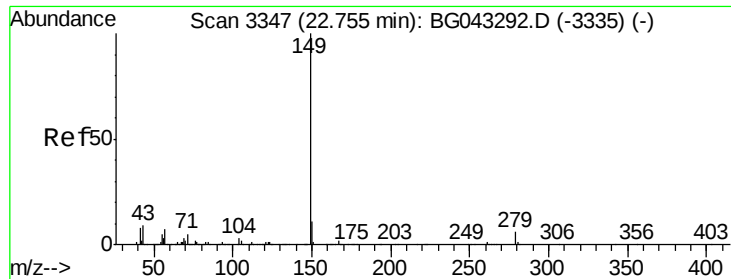
mohammad
 10/29/2019 3:34:35 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.142 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043353.D
 Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.9	35.9
279	6.4	4.8	7.2





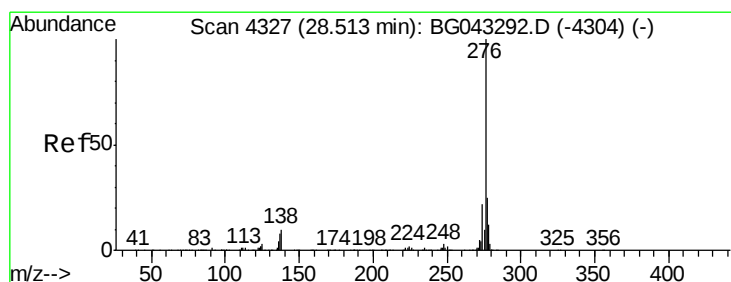
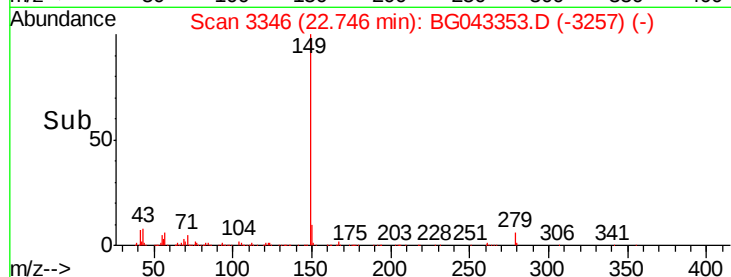
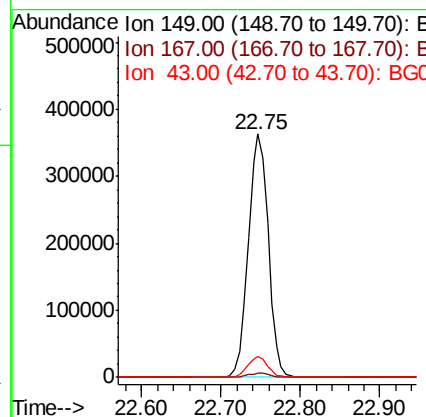
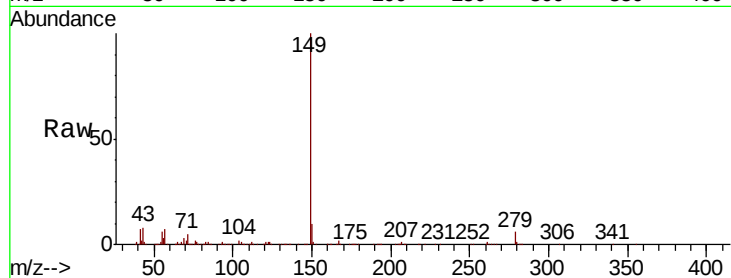
#85
Di-n-octyl phthalate
Concen: 39.524 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.4	6.9	10.3

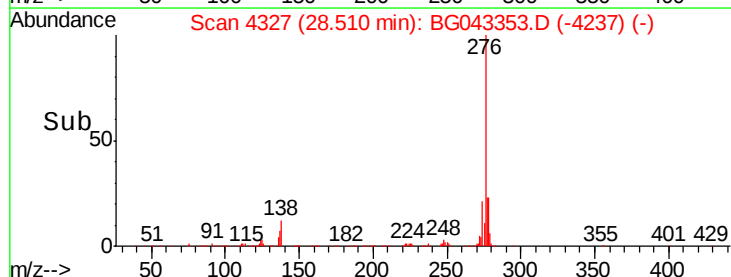
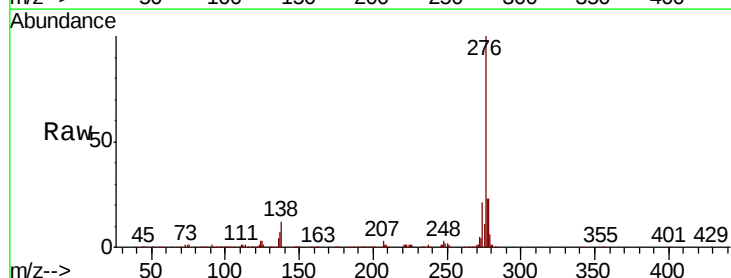
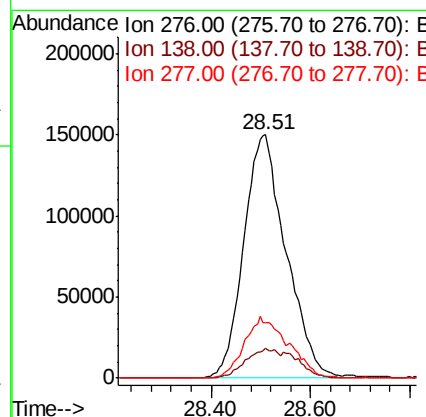
Manual Integrations
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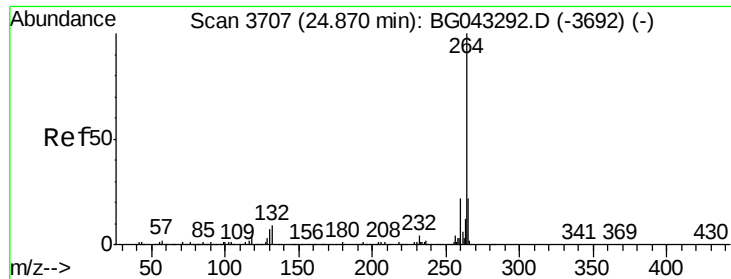
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.855 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.00 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	9.3	7.2	10.8
277	26.1	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Instrument :

BNA_G

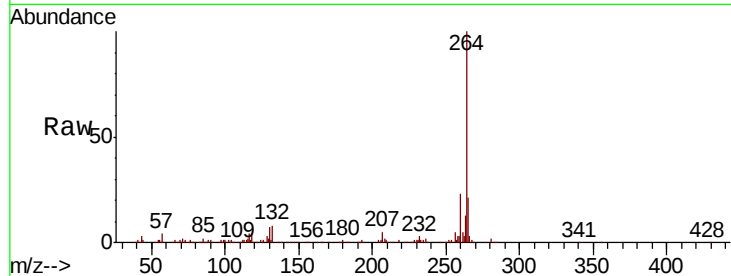
ClientSampleId :

PB124310BS

Tot Ion:	264	Resp:	325085
Ion Ratio		Lower	Upper
264	100		
260	22.6	17.9	26.9
265	21.4	17.4	26.2

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

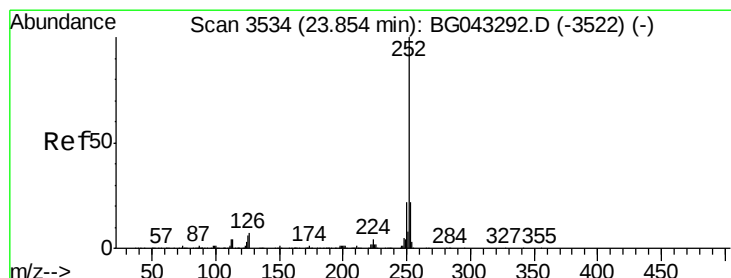
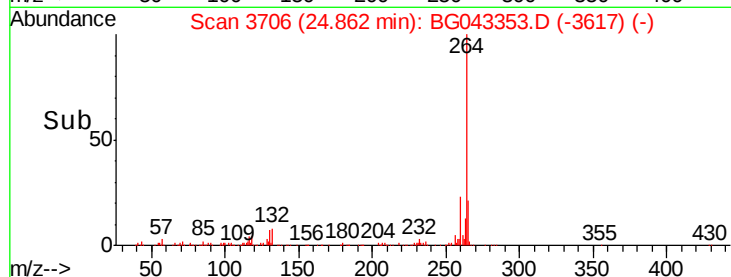
24.86

100000

50000

0

Time-->



#88

Benzo(b)fluoranthene

Concen: 40.767 ng

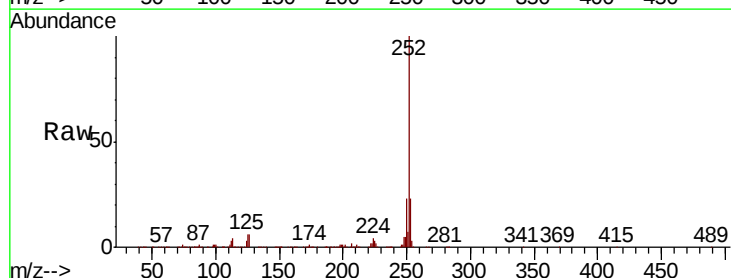
RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043353.D

Acq: 28 Oct 2019 17:01

Tgt Ion:	252	Resp:	750592
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.4	26.2
125	6.0	5.0	7.6



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

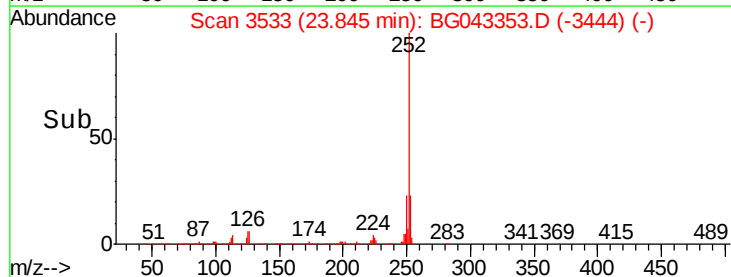
300000

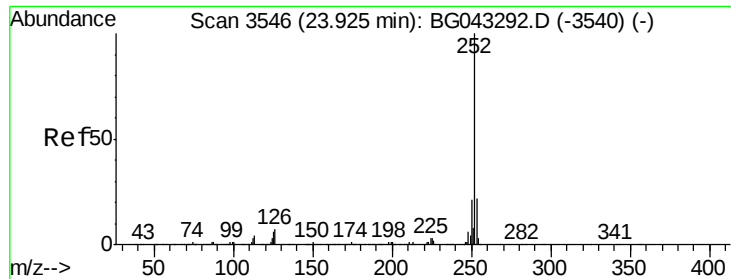
200000

100000

0

Time-->





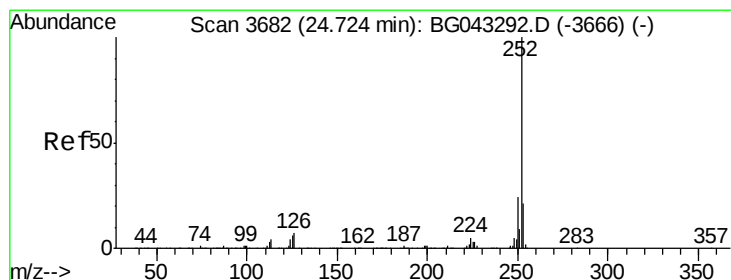
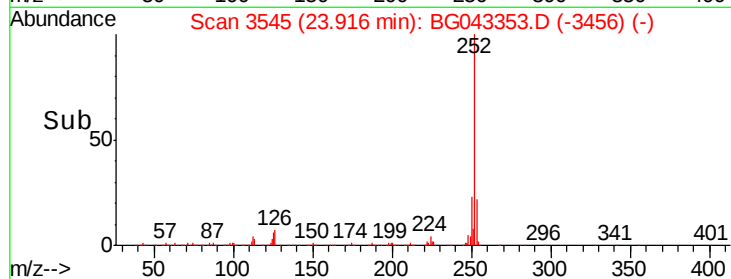
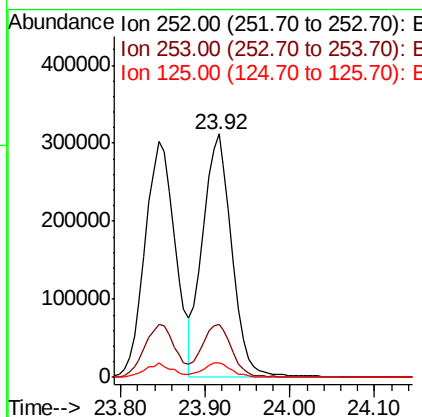
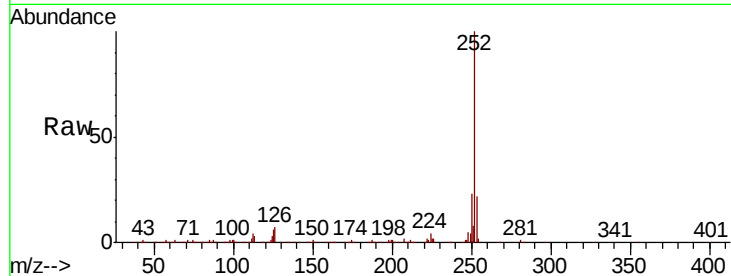
#89
Benzo(k)fluoranthene
Concen: 40.450 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	5.9	4.5	6.7

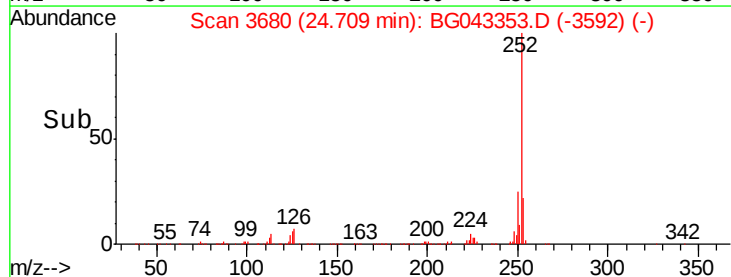
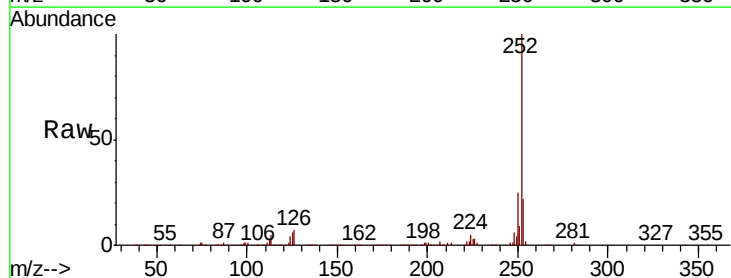
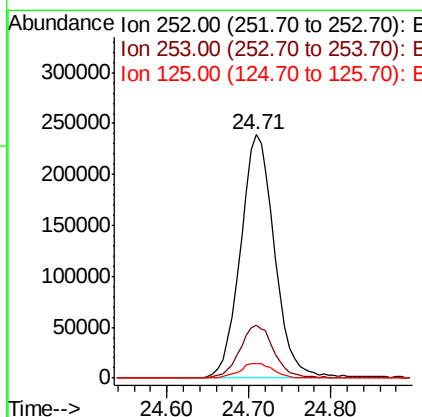
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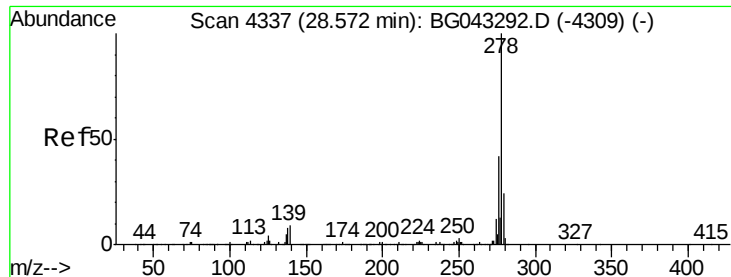
mohammad
10/29/2019 3:34:35 PM



#90
Benzo(a)pyrene
Concen: 39.257 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	6.1	5.0	7.6





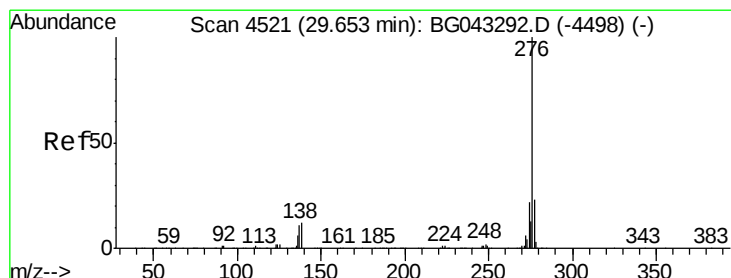
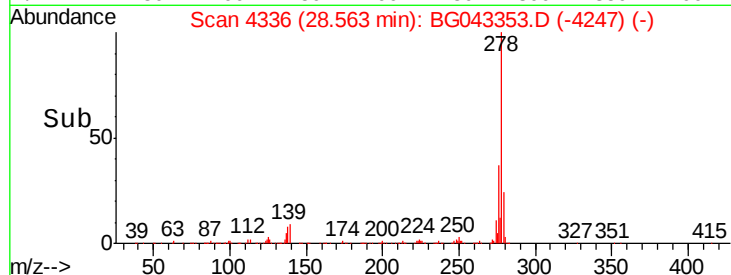
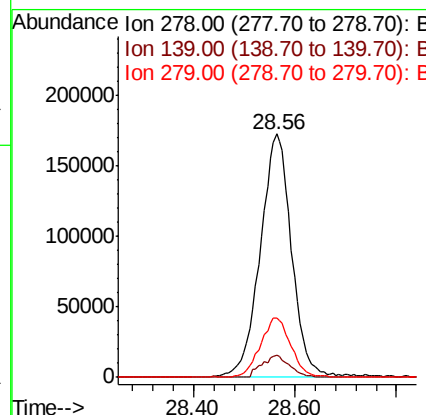
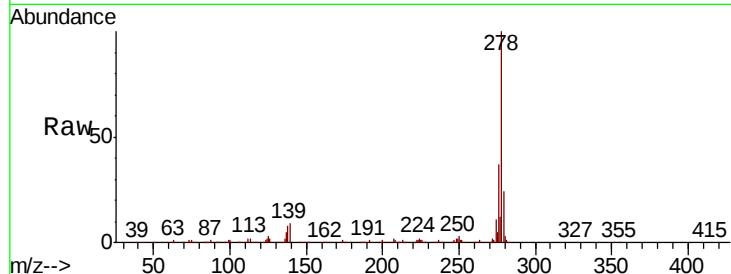
#91
Dibenzo(a,h)anthracene
Concen: 41.104 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	6.8	10.2
279	24.1	19.0	28.6

Manual Integrations
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mohammad
10/29/2019 3:34:35 PM



#92
Benzo(g,h,i)perylene
Concen: 41.660 ng
RT: 29.64 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043353.D
Acq: 28 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.3	27.5
138	11.7	9.3	13.9

