

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041306.D
 Acq On : 18 Jun 2019 20:38
 Operator : HP/JU
 Sample : K3409-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-1MSD

Manual Integrations
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mohammad
 6/21/2019 9:56:58 PM

Quant Time: Jun 19 06:59:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38087	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	143674	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	101078	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	254596	20.00	ng	0.00
76) Chrysene-d12	21.74	240	259324	20.00	ng	0.00
87) Perylene-d12	25.04	264	283765	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	237216	114.44	ng	0.00
7) Phenol-d6	7.24	99	339091	112.86	ng	0.00
23) Nitrobenzene-d5	9.26	82	232344	68.01	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	148190	95.50	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	381684	51.32	ng	0.00
79) Terphenyl-d14	20.06	244	682386	52.15	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	29808	28.677 ng	94
3) Pyridine	3.89	79	71739	26.017 ng	94
4) n-Nitrosodimethylamine	3.81	42	52210	35.505 ng	99
6) Aniline	7.41	93	45588	10.916 ng	94
8) 2-Chlorophenol	7.64	128	91793	37.688 ng	97
9) Benzaldehyde	7.22	77	22388	11.650 ng	95
10) Phenol	7.26	94	125139	38.730 ng	96
11) bis(2-Chloroethyl)ether	7.49	93	86579	35.316 ng	95
12) 1,3-Dichlorobenzene	7.96	146	101677	33.341 ng	93
13) 1,4-Dichlorobenzene	8.12	146	102543	32.917 ng	96
14) 1,2-Dichlorobenzene	8.43	146	99270	33.363 ng	92
15) Benzyl Alcohol	8.32	79	99898	34.702 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	131422	32.747 ng	97
17) 2-Methylphenol	8.52	107	83118	35.983 ng	98
18) Hexachloroethane	9.16	117	40149	32.524 ng	90
19) n-Nitroso-di-n-propylamine	8.89	70	79611	32.760 ng	95
20) 3+4-Methylphenols	8.85	107	115934	37.701 ng	97
22) Acetophenone	8.91	105	150976	36.111 ng	97
24) Nitrobenzene	9.30	77	127624	37.145 ng	98
25) Isophorone	9.81	82	225966	36.053 ng	98
26) 2-Nitrophenol	10.01	139	52322	37.562 ng	93
27) 2,4-Dimethylphenol	10.06	122	87672	41.989 ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	116436	35.655 ng	98
29) 2,4-Dichlorophenol	10.54	162	103139	39.839 ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	114125	34.420 ng	96
31) Naphthalene	10.95	128	282717	36.206 ng	98
32) Benzoic acid	10.20	122	46123	33.934 ng	94
33) 4-Chloroaniline	11.07	127	29729	8.965 ng	97
34) Hexachlorobutadiene	11.21	225	87106	33.097 ng	94
35) Caprolactam	11.85	113	29118m	32.670 ng	
36) 4-Chloro-3-methylphenol	12.18	107	112597	37.653 ng	98
37) 2-Methylnaphthalene	12.55	142	205190	35.678 ng	98
38) 1-Methylnaphthalene	12.77	142	198027	35.989 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	155995	37.375 ng	98

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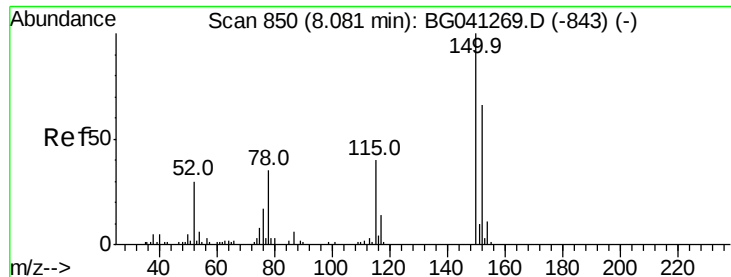
Manual Integrations
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 6/21/2019 9:56:58 PM

Quant Time: Jun 19 06:59:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	163565	58.178	nq	96
43) 2,4,6-Trichlorophenol	13.15	196	97486	37.757	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	106460	40.072	nq	97
46) 1,1'-Biphenyl	13.55	154	282356	36.951	nq	98
47) 2-Chloronaphthalene	13.60	162	234737	35.680	nq	99
48) 2-Nitroaniline	13.81	65	83528	34.667	nq	88
49) Acenaphthylene	14.44	152	358731	35.934	nq	100
50) Dimethylphthalate	14.16	163	361060	40.147	nq	99
51) 2,6-Dinitrotoluene	14.30	165	66686	35.166	nq	95
52) Acenaphthene	14.78	154	207640	35.420	nq	97
53) 3-Nitroaniline	14.63	138	25376	13.582	nq	95
54) 2,4-Dinitrophenol	14.84	184	73840	55.719	nq	92
55) Dibenzofuran	15.11	168	362566	35.572	nq	100
56) 4-Nitrophenol	14.94	139	101359	71.758	nq	97
57) 2,4-Dinitrotoluene	15.08	165	97372m	35.127	nq	
58) Fluorene	15.76	166	287367	35.841	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	105675	38.465	nq	# 98
60) Diethylphthalate	15.51	149	310045	33.917	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	179948	34.495	nq	96
62) 4-Nitroaniline	15.80	138	61114	30.584	nq	97
63) Azobenzene	16.04	77	288877	35.423	nq	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	53519	32.386	nq	91
66) n-Nitrosodiphenylamine	15.97	169	258840	38.289	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	118382	35.960	nq	97
68) Hexachlorobenzene	16.75	284	119868	34.003	nq	# 94
69) Atrazine	16.91	200	114616	50.596	nq	95
70) Pentachlorophenol	17.11	266	148113	82.052	nq	100
71) Phenanthrene	17.51	178	497340	36.627	nq	99
72) Anthracene	17.59	178	510064	38.103	nq	99
73) Carbazole	17.87	167	445177	38.016	nq	97
74) Di-n-butylphthalate	18.40	149	515888	35.307	nq	99
75) Fluoranthene	19.51	202	659984	36.586	nq	99
77) Benzidine	19.69	184	145571	23.208	nq	98
78) Pyrene	19.87	202	666668	38.119	nq	100
80) Butylbenzylphthalate	20.74	149	243392	36.793	nq	95
81) Benzo(a)anthracene	21.72	228	641978	36.562	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	89218	14.475	nq	95
83) Chrysene	21.78	228	626958	37.130	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	336138	37.286	nq	98
85) Di-n-octyl phthalate	22.82	149	564245	36.994	nq	99
86) Indeno(1,2,3-cd)pyrene	28.85	276	733085	36.593	nq	99
88) Benzo(b)fluoranthene	23.99	252	633804	36.040	nq	98
89) Benzo(k)fluoranthene	24.06	252	620072	35.593	nq	99
90) Benzo(a)pyrene	24.89	252	618617	37.247	nq	98
91) Dibenzo(a,h)anthracene	28.92	278	603774	36.110	nq	96
92) Benzo(g,h,i)perylene	30.06	276	592733	35.871	nq	97

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



#1

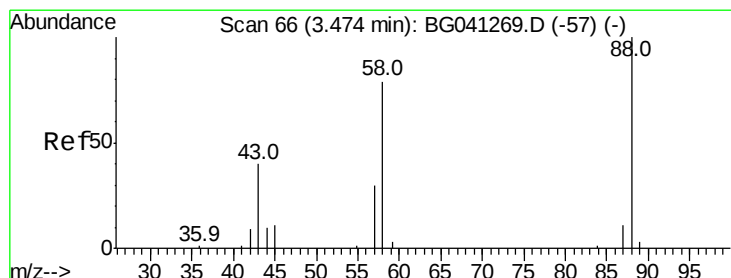
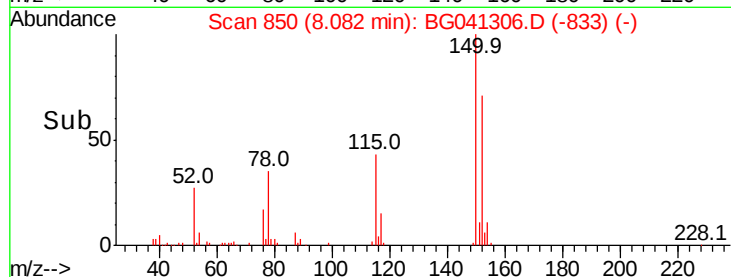
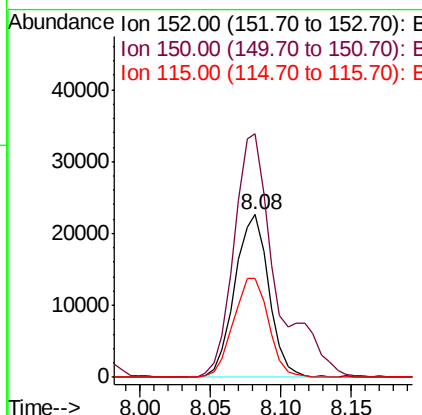
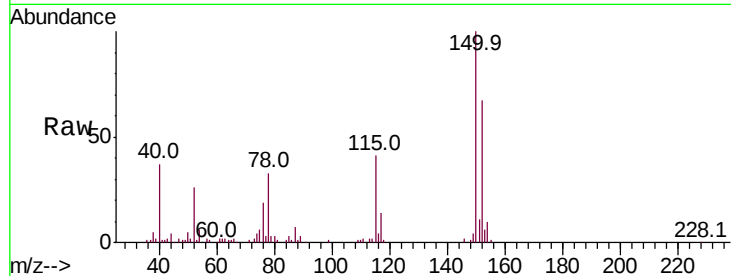
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	120.6	181.0
115	60.8	47.9	71.9

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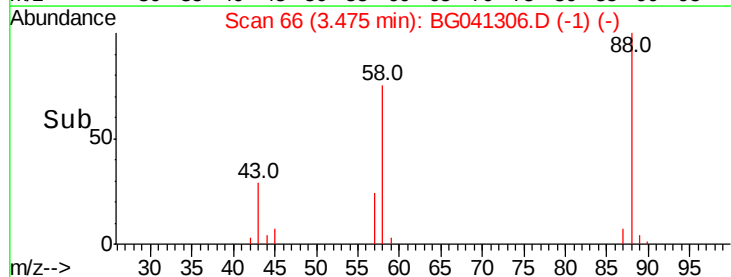
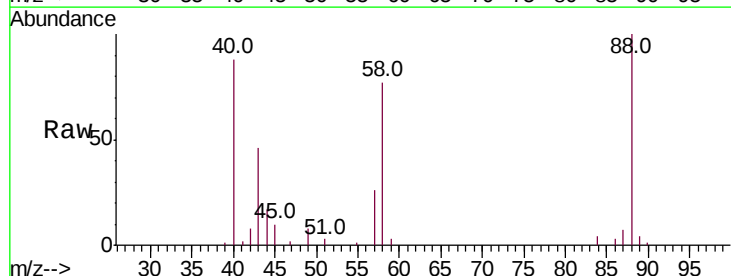
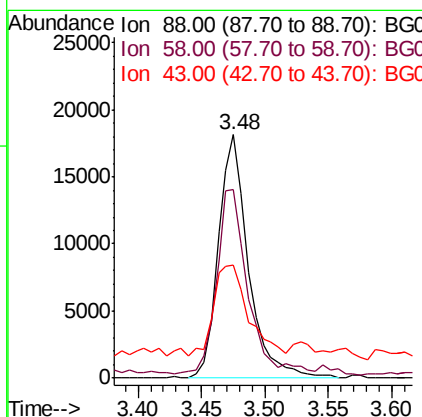
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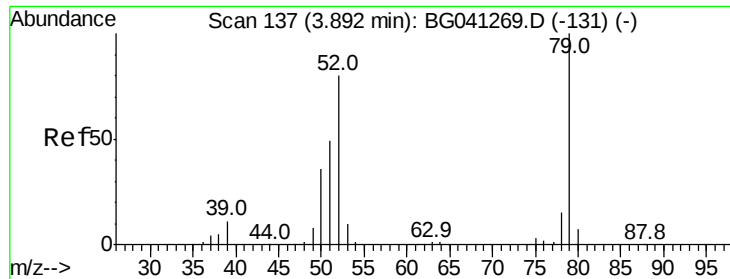


#2

1,4-Dioxane
Concen: 28.677 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	59.7	89.5
43	43.0	31.9	47.9





#3

Pvridine

Concen: 26.017 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

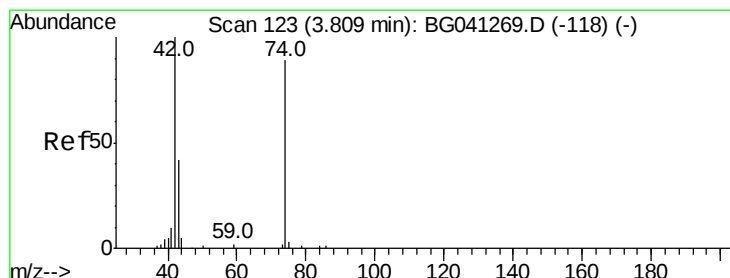
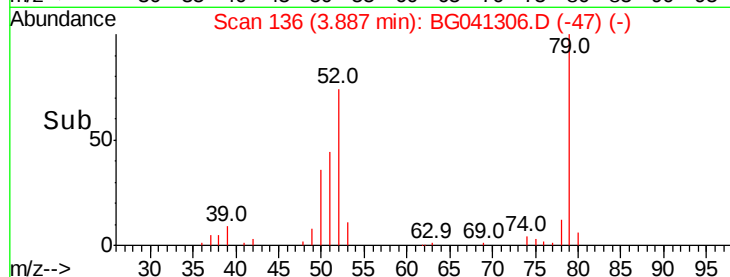
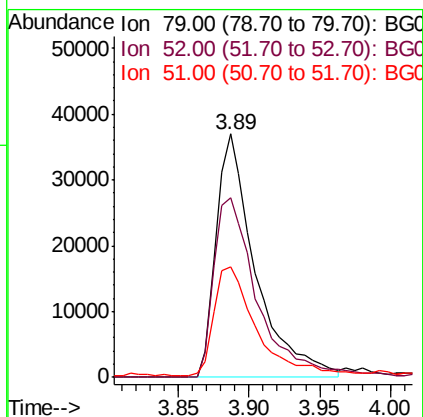
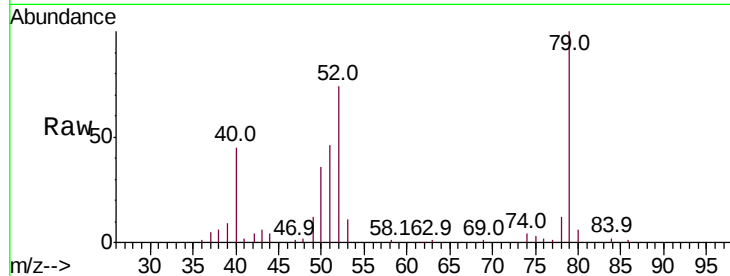
ClientSampleId :

T-1MSD

Tot Ion:	79	Resp:	71739
Ion	Ratio	Lower	Upper
79	100		
52	73.6	63.6	95.4
51	45.6	39.8	59.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.505 ng

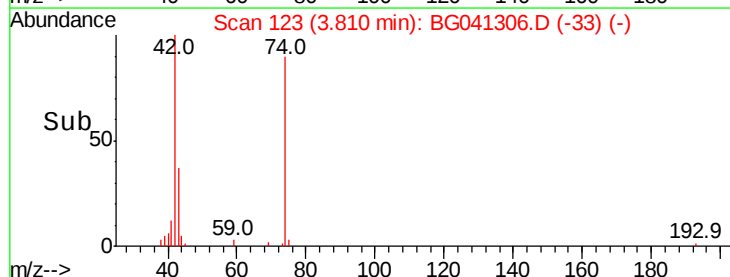
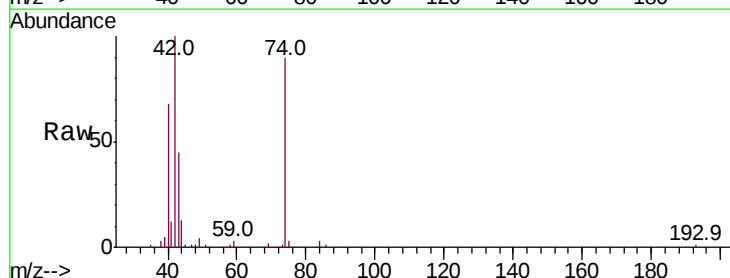
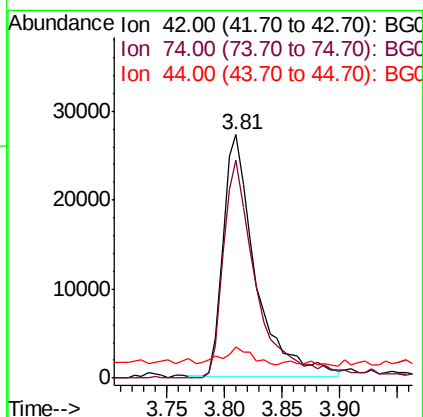
RT: 3.81 min Scan# 123

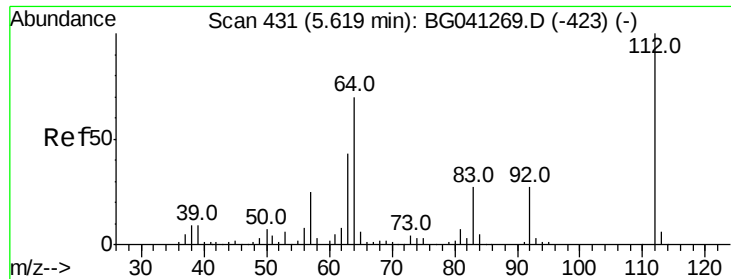
Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	42	Resp:	52210
Ion	Ratio	Lower	Upper
42	100		
74	89.5	71.6	107.4
44	13.0	9.0	13.4





#5

2-Fluorophenol

Concen: 114.439 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

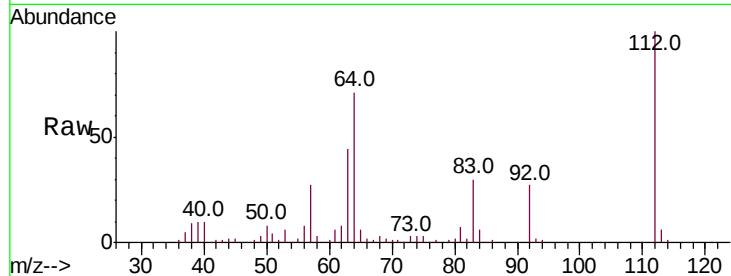
ClientSampleId :

T-1MSD

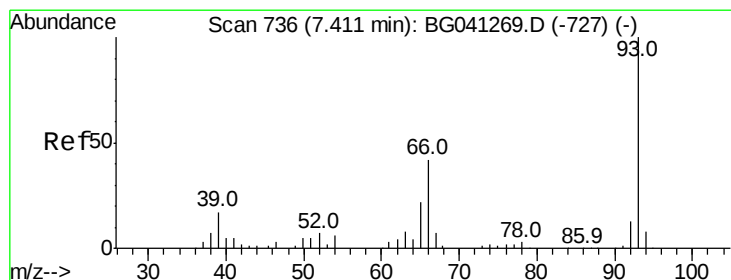
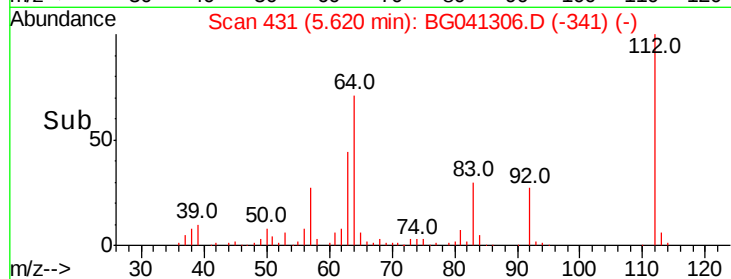
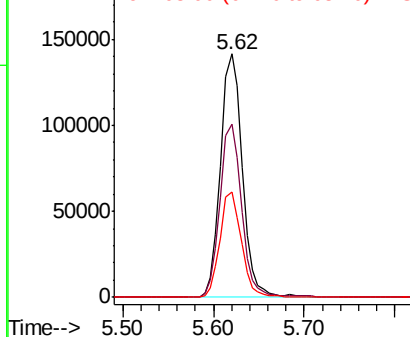
Tot Ion:	112	Resp:	237216
Ion Ratio	Lower	Upper	
112	100		
64	71.2	55.9	83.9
63	43.5	34.6	51.8

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



#6

Aniline

Concen: 10.916 ng

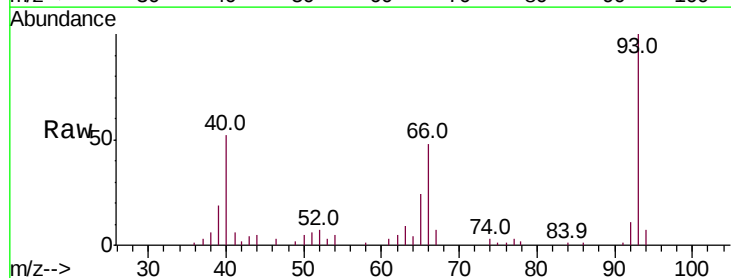
RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

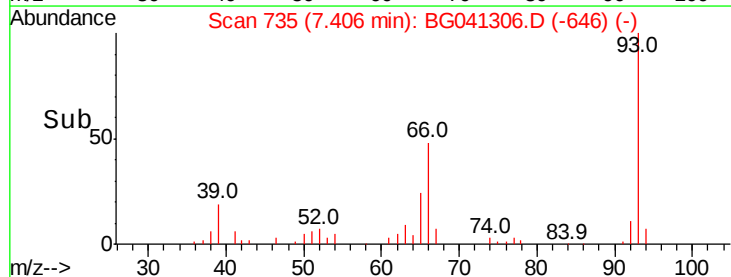
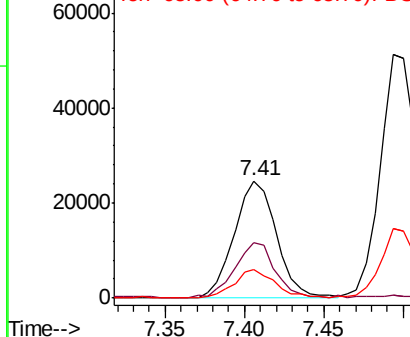
Lab File: BG041306.D

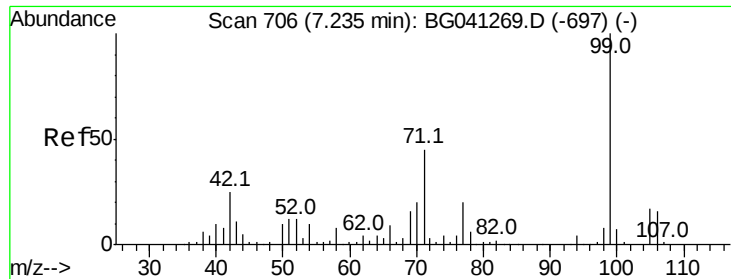
Acq: 18 Jun 2019 20:38

Tgt Ion:	93	Resp:	45588
Ion Ratio	Lower	Upper	
93	100		
66	47.6	34.2	51.2
65	23.9	17.7	26.5



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





#7

Phenol-d6

Concen: 112.856 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

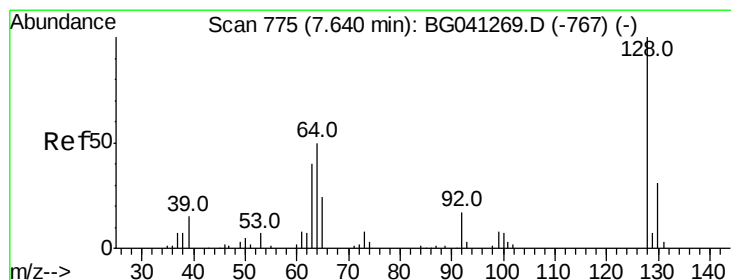
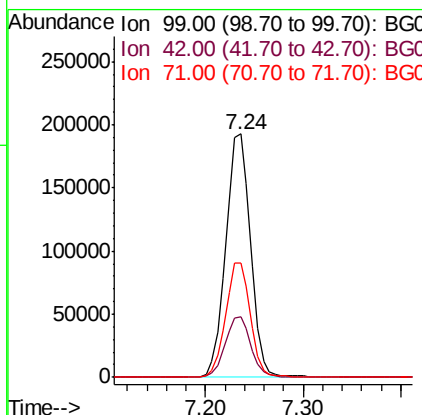
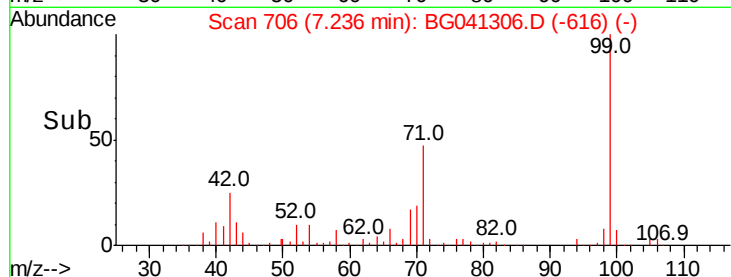
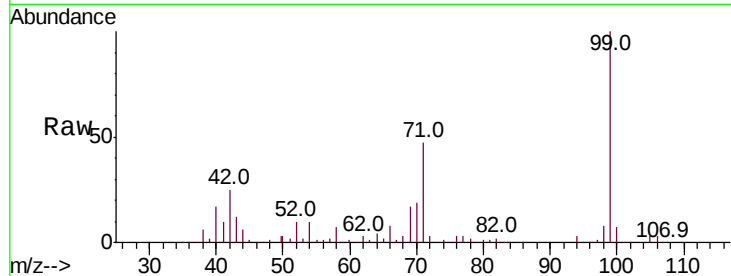
ClientSampled :

T-1MSD

Tot Ion:	99	Resp:	339091
Ion Ratio	Lower	Upper	
99	100		
42	25.1	19.9	29.9
71	46.7	36.4	54.6

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#8

2-Chlorophenol

Concen: 37.688 ng

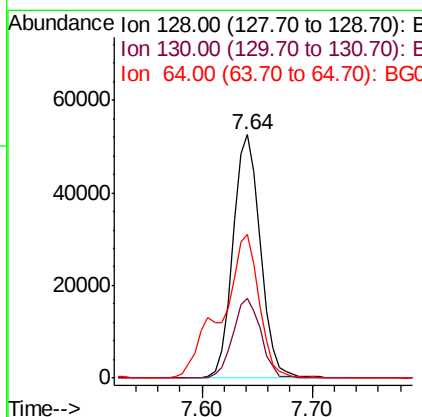
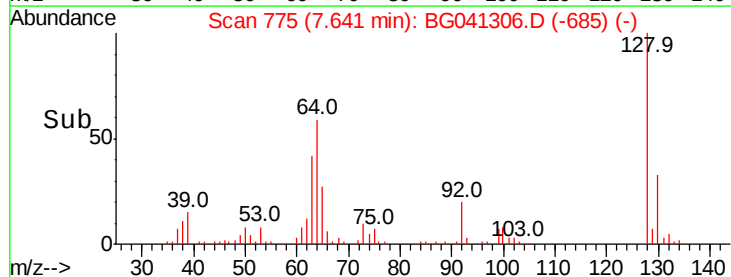
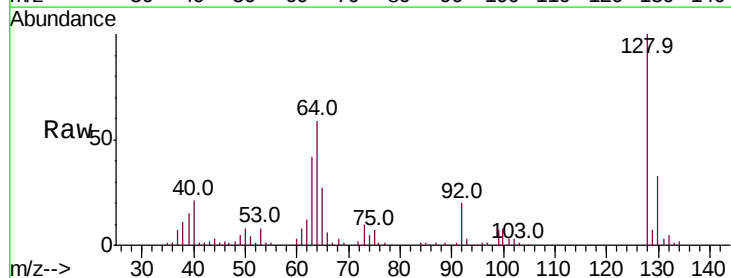
RT: 7.64 min Scan# 775

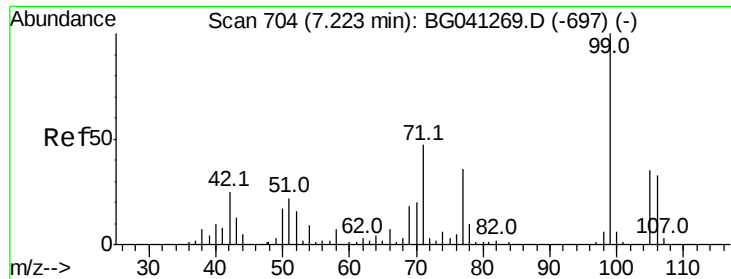
Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	128	Resp:	91793
Ion Ratio	Lower	Upper	
128	100		
130	32.6	11.1	51.1
64	59.0	36.6	76.6





#9

Benzaldehyde

Concen: 11.650 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

ClientSampleId :

T-1MSD

Tot Ion: 77 Resp: 22388

Ion Ratio Lower Upper

77 100

105 100.0 78.7 118.7

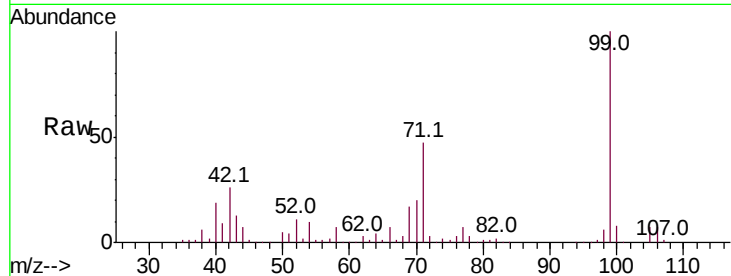
106 99.3 71.1 111.1

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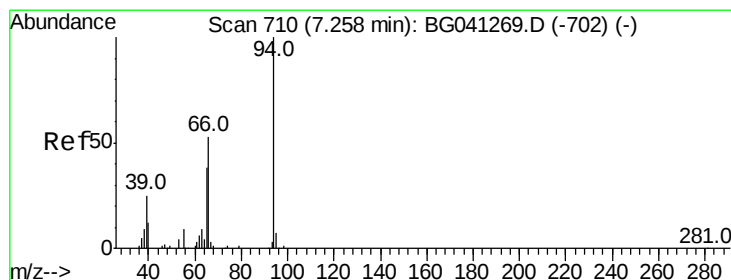
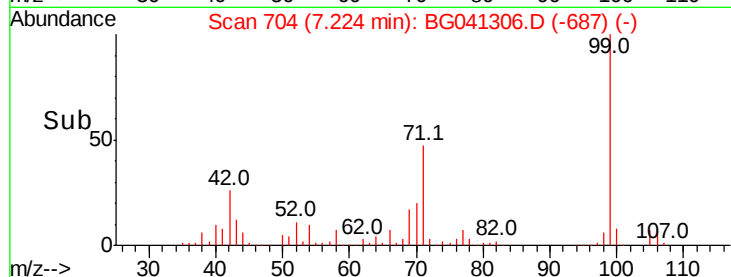
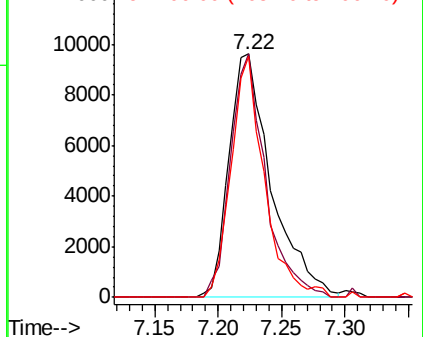
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.730 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

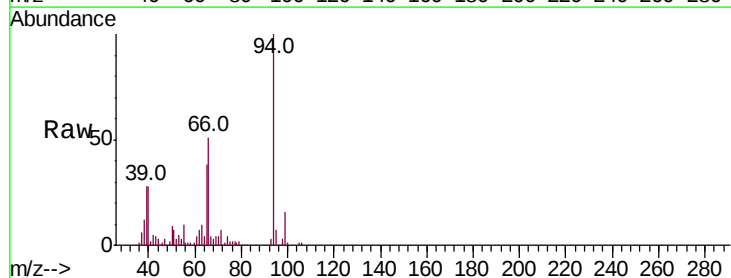
Tgt Ion: 94 Resp: 125139

Ion Ratio Lower Upper

94 100

65 37.5 18.7 58.7

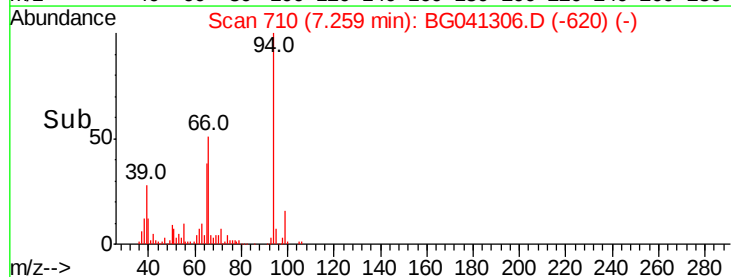
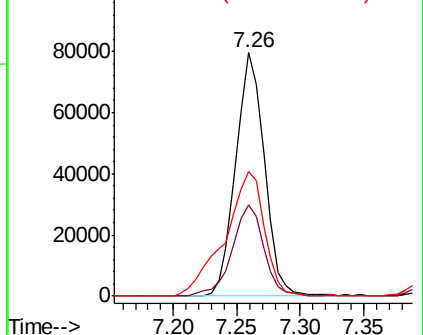
66 51.3 35.5 75.5

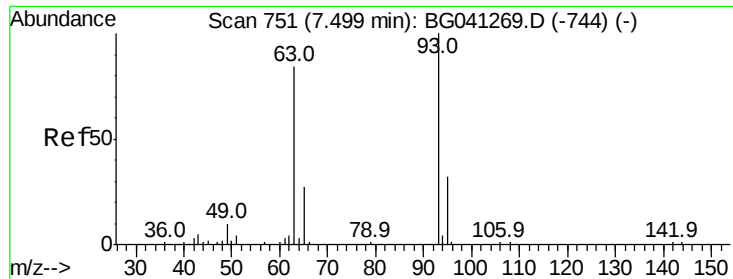


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





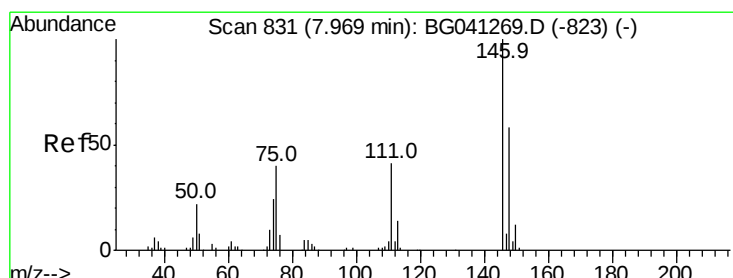
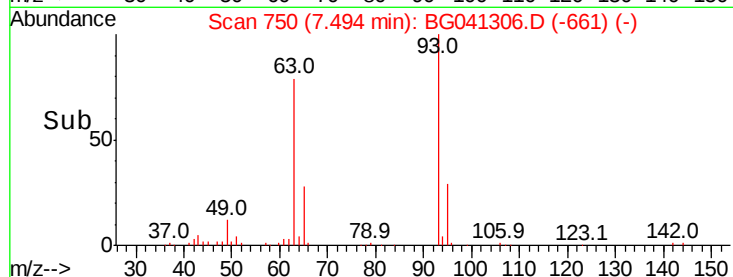
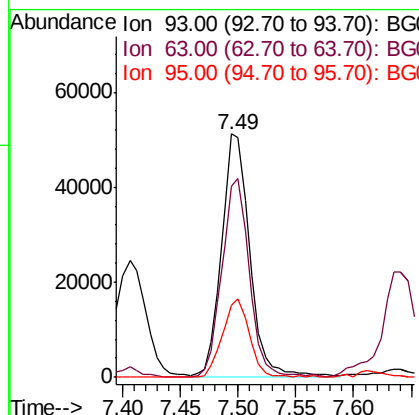
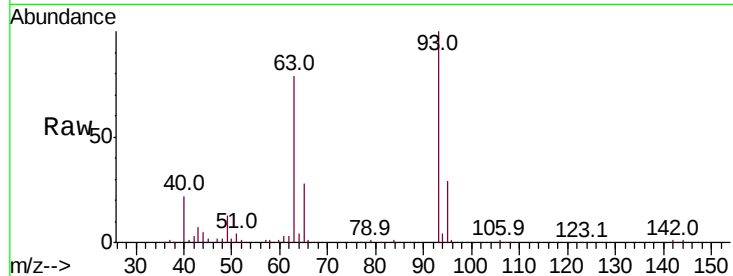
#11
bis(2-Chloroethyl)ether
Concen: 35.316 ng
RT: 7.49 min Scan# 750
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion:	93	Resp:	86579
Ion	Ratio	Lower	Upper
93	100		
63	78.6	63.6	103.6
95	29.4	11.2	51.2

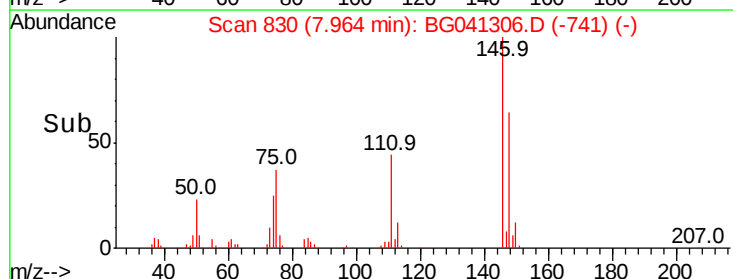
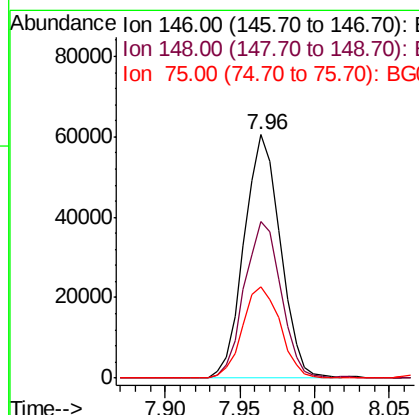
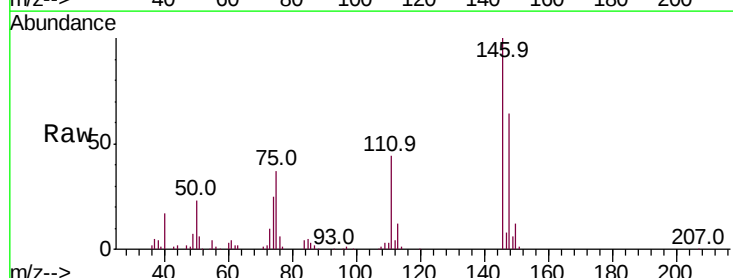
Manual Integrations
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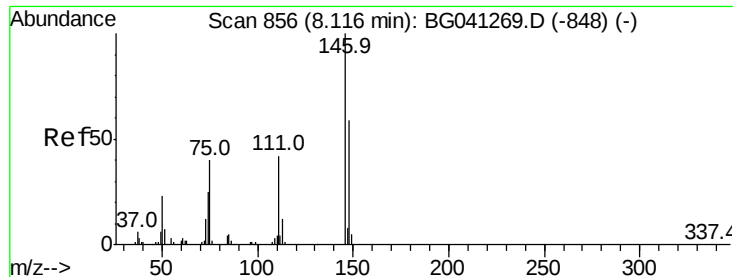
mohammad
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#12
1,3-Dichlorobenzene
Concen: 33.341 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion:	146	Resp:	101677
Ion	Ratio	Lower	Upper
146	100		
148	64.1	46.5	69.7
75	37.4	32.2	48.4





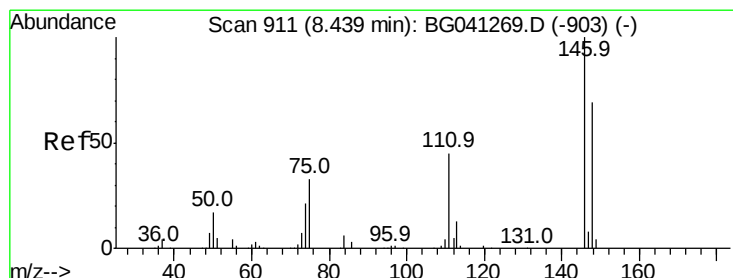
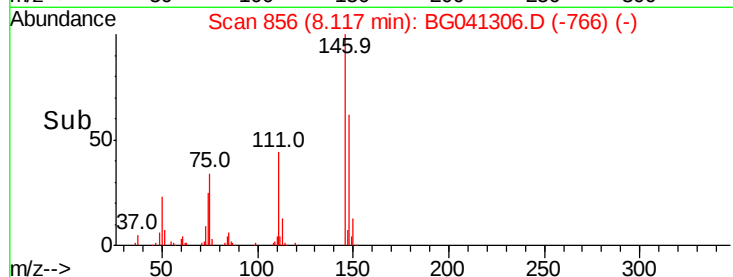
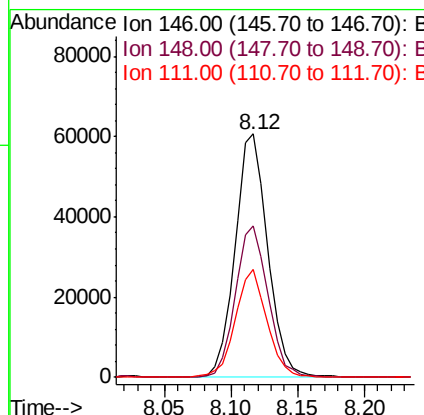
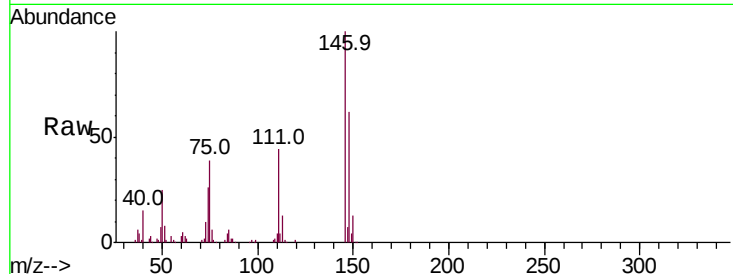
#13
1,4-Dichlorobenzene
Concen: 32.917 ng
RT: 8.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	47.3	70.9
111	44.4	33.4	50.0

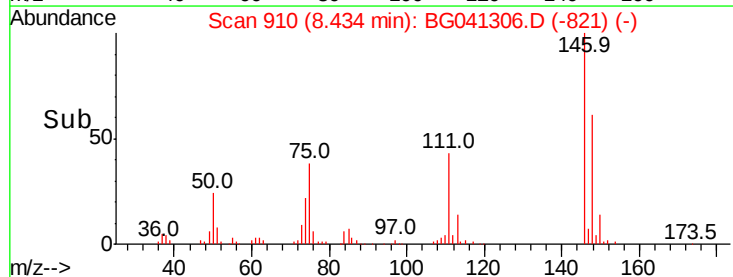
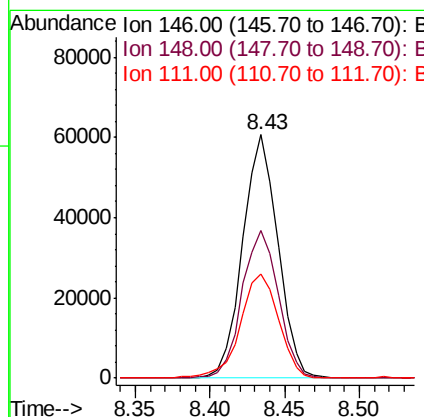
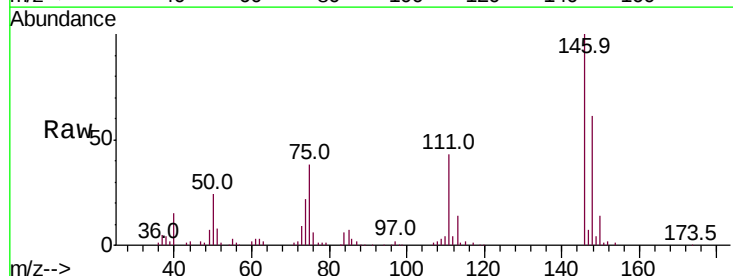
Manual Integrations
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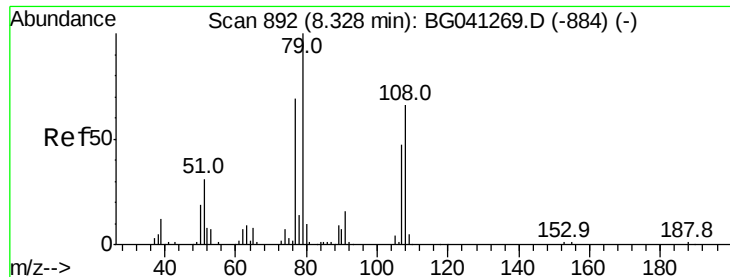
mohammad
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#14
1,2-Dichlorobenzene
Concen: 33.363 ng
RT: 8.43 min Scan# 910
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.7	54.9	82.3
111	42.9	37.0	55.6





#15

Benzyl Alcohol

Concen: 34.702 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

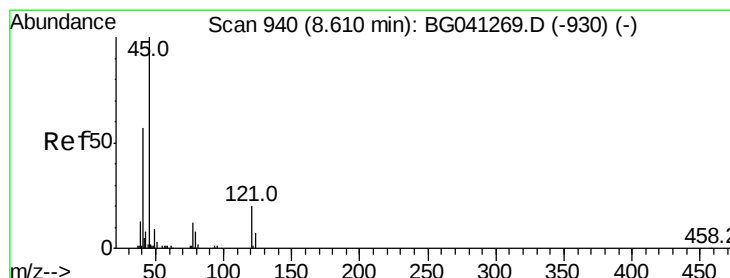
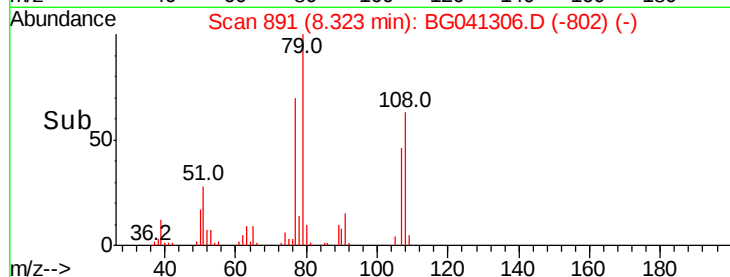
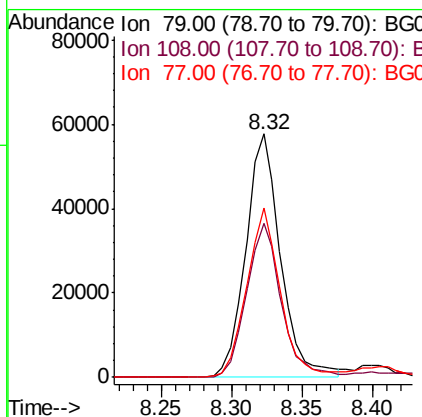
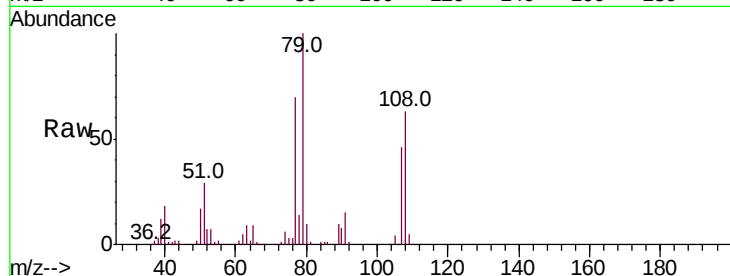
ClientSampleId :

T-1MSD

Tot Ion:	79	Resp:	99898
Ion Ratio	Lower	Upper	
79	100		
108	63.0	52.7	79.1
77	69.7	55.2	82.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.747 ng

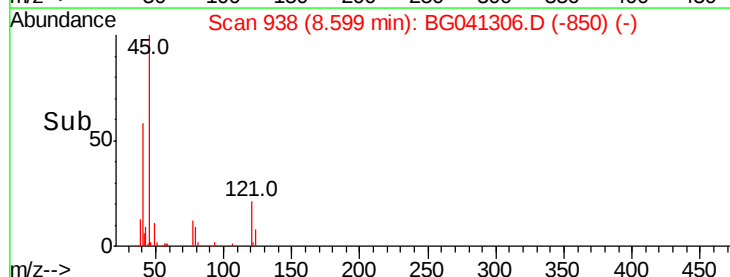
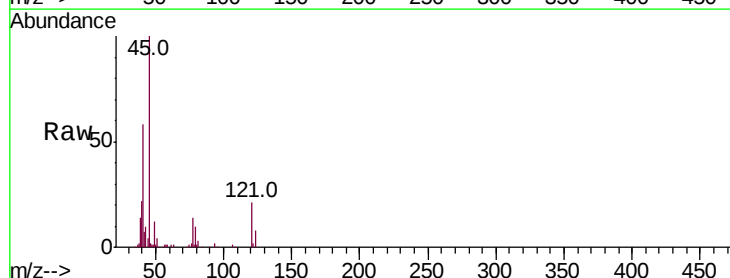
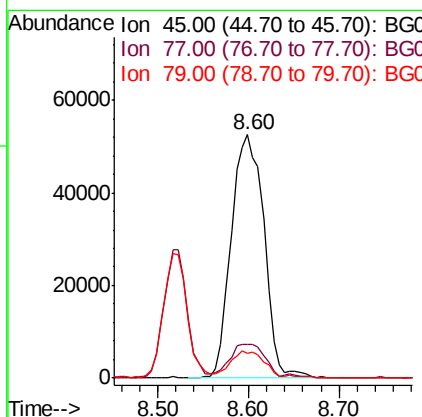
RT: 8.60 min Scan# 938

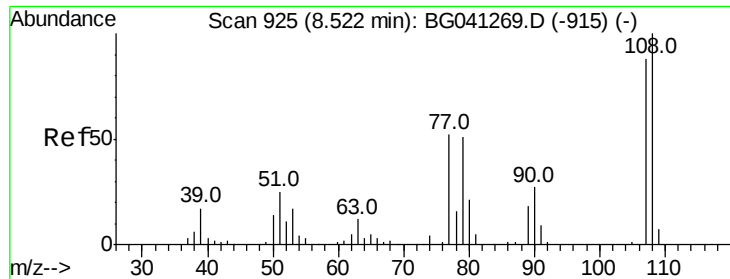
Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	45	Resp:	131422
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	35.2
79	10.3	0.0	31.6





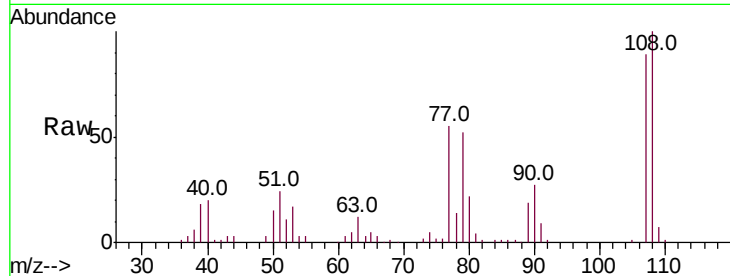
#17
2-Methylphenol
Concen: 35.983 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	91.7	137.5	
77	61.4	47.8	71.8	
79	58.7	46.8	70.2	

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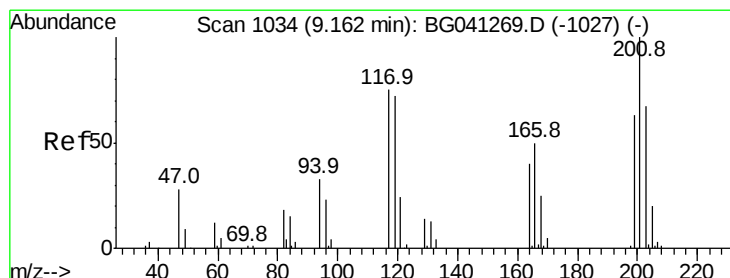
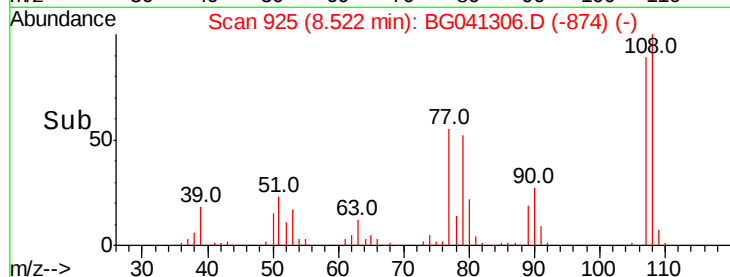
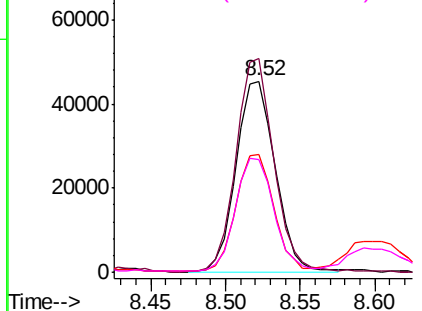
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

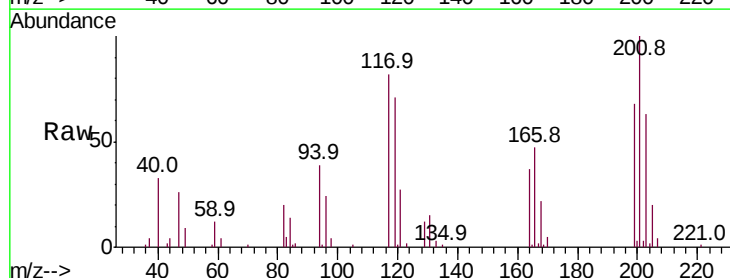
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.524 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	86.0	76.8	115.2	
201	121.6	106.3	159.5	

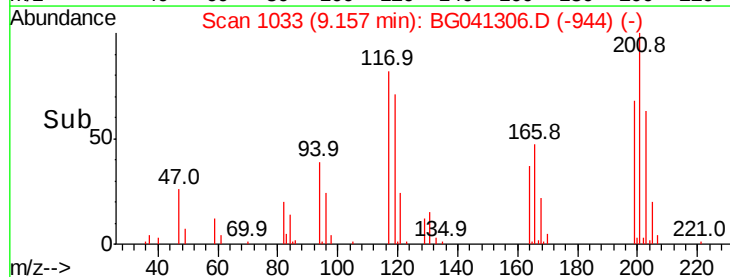
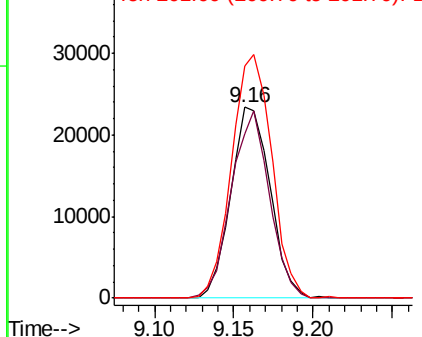


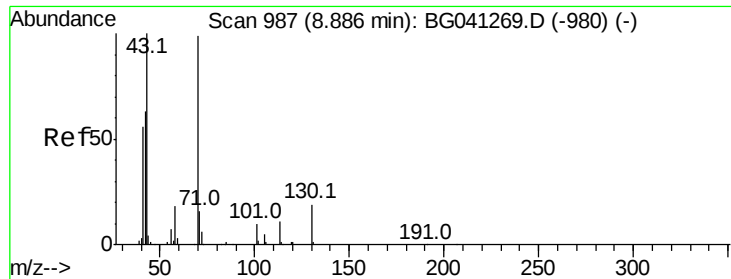
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





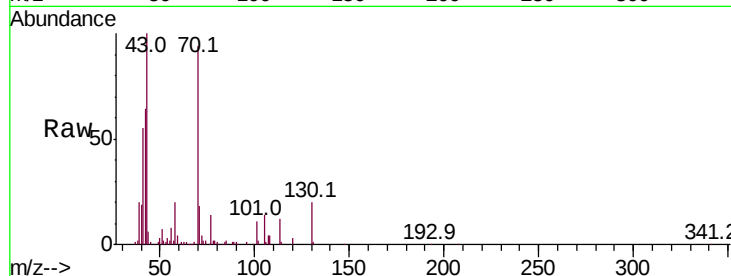
#19
n-Nitroso-di-n-propylamine
Concen: 32.760 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.0	51.4	77.2	
101	11.5	8.2	12.2	
130	21.2	15.2	22.8	

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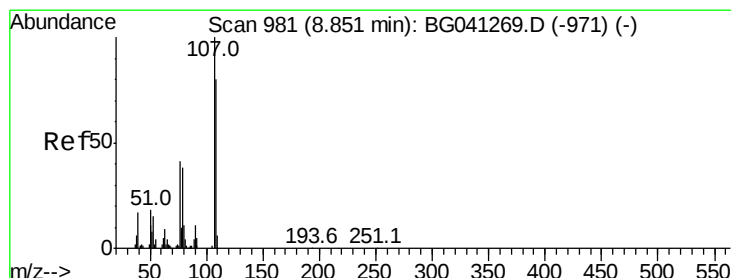
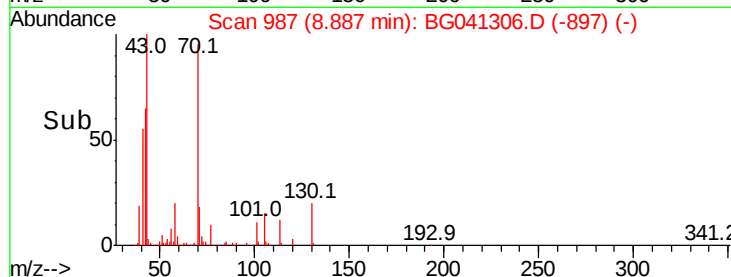
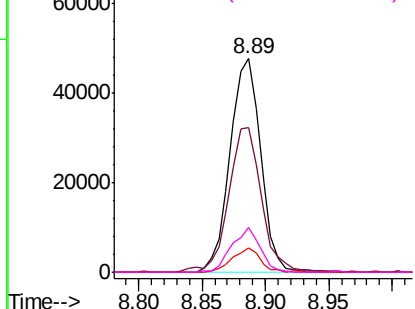
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 37.701 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.6	60.4	100.4	
77	43.2	21.2	61.2	
79	37.3	17.7	57.7	

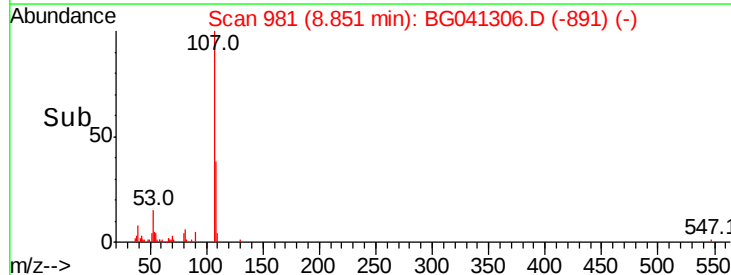
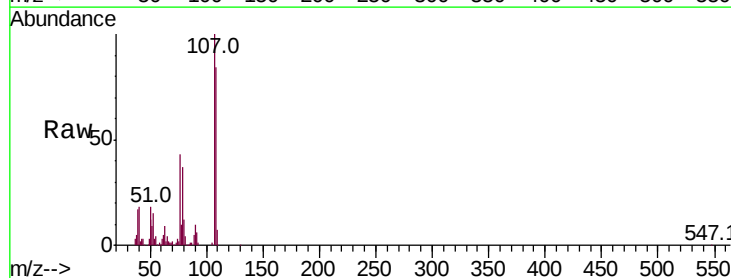
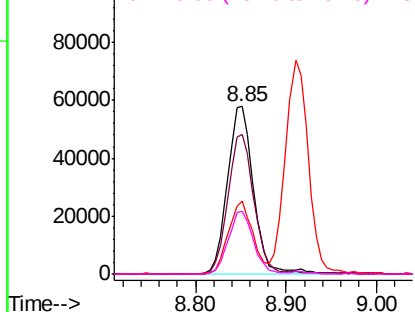
Abundance

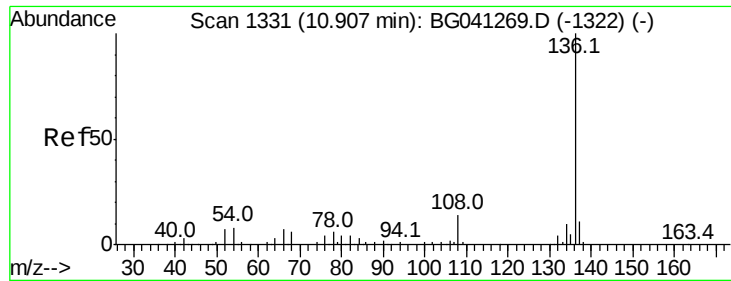
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





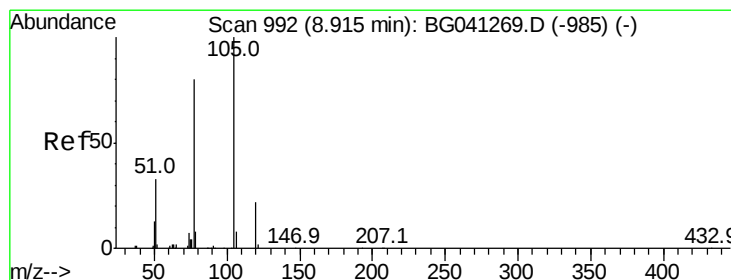
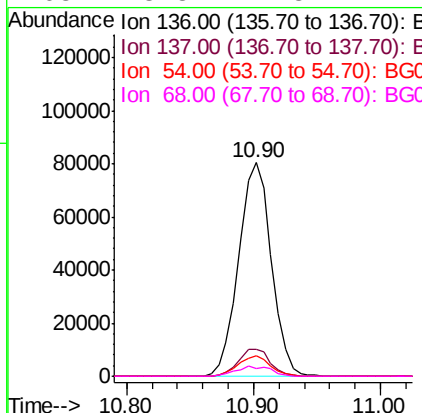
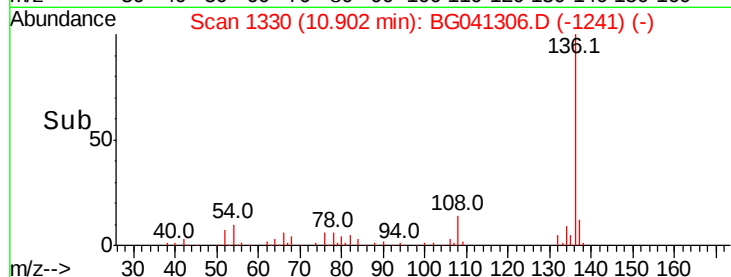
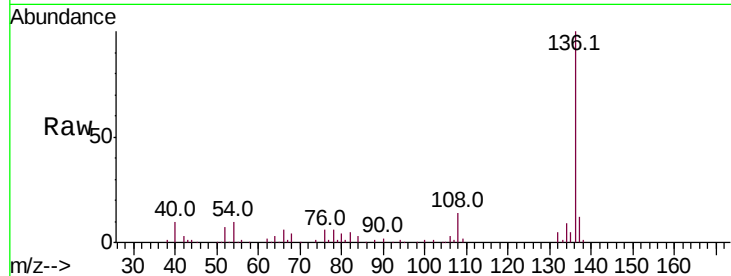
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	143674		
137	12.4	8.8	13.2	
54	9.9	6.4	9.6	
68	3.8	4.8	7.2	

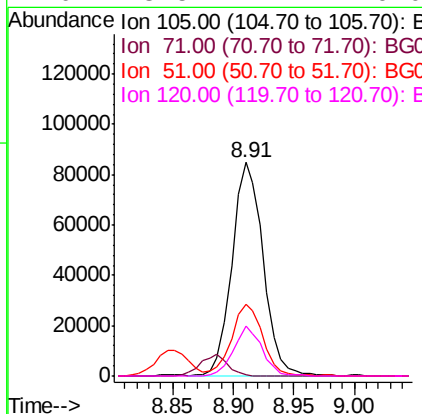
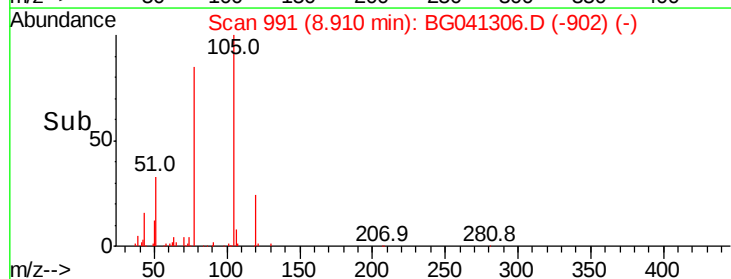
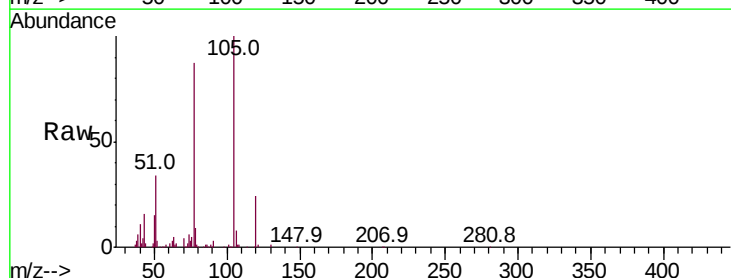
Manual Integrations
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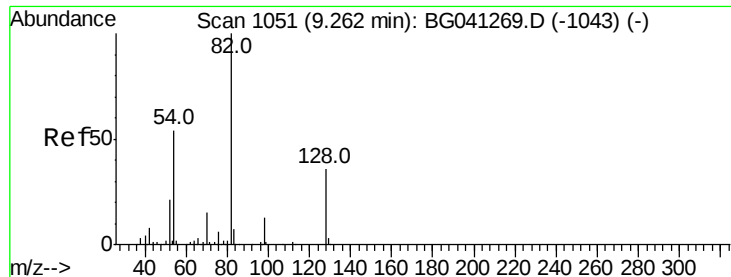
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#22
Acetophenone
Concen: 36.111 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150976		
71	0.4	0.4	0.6	
51	33.9	28.2	42.4	
120	23.5	17.4	26.0	





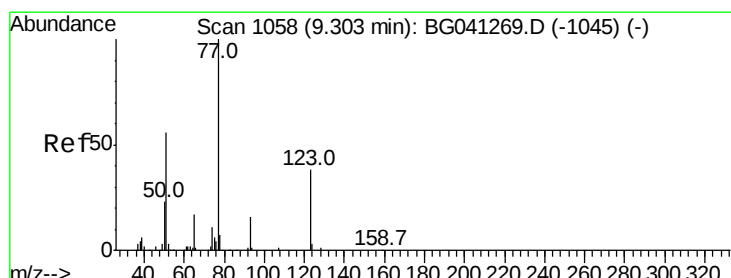
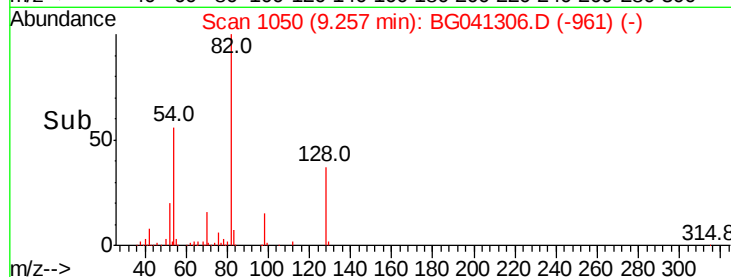
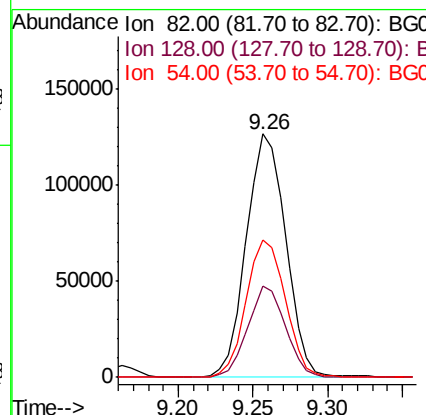
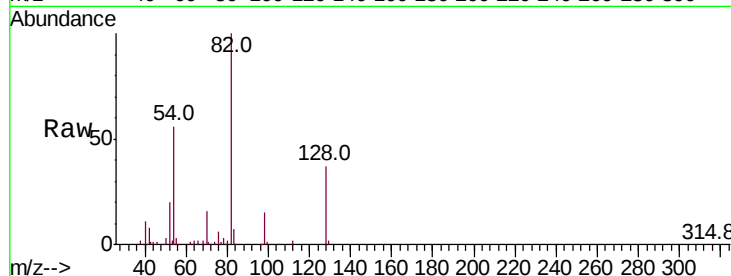
#23
Nitrobenzene-d5
Concen: 68.012 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.2	43.8
54	56.3	43.4	65.0

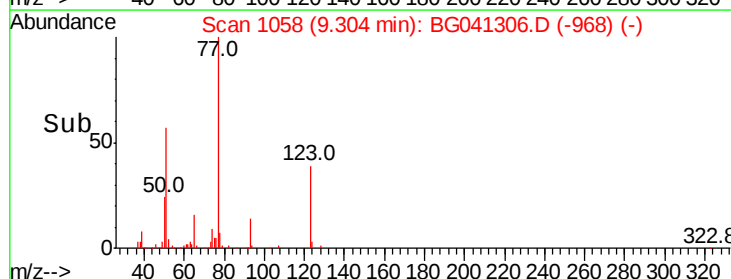
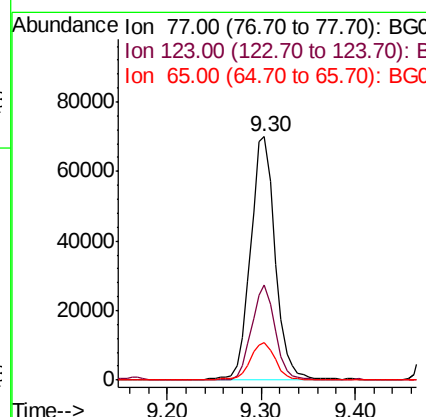
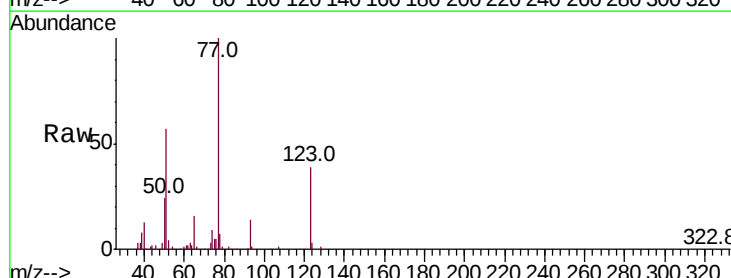
Manual Integrations
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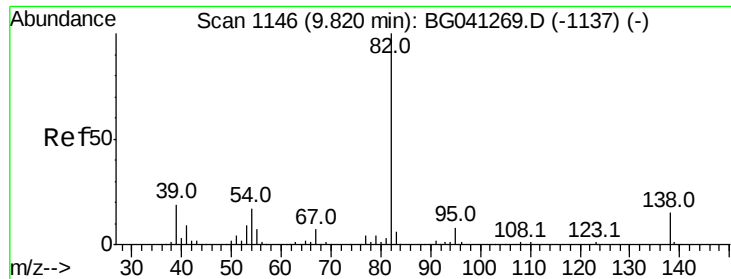
mohammad
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#24
Nitrobenzene
Concen: 37.145 ng
RT: 9.30 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	30.4	45.6
65	15.5	13.3	19.9





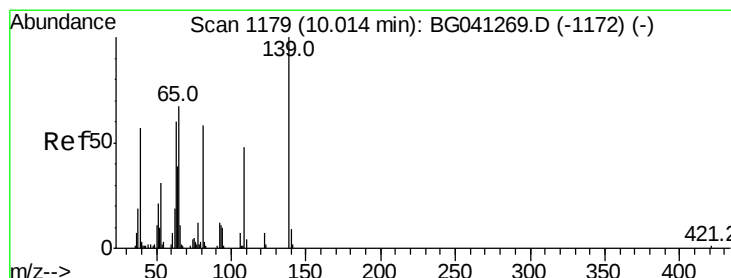
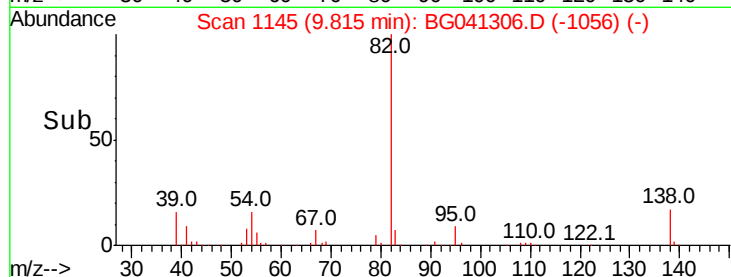
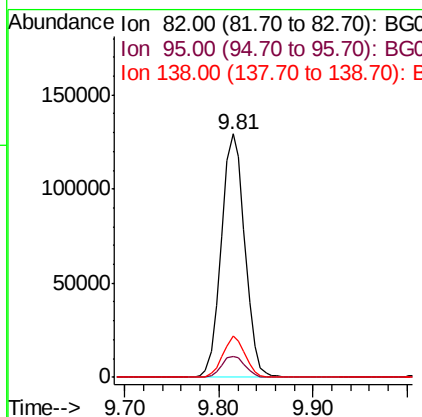
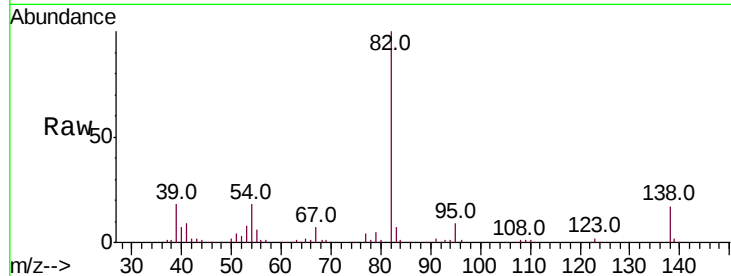
#25
Isophorone
Concen: 36.053 ng
RT: 9.81 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.5	6.6	10.0
138	16.8	12.3	18.5

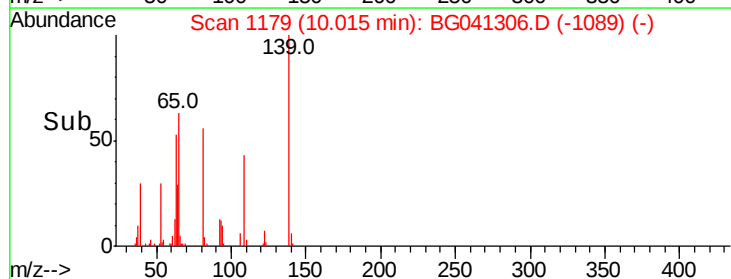
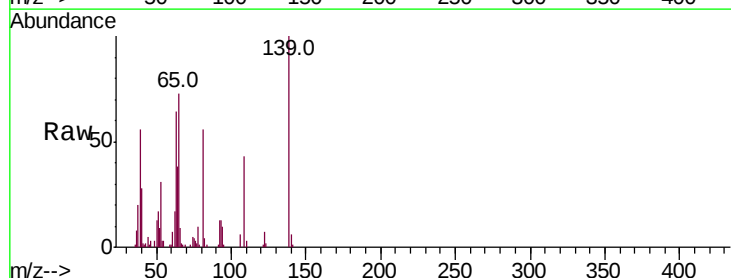
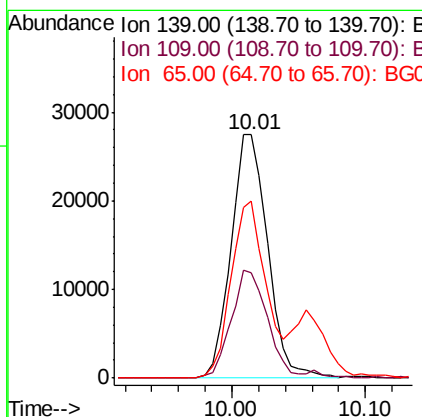
Manual Integrations
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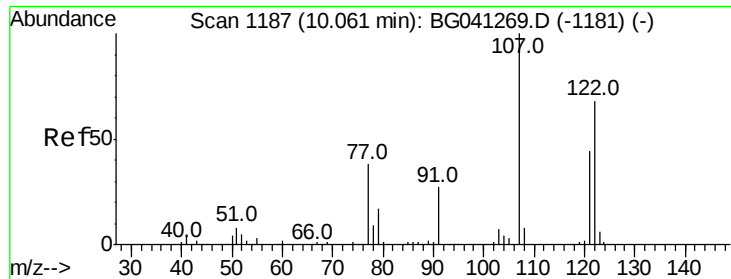
mohammad
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#26
2-Nitrophenol
Concen: 37.562 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	43.5	38.4	57.6
65	72.6	53.6	80.4





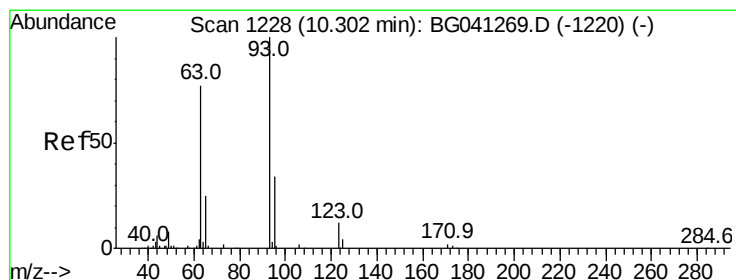
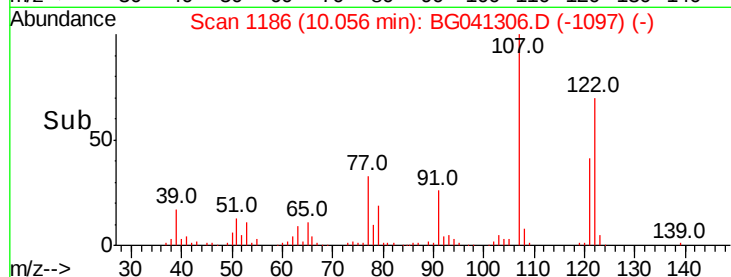
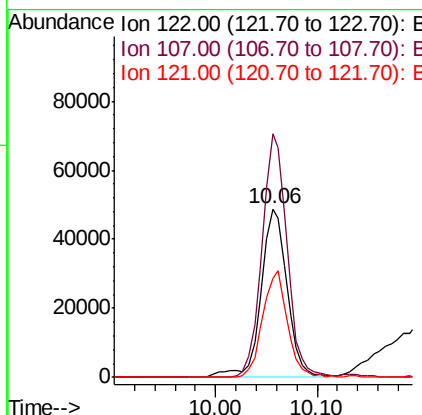
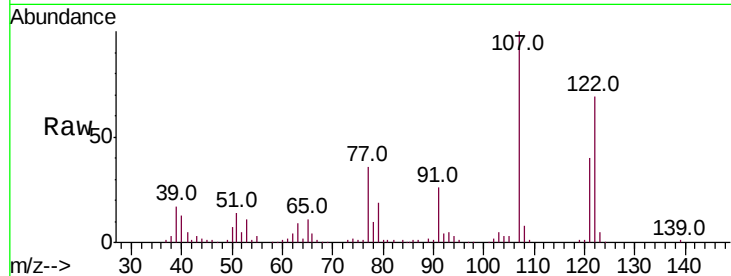
#27
2,4-Dimethylphenol
Concen: 41.989 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.4	115.1	172.7
121	58.4	50.1	75.1

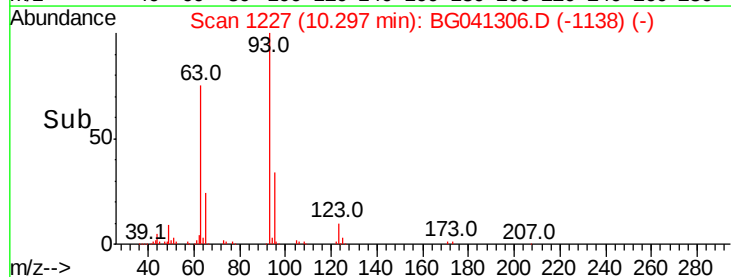
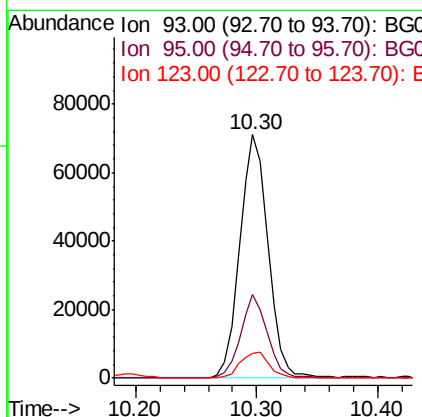
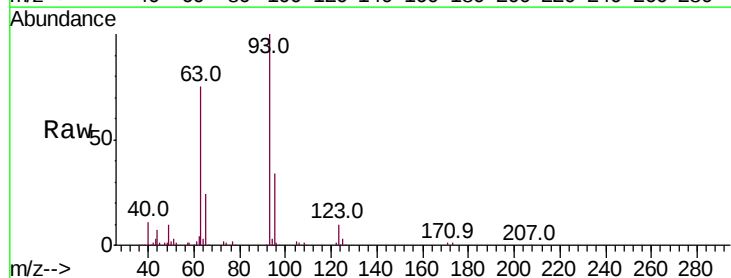
Manual Integrations
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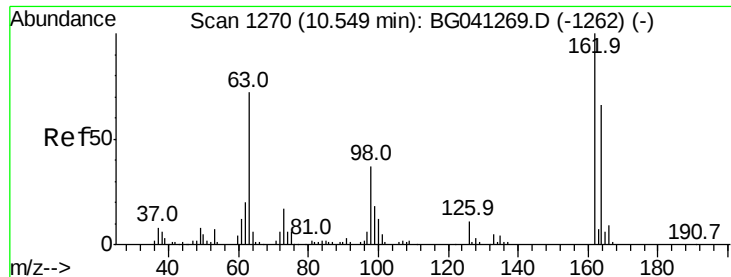
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#28
bis(2-Chloroethoxy)methane
Concen: 35.655 ng
RT: 10.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	27.3	40.9
123	10.0	9.6	14.4





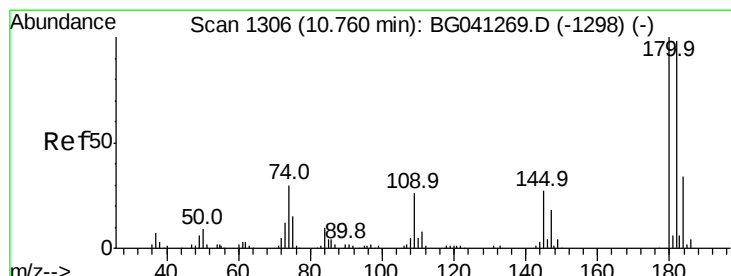
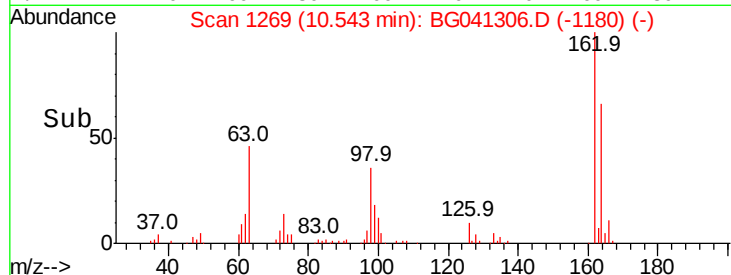
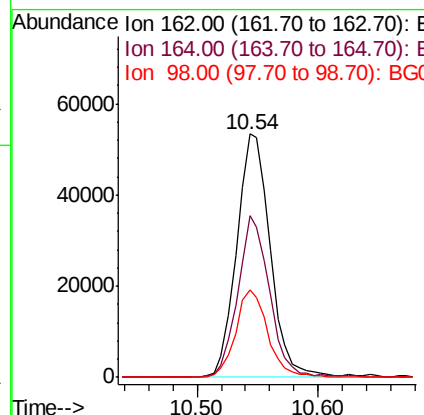
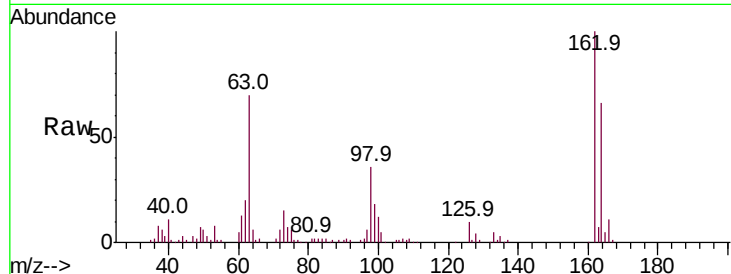
#29
2,4-Dichlorophenol
Concen: 39.839 ng
RT: 10.54 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	103139		
164	66.2	46.0	86.0	
98	35.7	17.4	57.4	

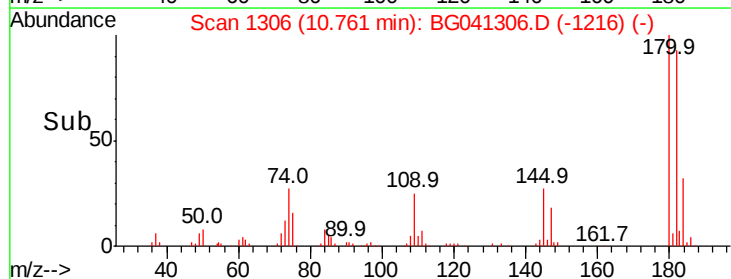
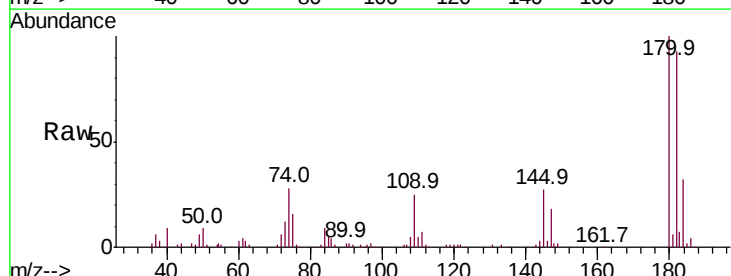
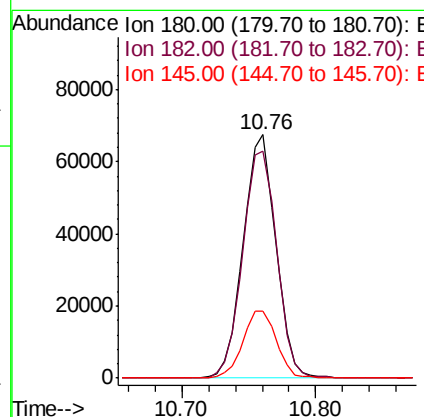
Manual Integrations
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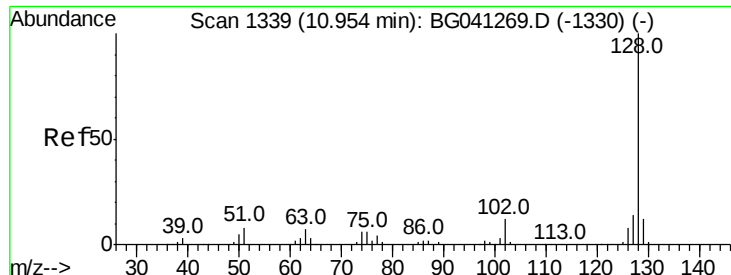
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#30
1,2,4-Trichlorobenzene
Concen: 34.420 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114125		
182	93.3	78.6	117.8	
145	27.5	21.7	32.5	





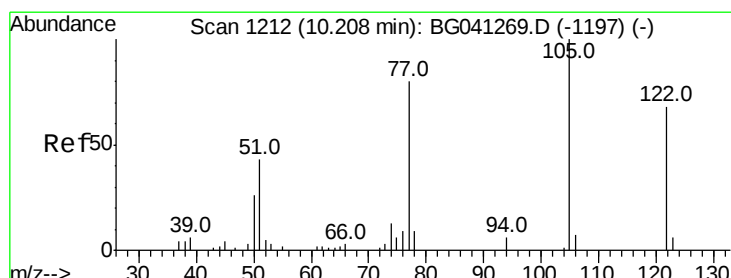
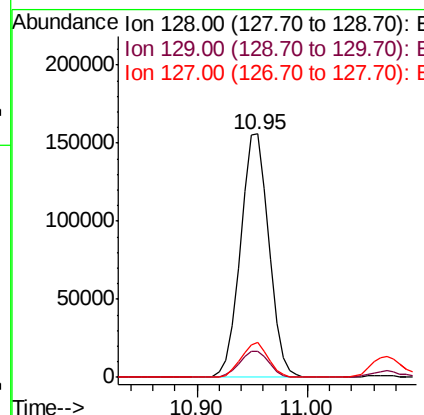
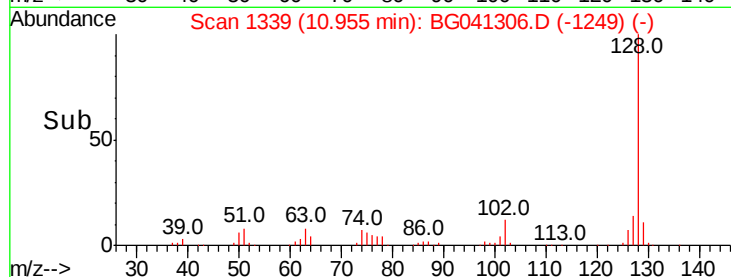
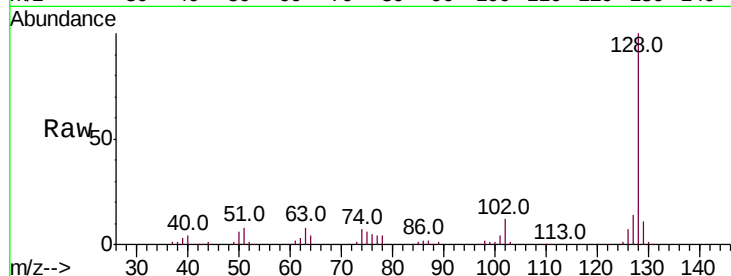
#31
Naphthalene
Concen: 36.206 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.0
127	14.3	11.2	16.8

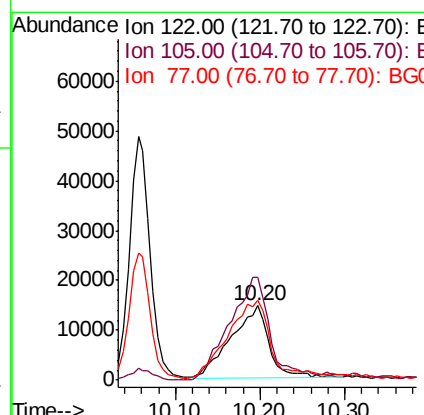
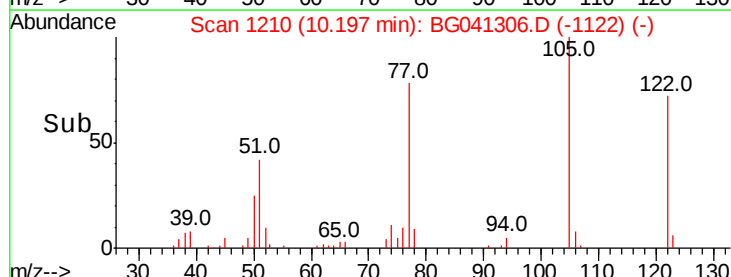
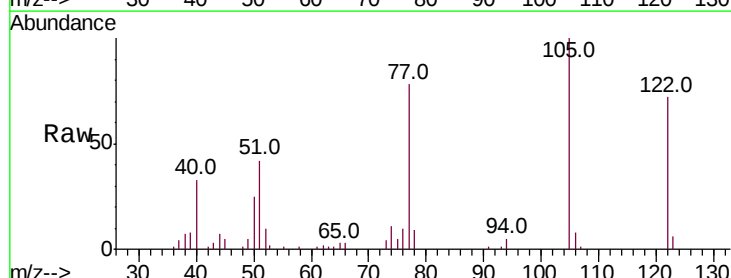
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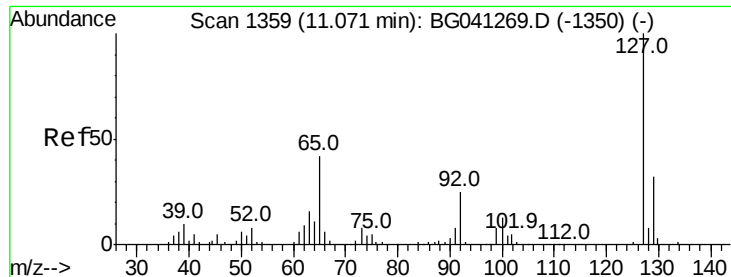
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#32
Benzoic acid
Concen: 33.934 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.3	124.2	164.2
77	107.8	97.2	137.2





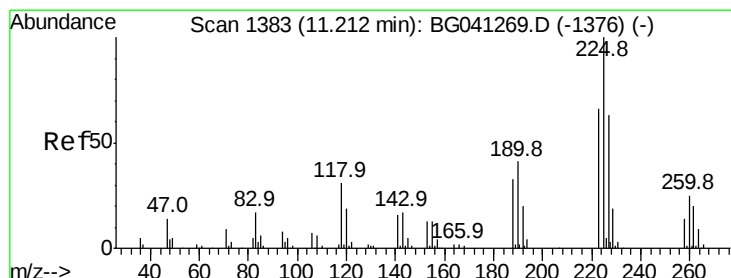
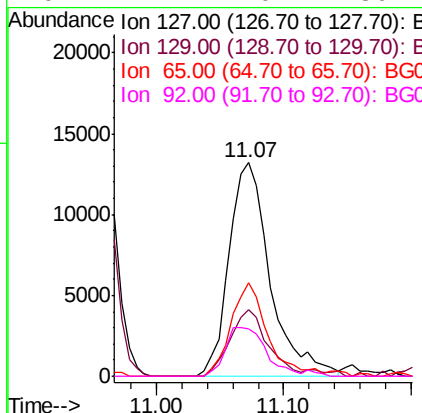
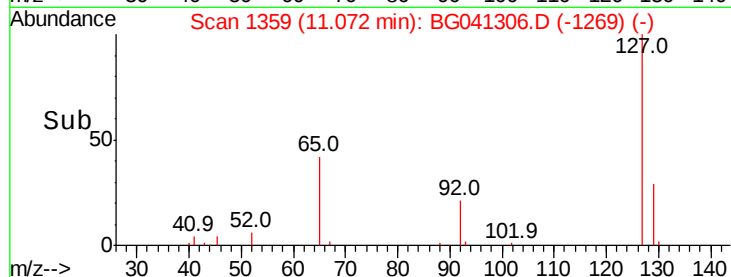
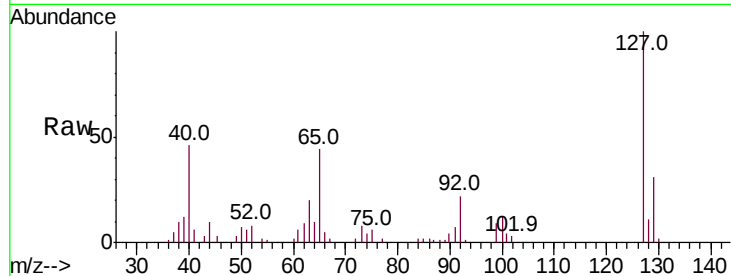
#33
4-Chloroaniline
Concen: 8.965 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.8
65	43.9	33.8	50.8
92	22.2	20.2	30.4

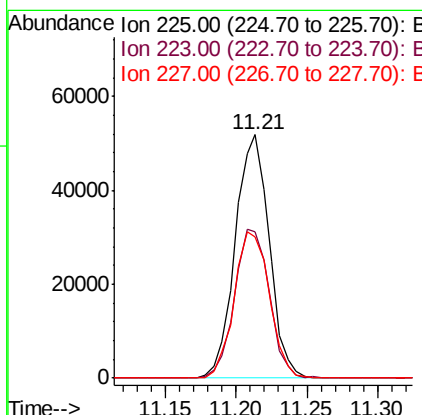
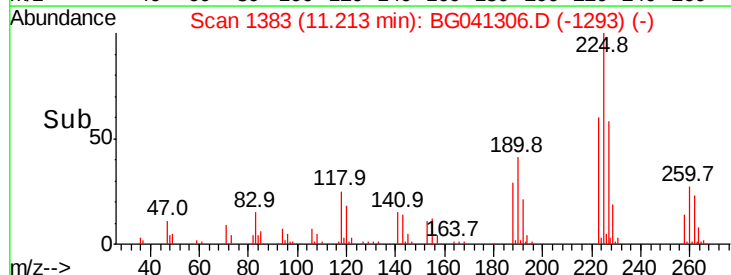
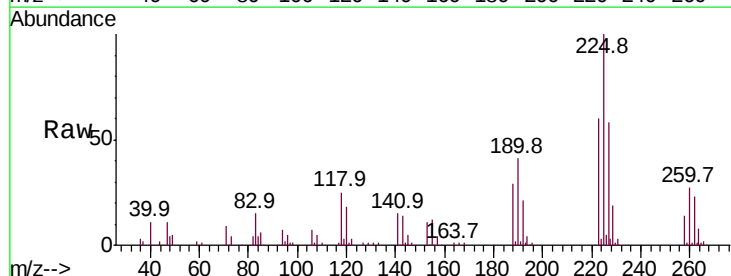
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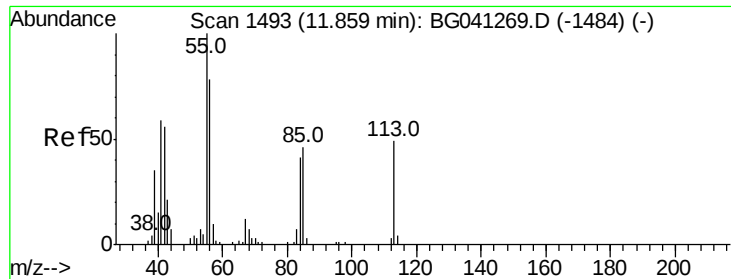
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#34
Hexachlorobutadiene
Concen: 33.097 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	52.5	78.7
227	57.9	50.2	75.2





#35

Caprolactam

Concen: 32.670 ng/ml

RT: 11.85 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

ClientSampleId :

T-1MSD

Tot Ion:113 Resp: 29118

Ion Ratio Lower Upper

113 100

55 178.3 182.6 222.6#

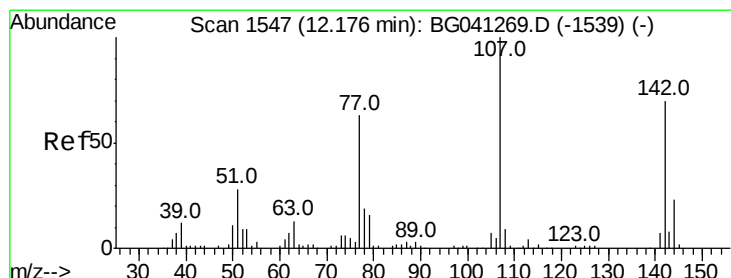
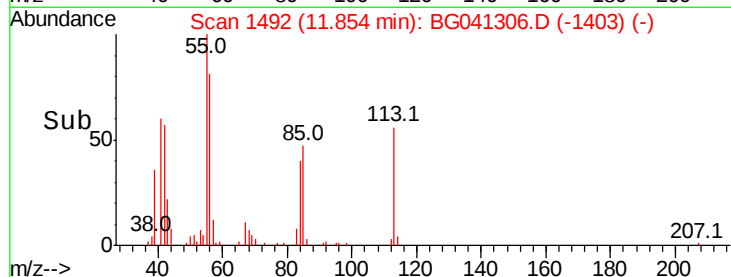
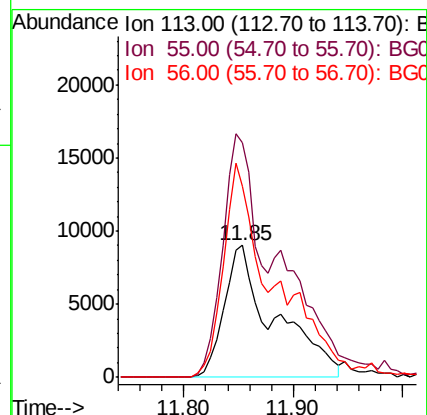
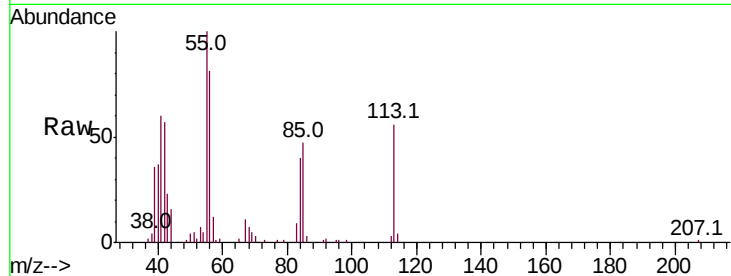
56 144.4 137.5 177.5

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#36

4-Chloro-3-methylphenol

Concen: 37.653 ng/ml

RT: 12.18 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

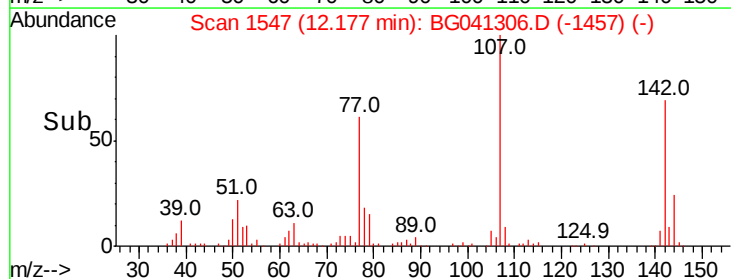
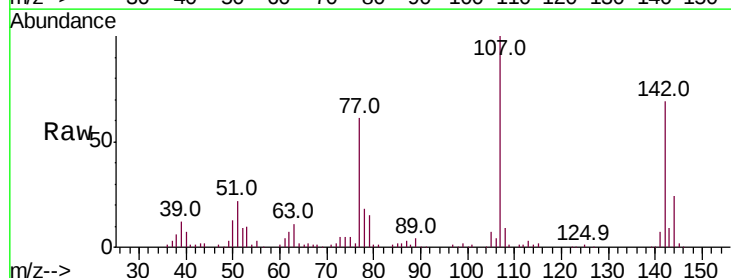
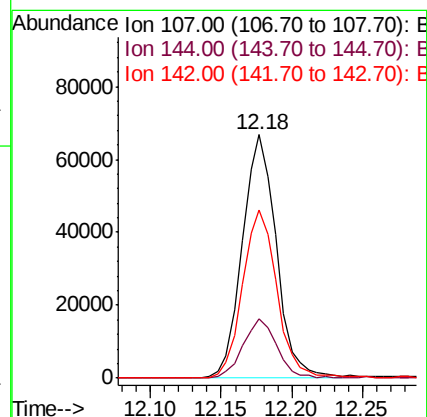
Tgt Ion:107 Resp: 112597

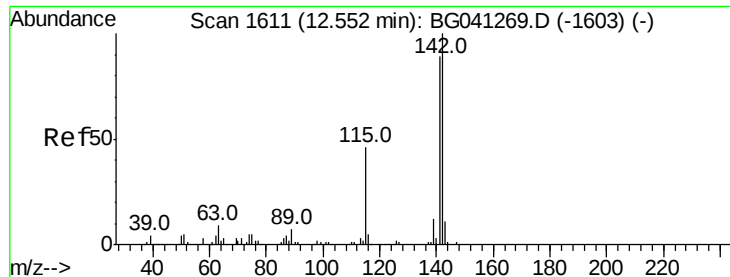
Ion Ratio Lower Upper

107 100

144 24.1 18.5 27.7

142 69.1 56.3 84.5





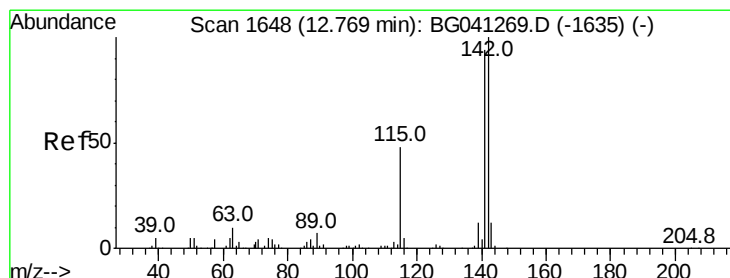
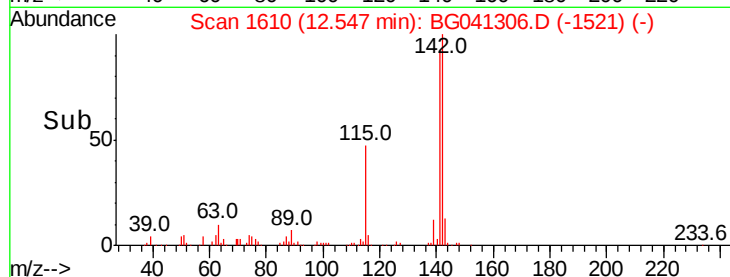
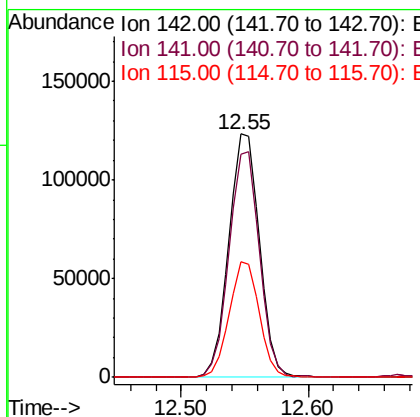
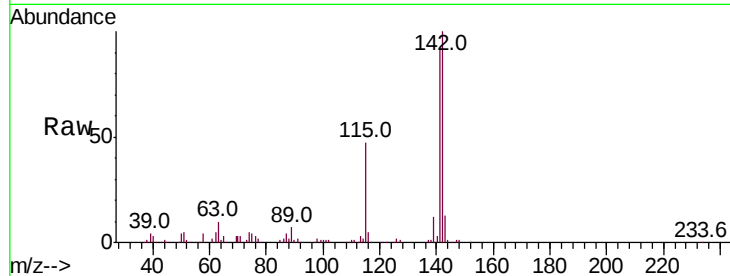
#37
2-Methylnaphthalene
Concen: 35.678 ng
RT: 12.55 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.5	107.3
115	47.2	37.0	55.6

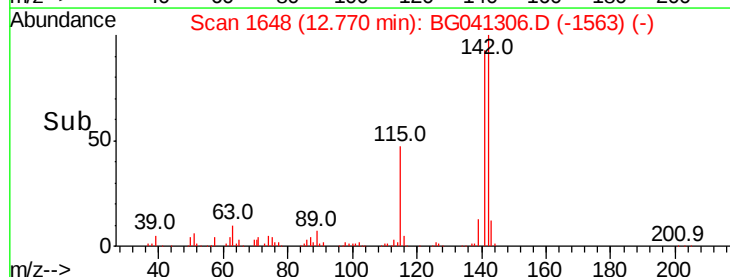
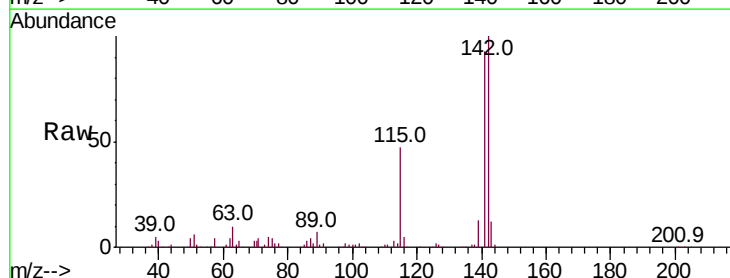
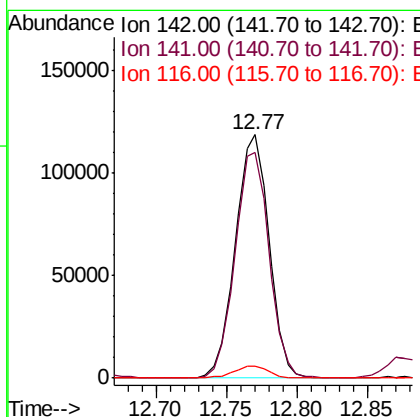
Manual Integrations
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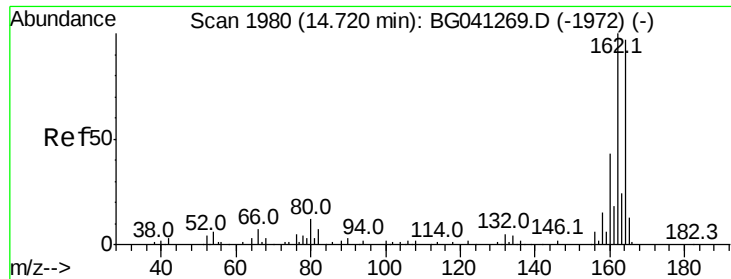
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#38
1-Methylnaphthalene
Concen: 35.989 ng
RT: 12.77 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.0	112.6
116	5.1	4.2	6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

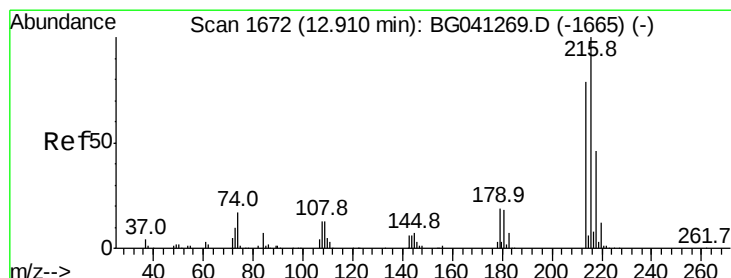
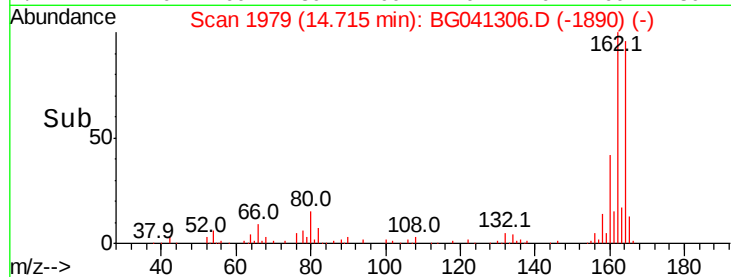
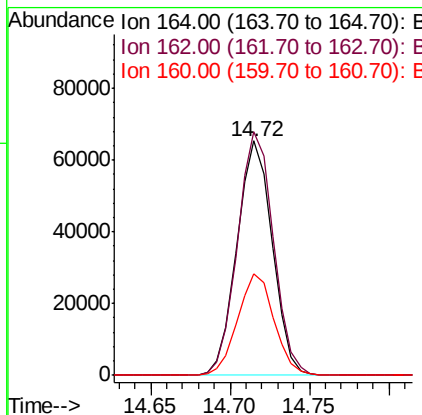
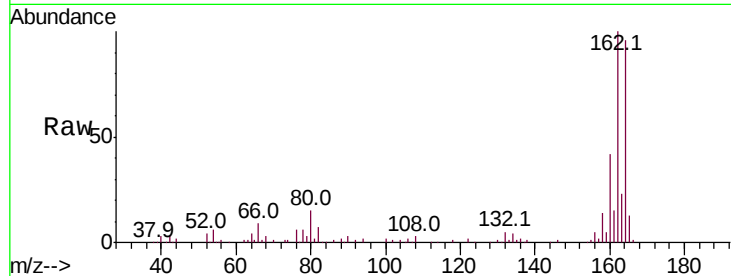
ClientSampleId :

T-1MSD

Tot Ion:	164	Resp:	101078
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.8	124.2
160	43.3	35.8	53.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.375 ng

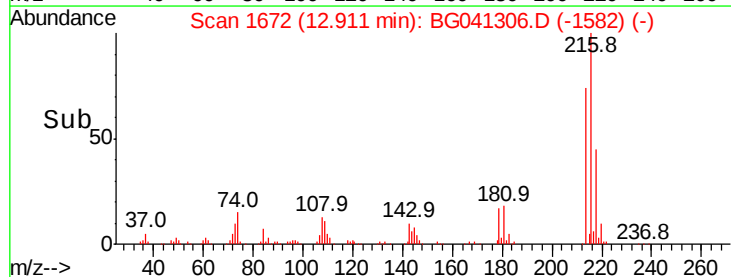
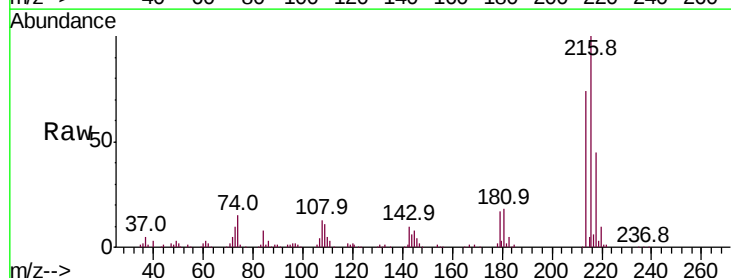
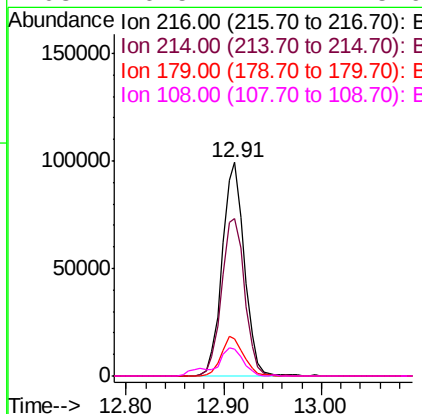
RT: 12.91 min Scan# 1672

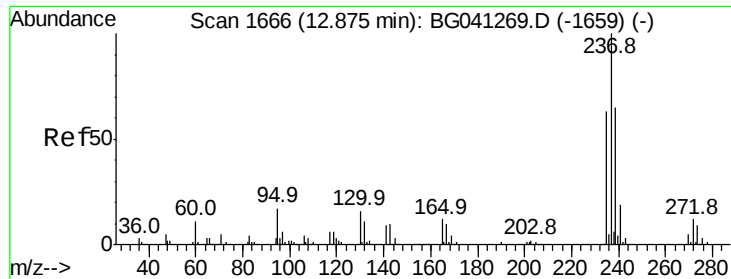
Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	216	Resp:	155995
Ion Ratio	Lower	Upper	
216	100		
214	76.9	62.8	94.2
179	18.3	15.2	22.8
108	16.5	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 58.178 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

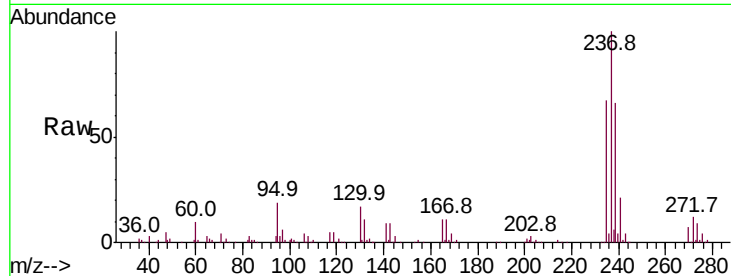
ClientSampled :

T-1MSD

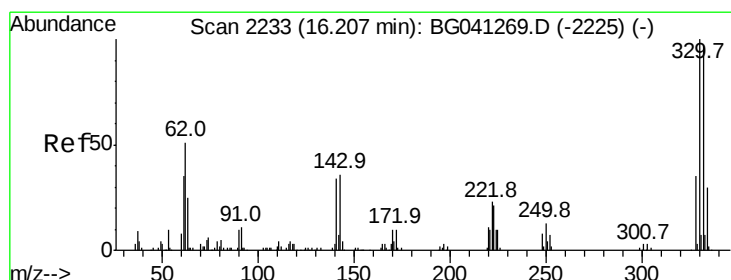
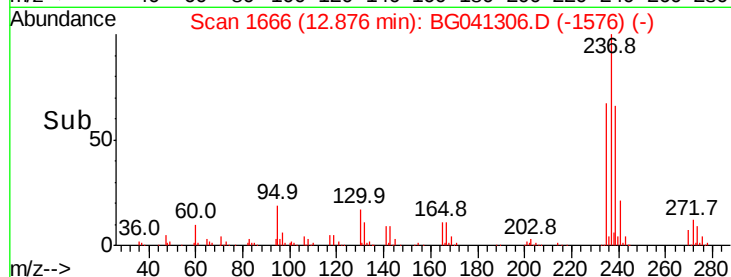
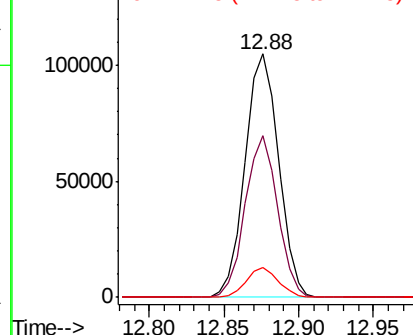
Tot Ion:	237	Resp:	163565
Ion Ratio	Lower	Upper	
237	100		
235	66.5	42.9	82.9
272	12.3	0.0	32.0

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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: 95.497 ng

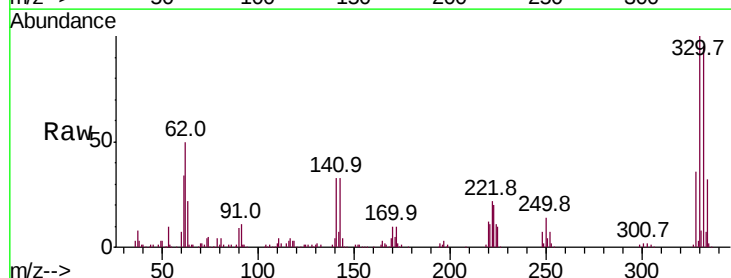
RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

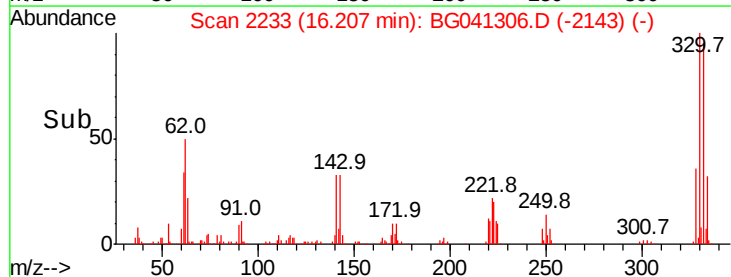
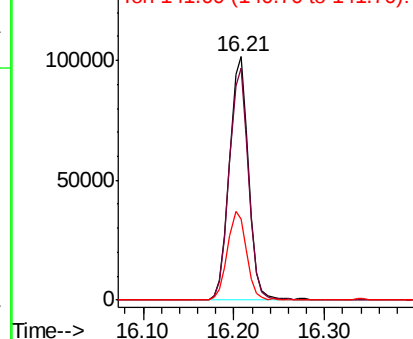
Lab File: BG041306.D

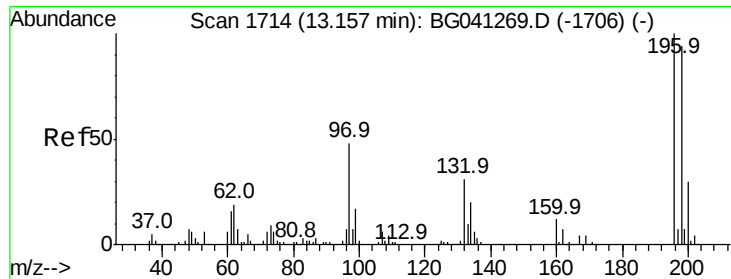
Acq: 18 Jun 2019 20:38

Tgt Ion:	330	Resp:	148190
Ion Ratio	Lower	Upper	
330	100		
332	95.0	75.5	113.3
141	36.3	29.0	43.4



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





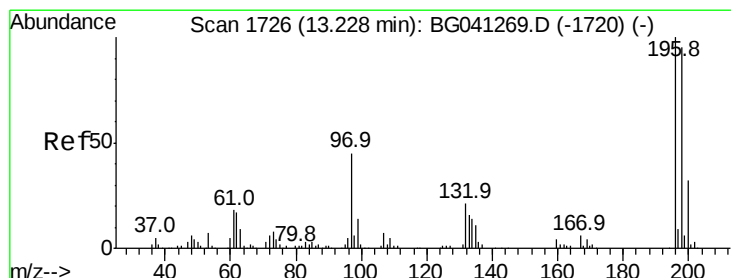
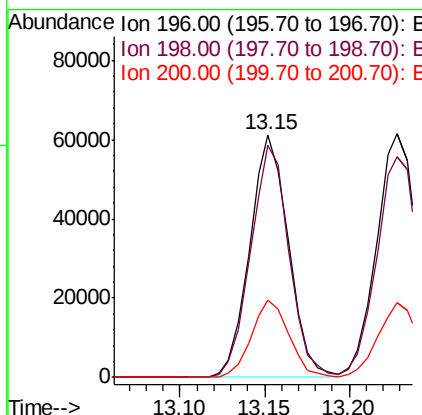
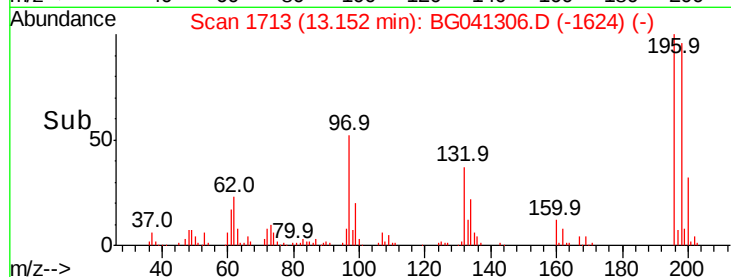
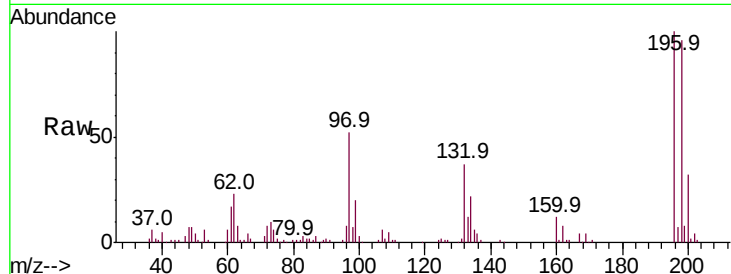
#43
 2,4,6-Trichlorophenol
 Concen: 37.757 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	97486		
198	95.7	74.9	112.3	
200	31.7	24.2	36.2	

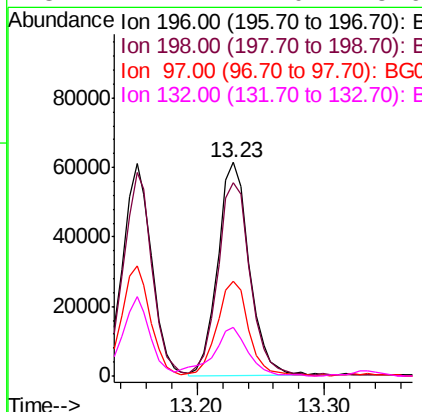
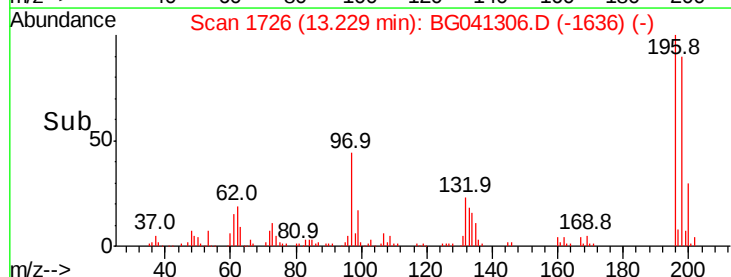
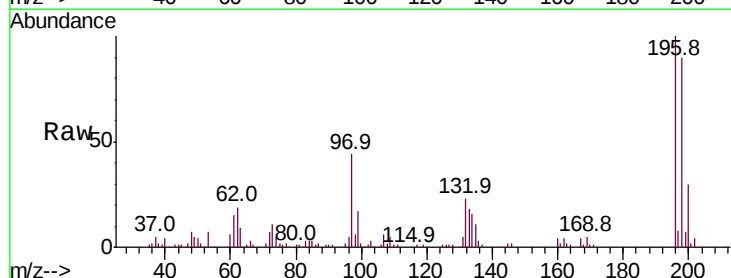
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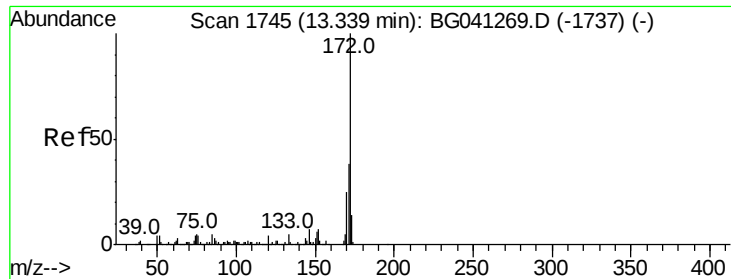
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.072 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106460		
198	90.5	76.1	114.1	
97	44.3	35.9	53.9	
132	22.7	17.0	25.6	





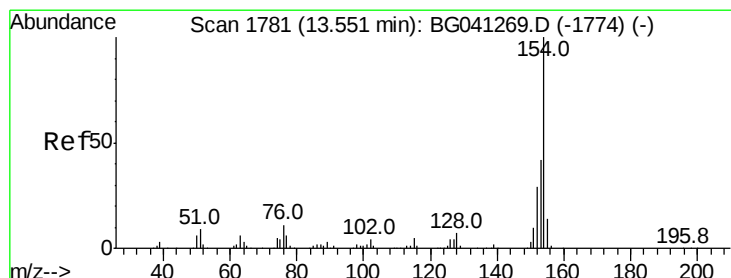
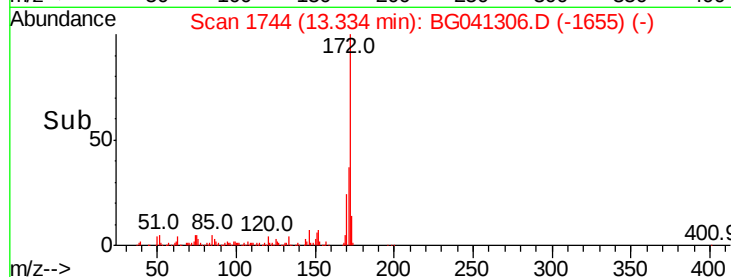
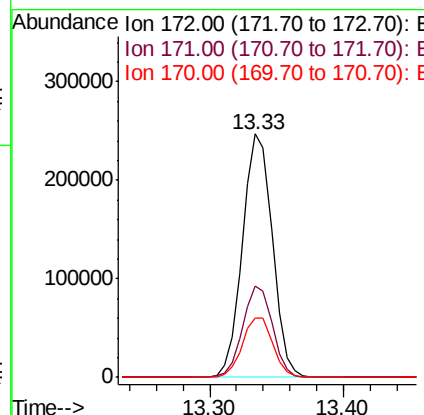
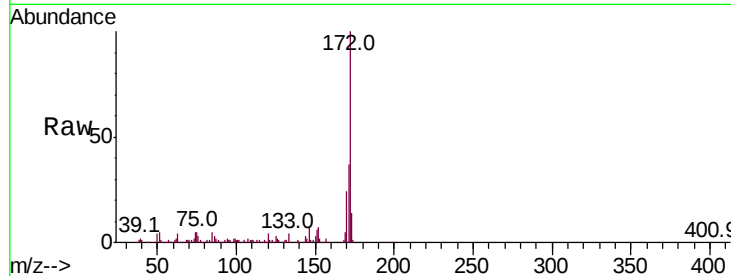
#45
2-Fluorobiphenyl
Concen: 51.324 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	381684		
171	37.3		30.0	45.0
170	24.4		19.8	29.6

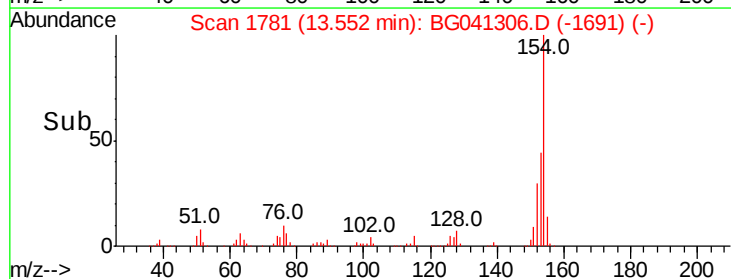
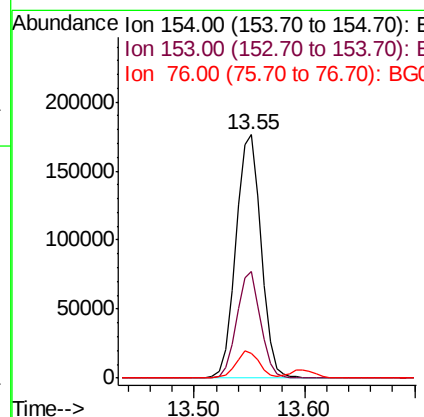
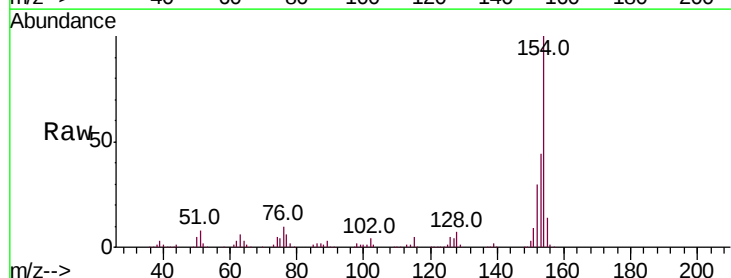
Manual Integrations
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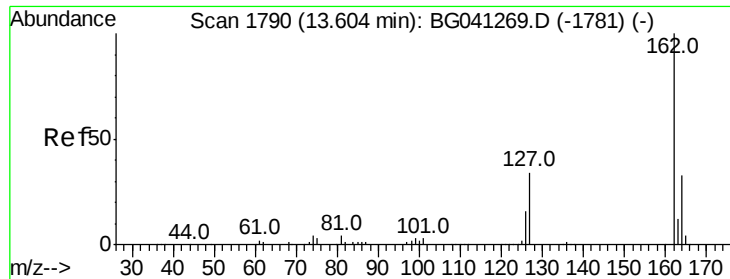
mohammad
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#46
1,1'-Biphenyl
Concen: 36.951 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	282356		
153	43.9		22.3	62.3
76	10.4		0.0	30.8





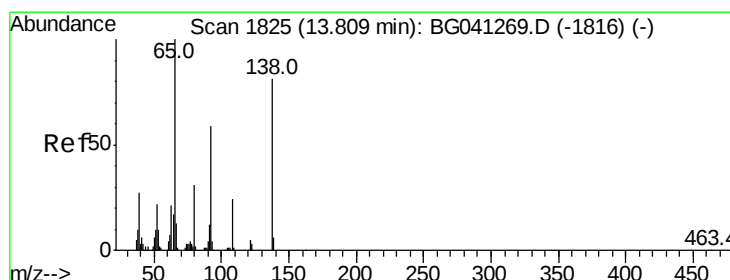
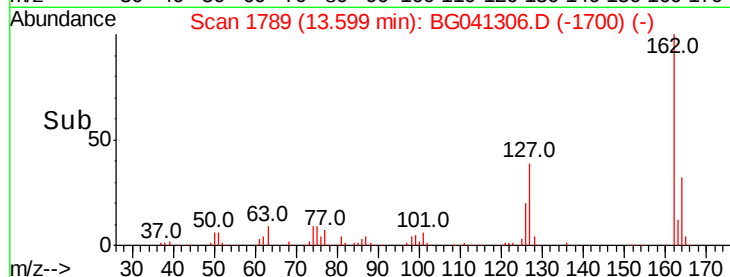
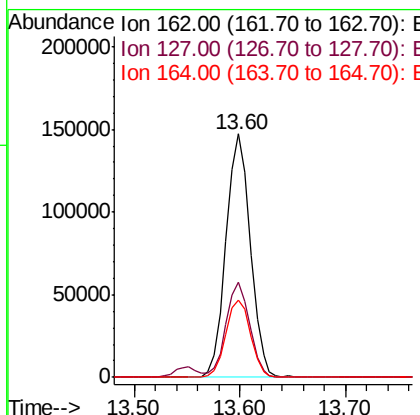
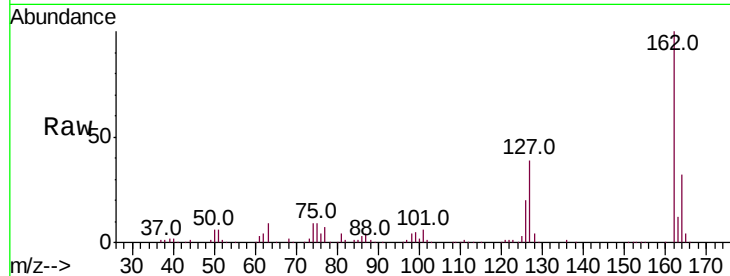
#47
 2-Chloronaphthalene
 Concen: 35.680 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 T-1MSD

Tot Ion:	162	Resp:	234737
Ion Ratio	Lower	Upper	
162	100		
127	39.3	31.0	46.4
164	31.9	26.1	39.1

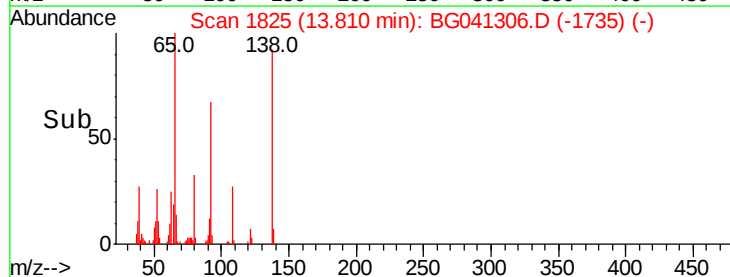
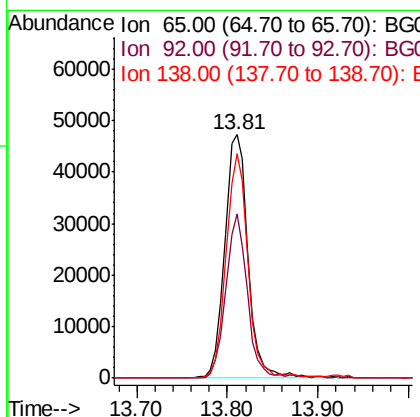
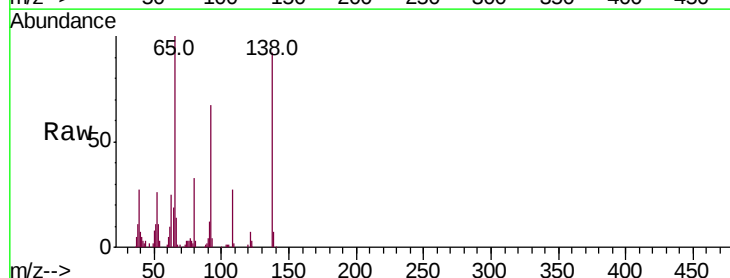
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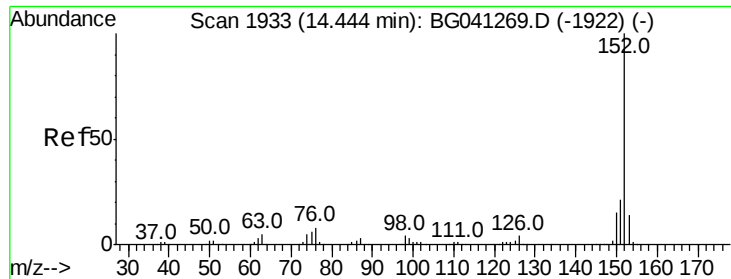
mohammad
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#48
 2-Nitroaniline
 Concen: 34.667 ng
 RT: 13.81 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion:	65	Resp:	83528
Ion Ratio	Lower	Upper	
65	100		
92	67.5	47.4	71.2
138	92.0	64.7	97.1





#49

Acenaphthylene

Concen: 35.934 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

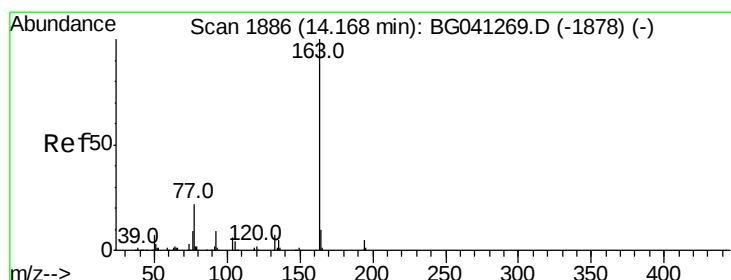
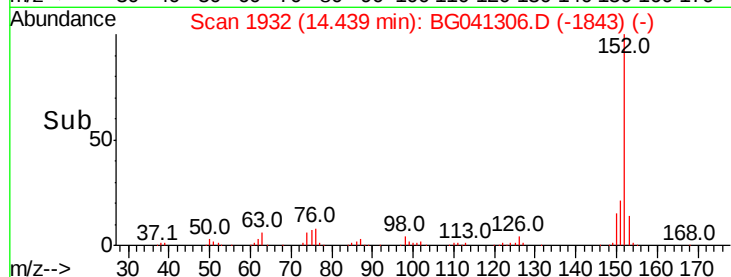
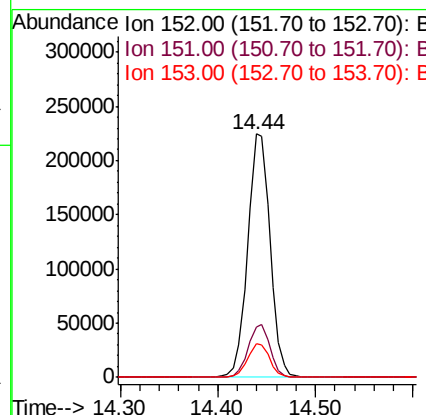
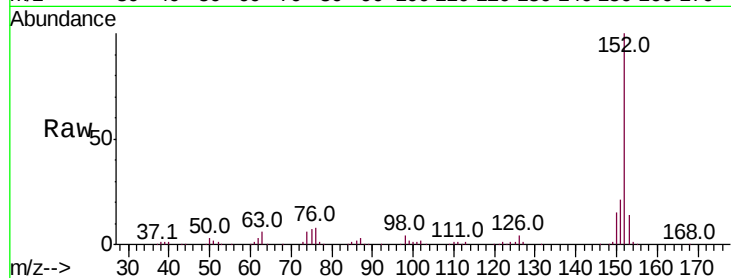
ClientSampleId :

T-1MSD

Tot Ion:	152	Resp:	358731
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.7	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.147 ng

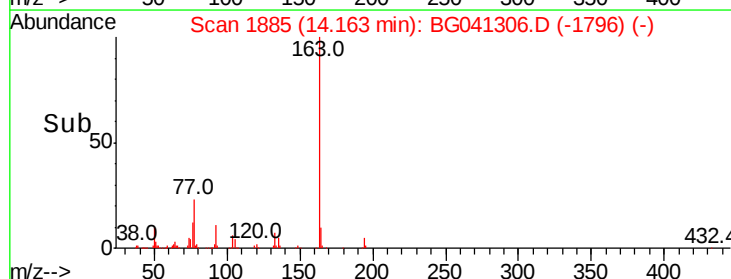
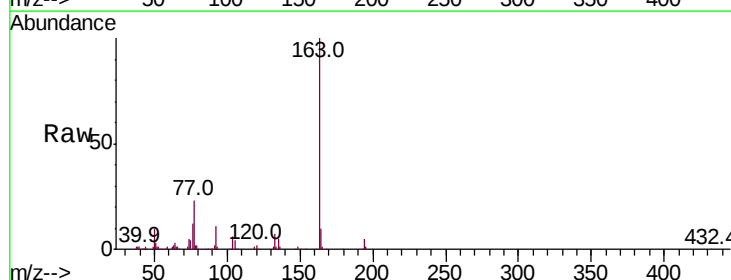
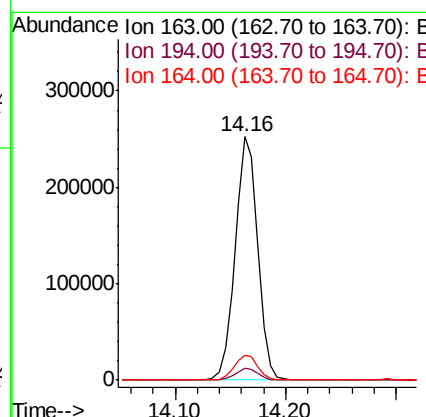
RT: 14.16 min Scan# 1885

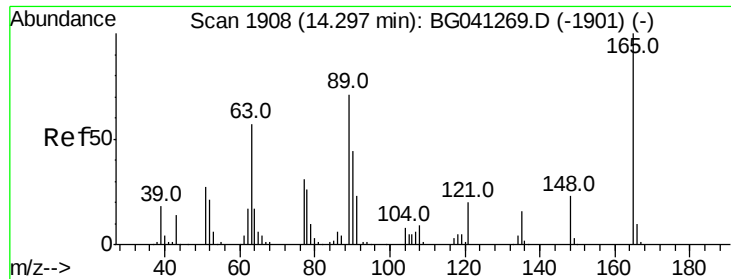
Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	163	Resp:	361060
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	10.0	8.3	12.5





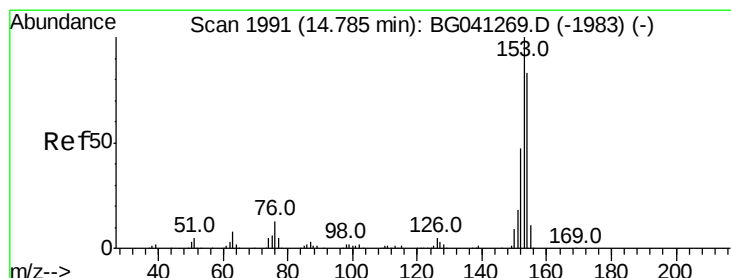
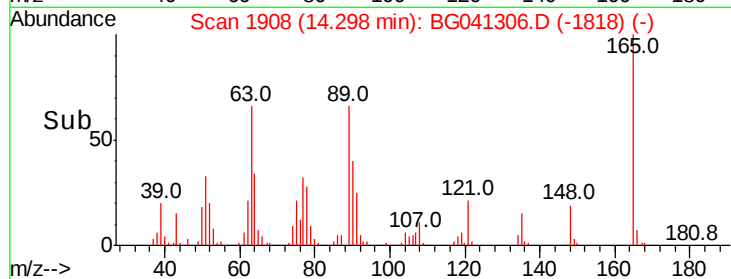
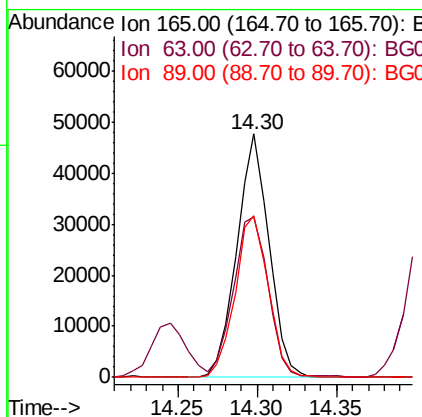
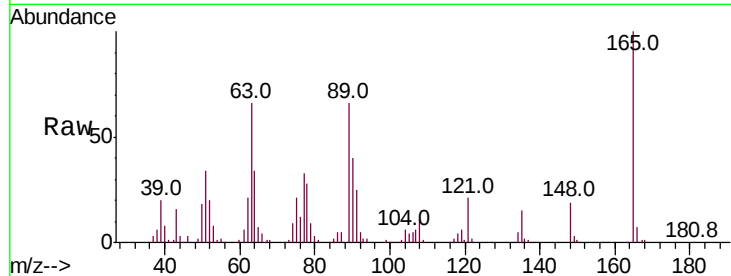
#51
 2,6-Dinitrotoluene
 Concen: 35.166 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.7	55.4	83.0
89	66.4	56.5	84.7

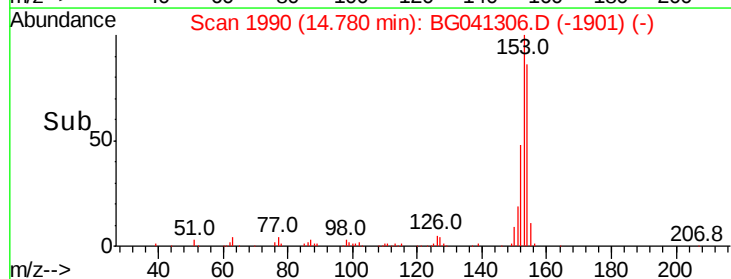
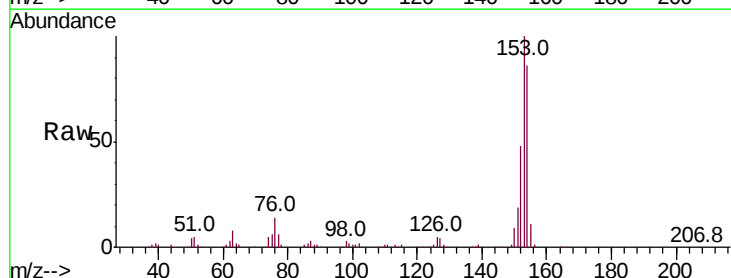
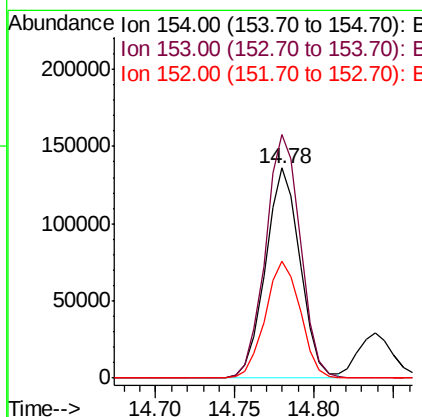
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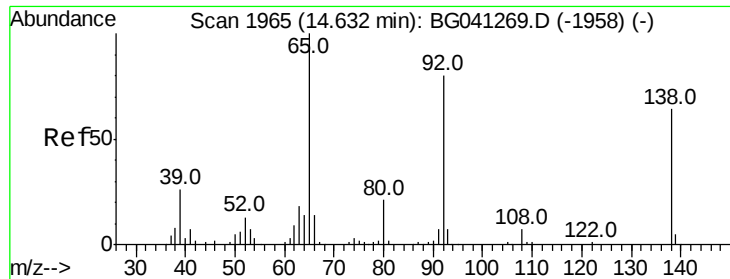
mohammad
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#52
 Acenaphthene
 Concen: 35.420 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.8	96.6	145.0
152	55.9	45.5	68.3





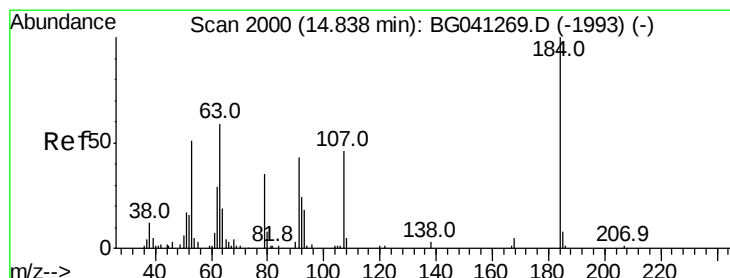
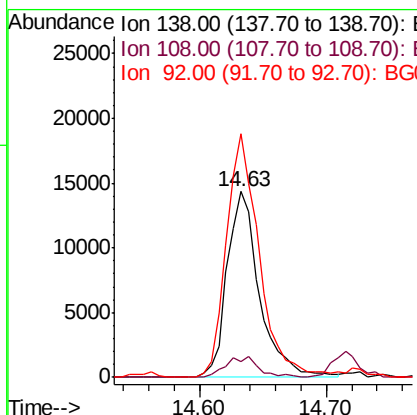
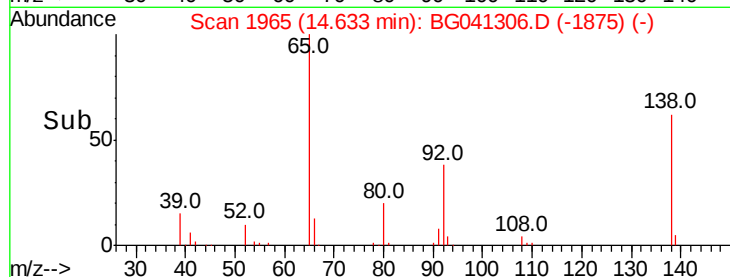
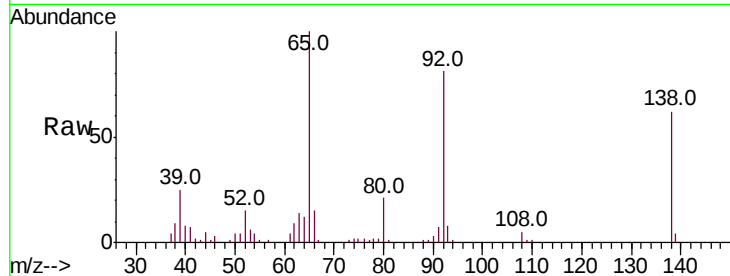
#53
3-Nitroaniline
Concen: 13.582 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampled :
T-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	8.3	12.5
92	131.0	100.2	150.4

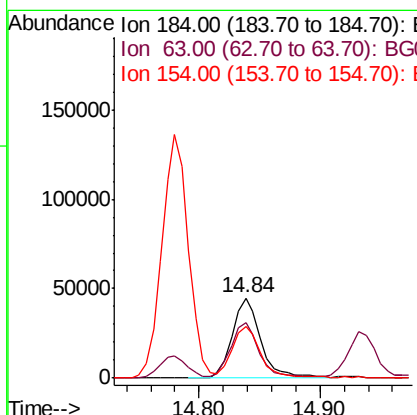
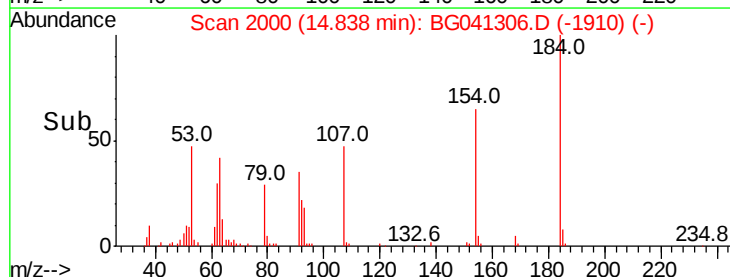
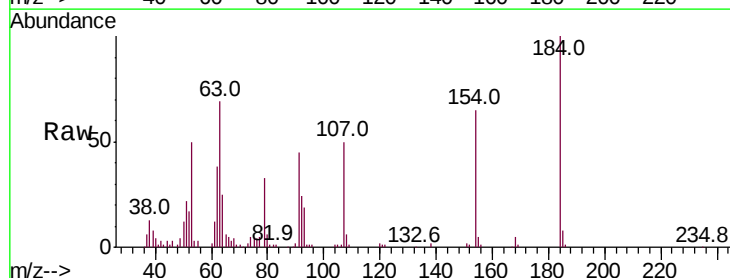
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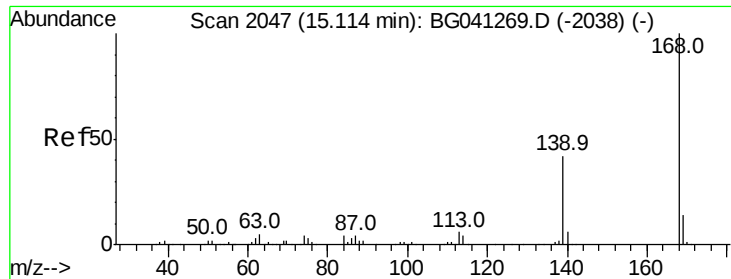
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#54
2,4-Dinitrophenol
Concen: 55.719 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.2	60.0	90.0
154	64.8	58.3	87.5





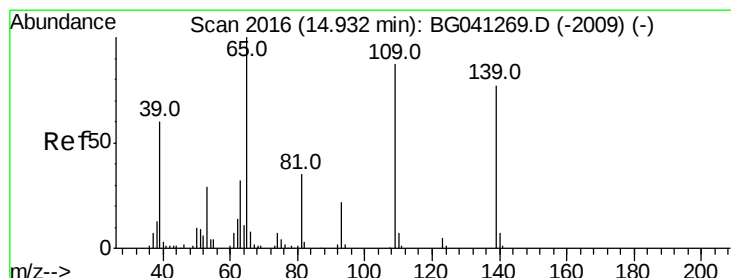
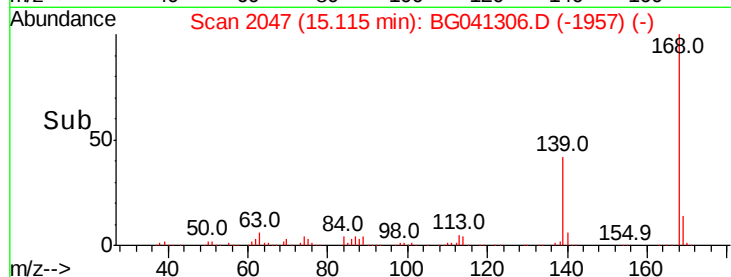
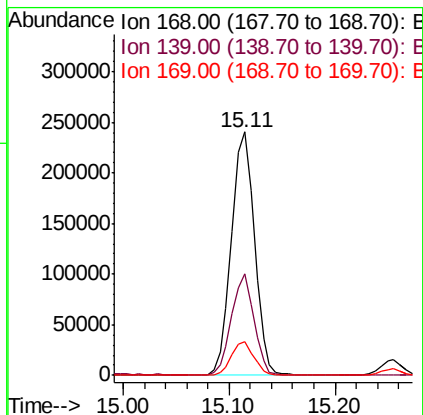
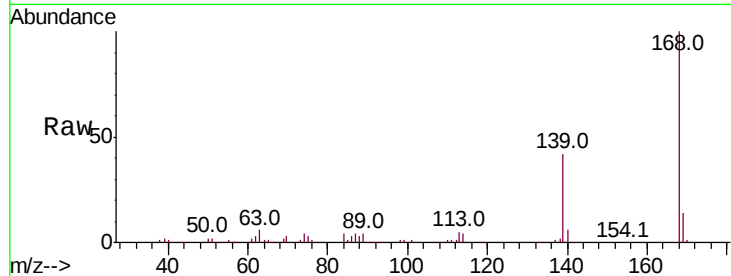
#55
Dibenzenofuran
Concen: 35.572 ng
RT: 15.11 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	362566		
139	41.9		33.6	50.4
169	13.8		10.8	16.2

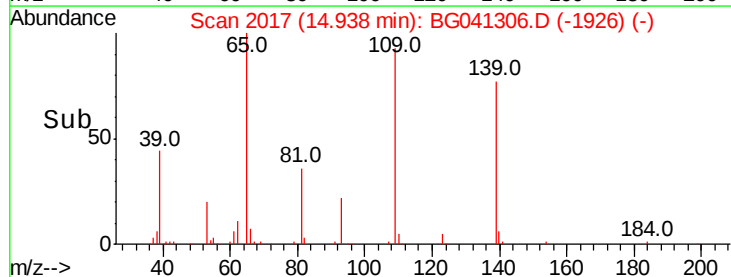
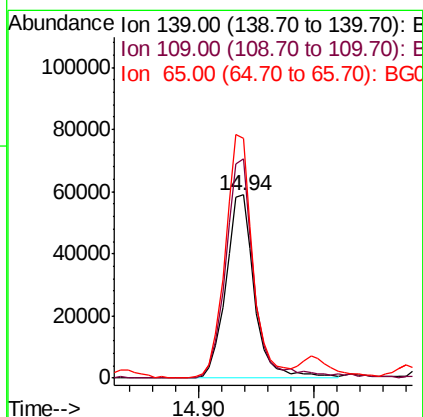
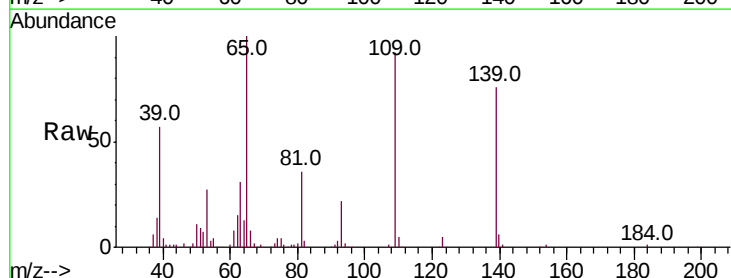
Manual Integrations
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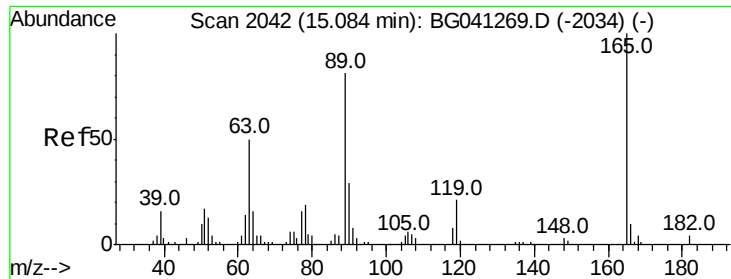
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#56
4-Nitrophenol
Concen: 71.758 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	101359		
109	120.1		93.2	133.2
65	131.2		110.2	150.2





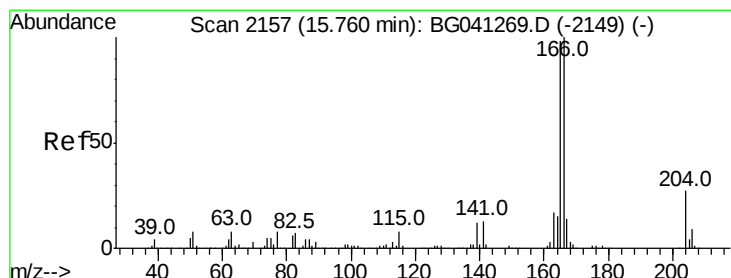
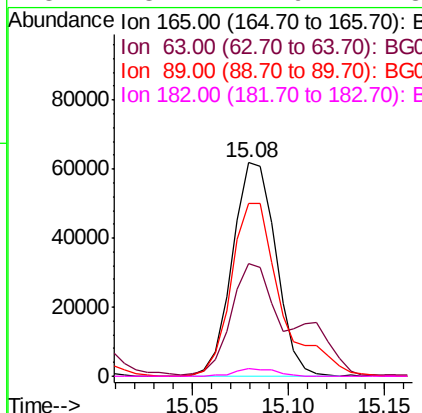
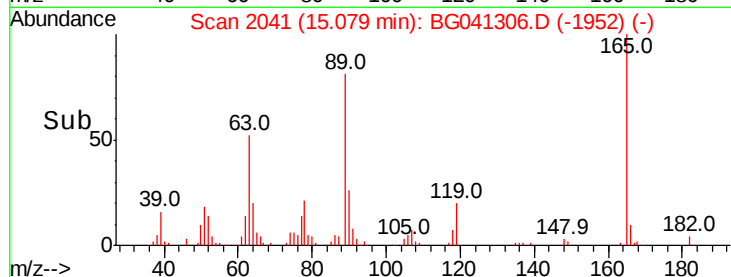
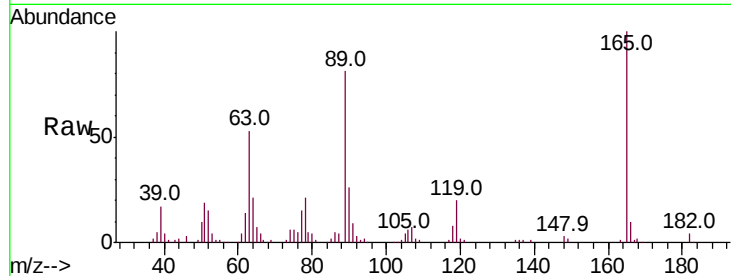
#57
 2,4-Dinitrotoluene
 Concen: 35.127 ng/mL
 RT: 15.08 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampleID :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.8	40.0	60.0
89	80.6	64.6	96.8
182	3.7	2.9	4.3

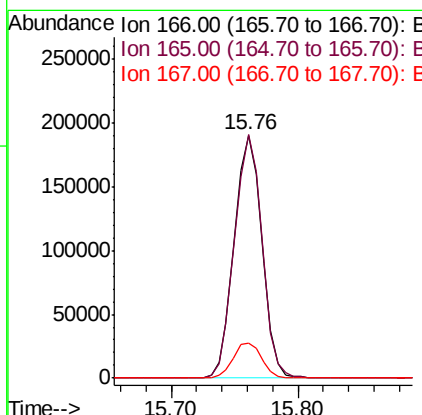
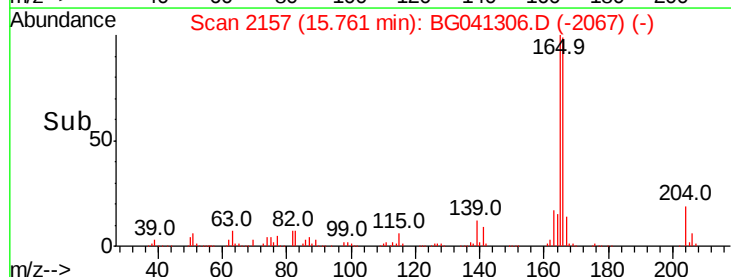
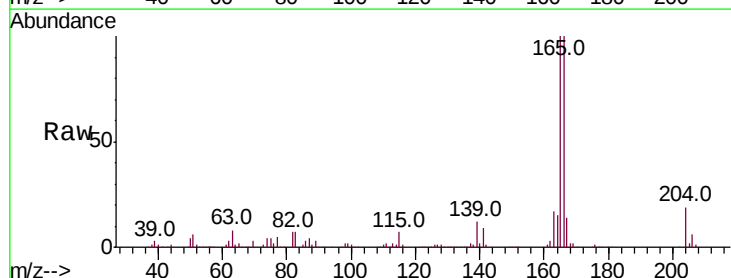
Manual Integrations
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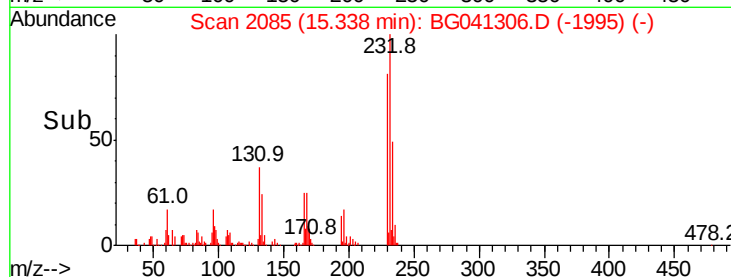
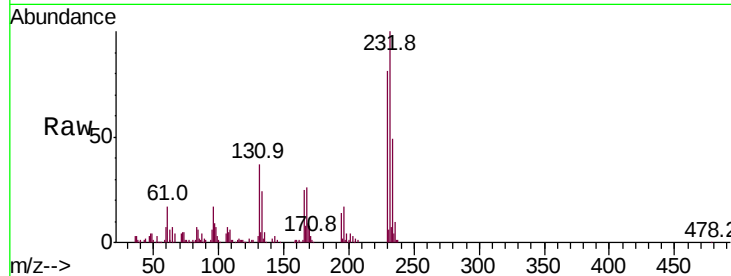
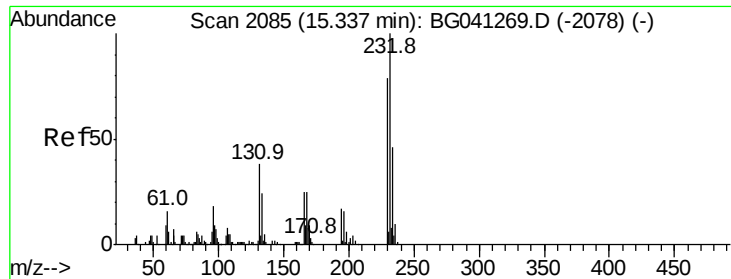
mohammad
 6/21/2019 9:56:58 PM



#58
 Fluorene
 Concen: 35.841 ng/mL
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.8	118.2
167	14.2	11.3	16.9





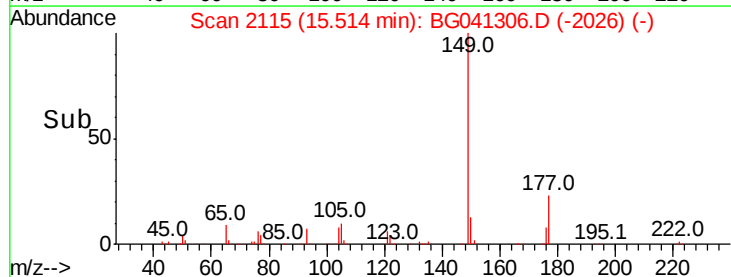
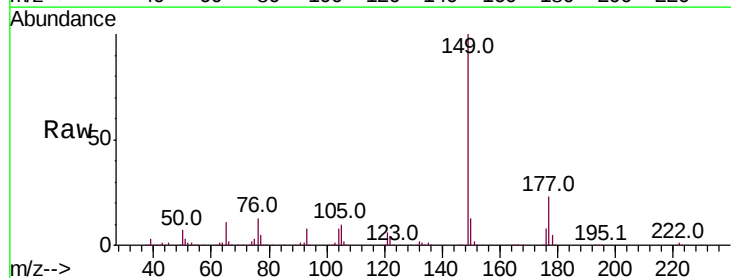
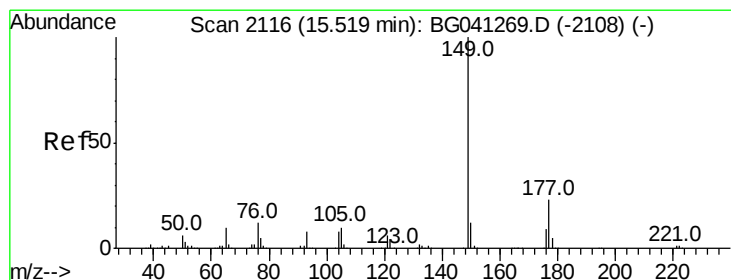
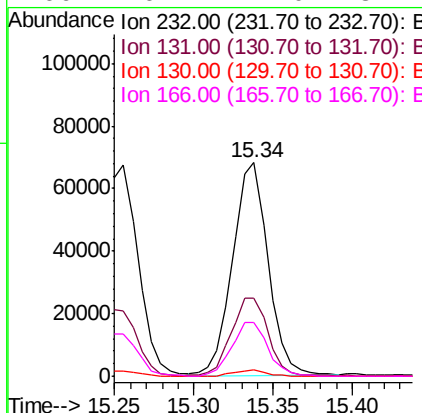
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.465 ng
RT: 15.34 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampled :
T-1MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	38.7	29.0	43.6
130	2.5	1.6	2.4
166	26.1	21.0	31.4

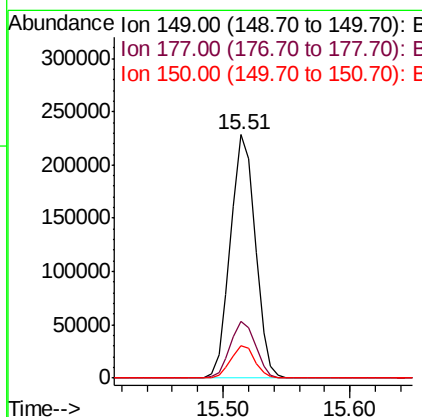
Manual Integrations
APPROVED

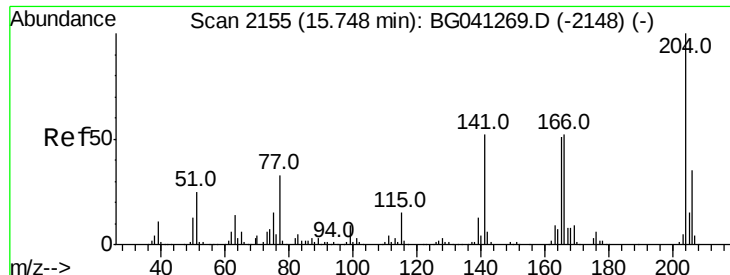
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#60
Diethylphthalate
Concen: 33.917 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.1	18.4	27.6
150	13.1	9.9	14.9





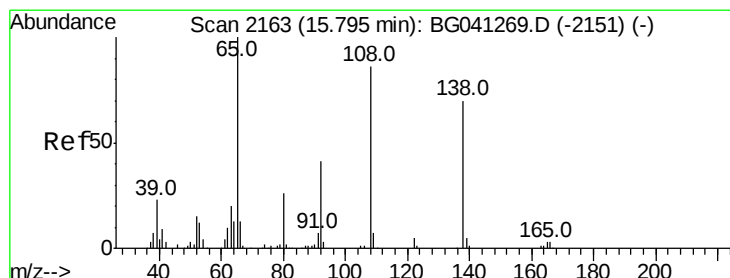
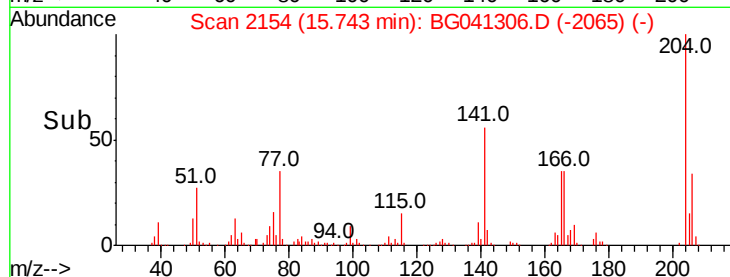
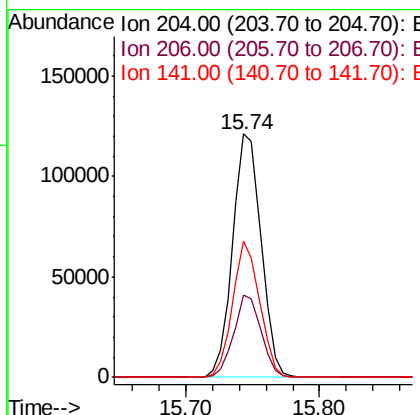
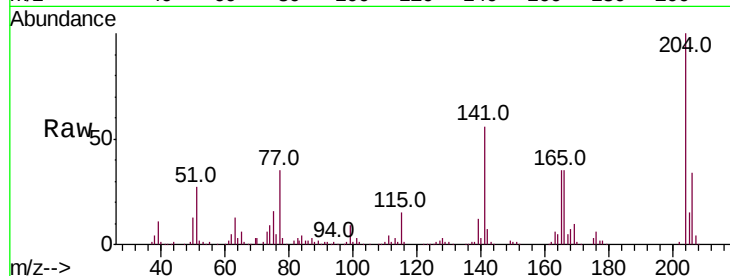
#61
 4-Chlorophenyl-phenylether
 Concen: 34.495 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampled :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.9	41.9
141	56.0	41.4	62.0

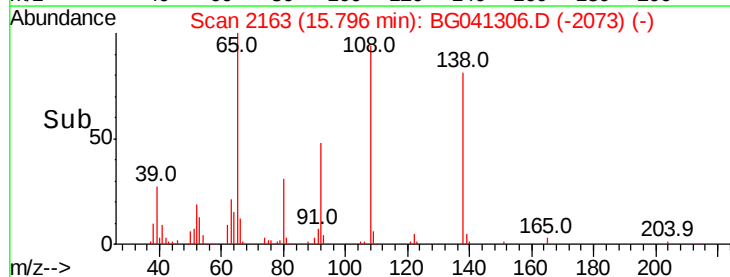
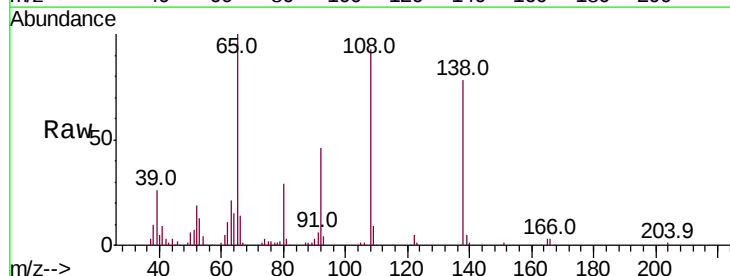
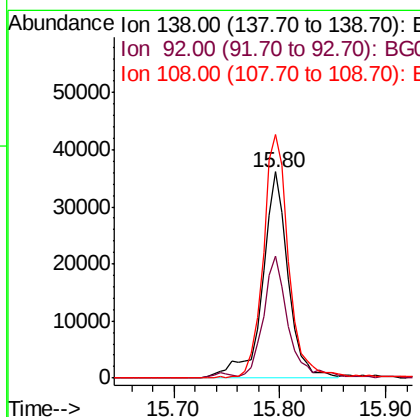
Manual Integrations
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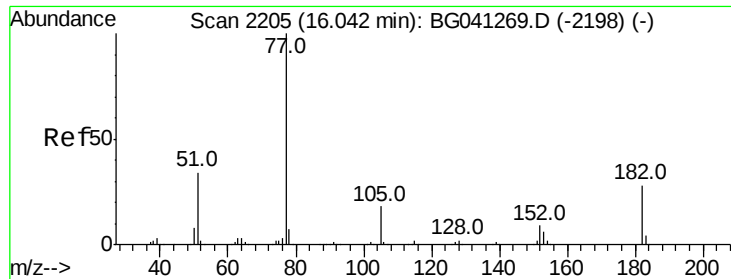
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#62
 4-Nitroaniline
 Concen: 30.584 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	38.8	78.8
108	117.9	103.4	143.4





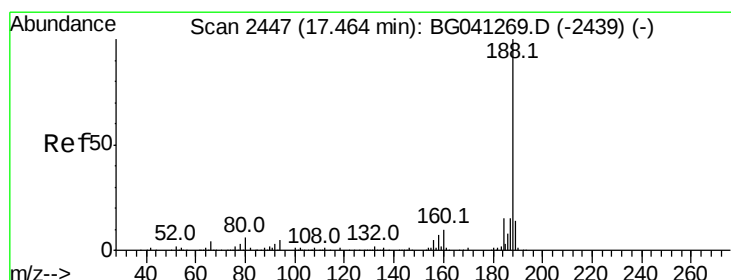
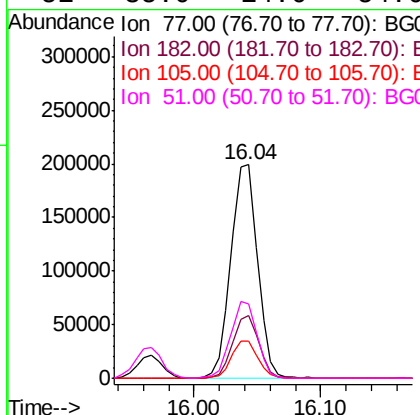
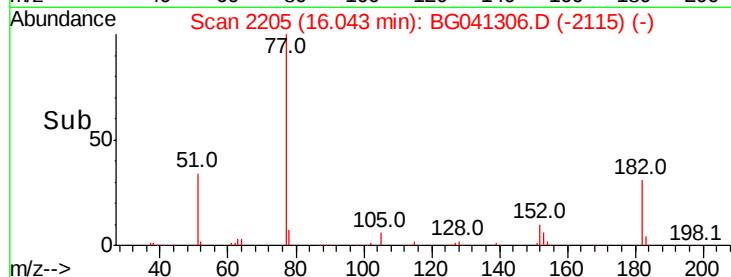
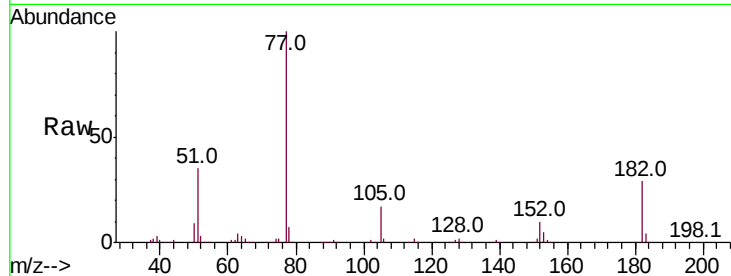
#63
Azobenzene
Concen: 35.423 ng
RT: 16.04 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.4	7.5	47.5		
105	17.3	0.0	37.7		
51	35.0	14.6	54.6		

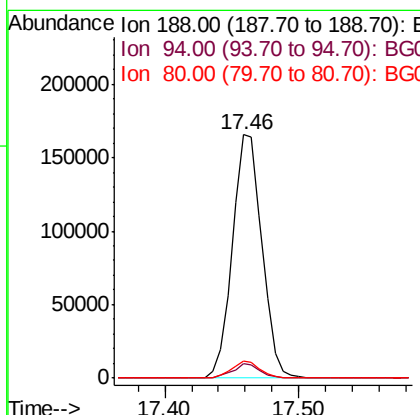
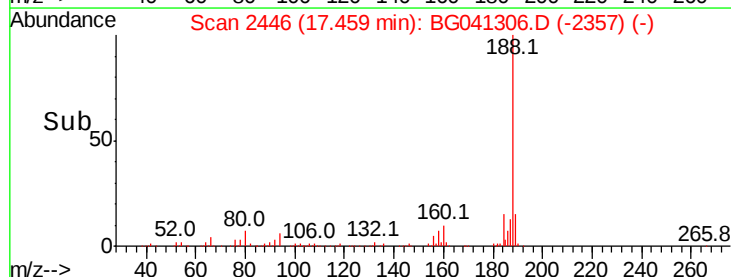
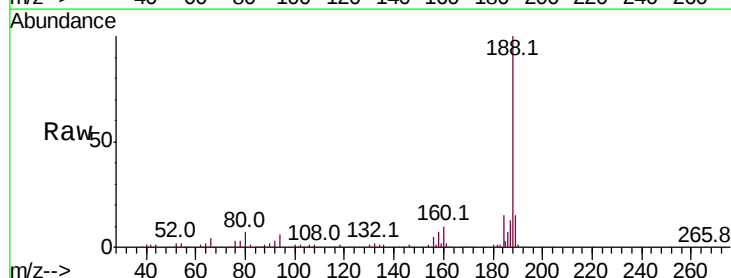
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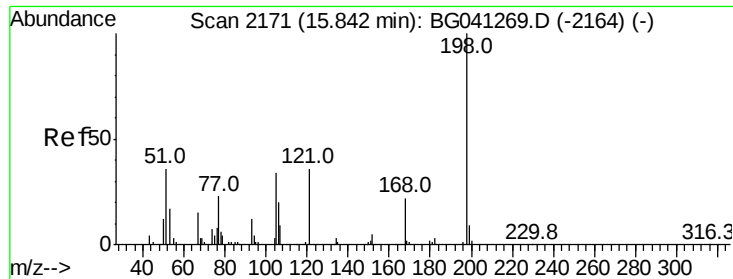
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.0	3.6	5.4#		
80	6.8	4.8	7.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 32.386 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

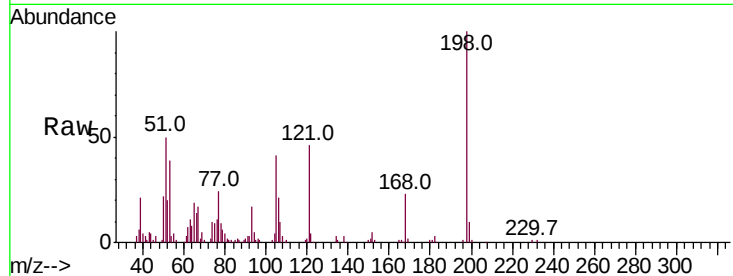
ClientSampled :

T-1MSD

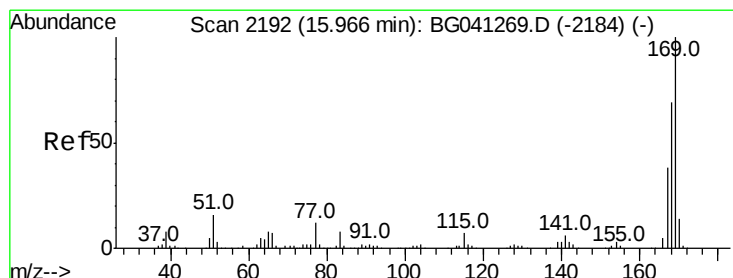
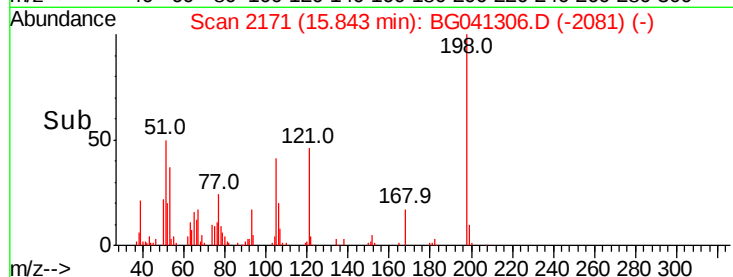
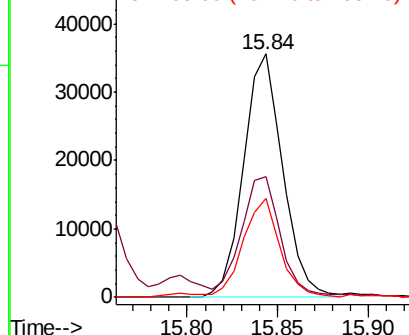
Tot Ion:	198	Resp:	53519
Ion Ratio	Lower	Upper	
198	100		
51	49.6	23.4	63.4
105	40.5	15.8	55.8

Manual Integrations
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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: 38.289 ng

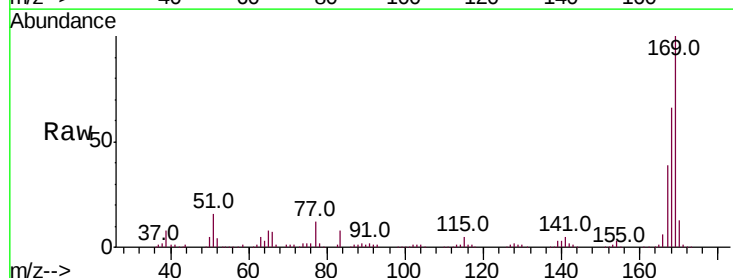
RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

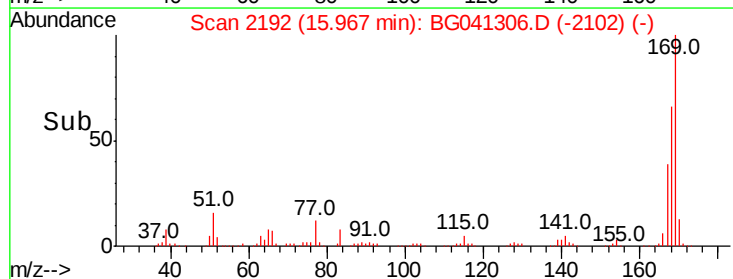
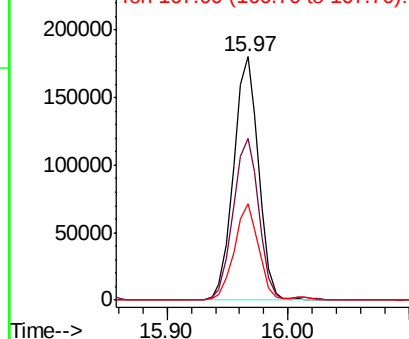
Lab File: BG041306.D

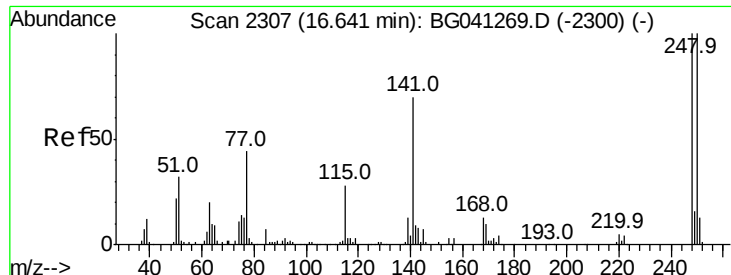
Acq: 18 Jun 2019 20:38

Tgt Ion:	169	Resp:	258840
Ion Ratio	Lower	Upper	
169	100		
168	66.3	55.2	82.8
167	39.5	30.4	45.6



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





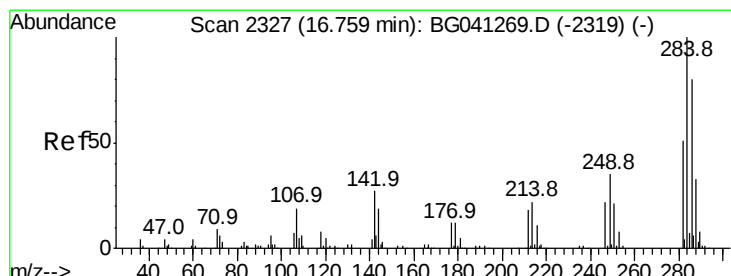
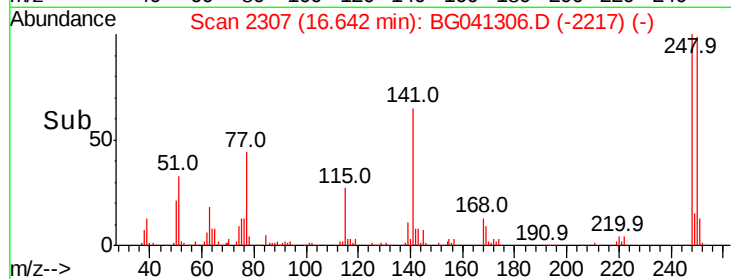
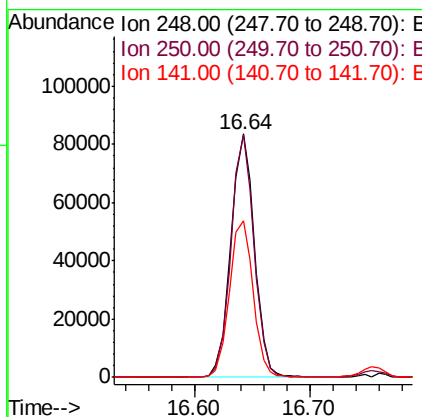
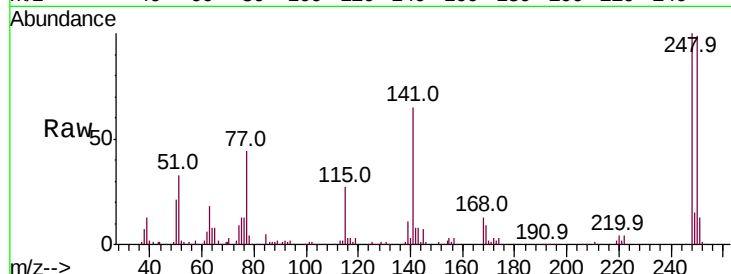
#67
 4-Bromophenyl-phenylether
 Concen: 35.960 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 T-1MSD

Tot Ion:	248	Resp:	118382
Ion Ratio	Lower	Upper	
248	100		
250	99.3	79.8	119.8
141	64.5	55.8	83.6

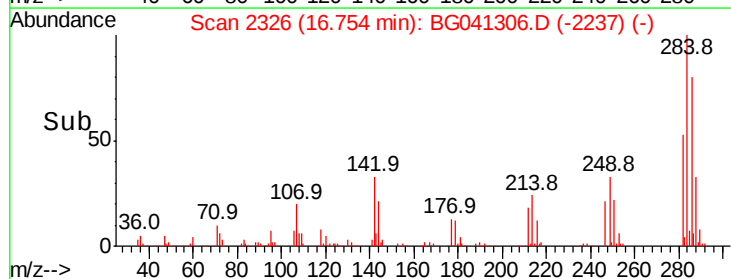
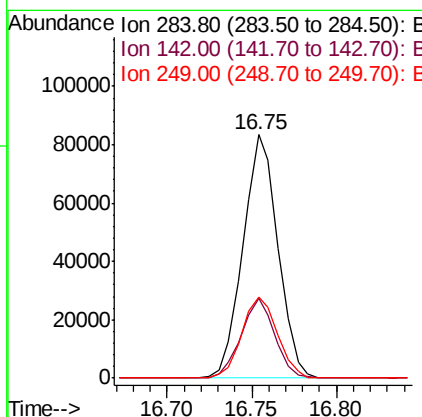
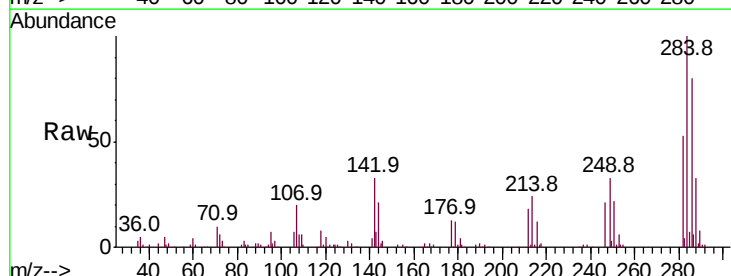
Manual Integrations
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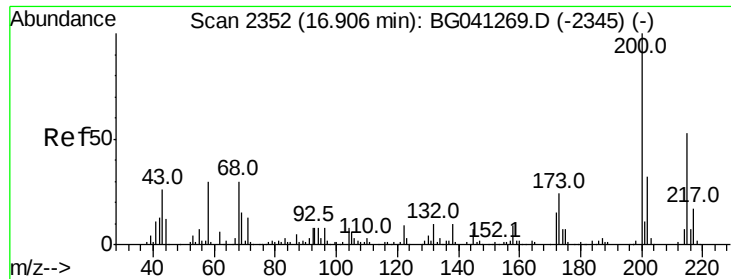
mohammad
 6/21/2019 9:56:58 PM



#68
 Hexachlorobenzene
 Concen: 34.003 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion:	284	Resp:	119868
Ion Ratio	Lower	Upper	
284	100		
142	32.8	21.8	32.8#
249	35.9	27.8	41.6





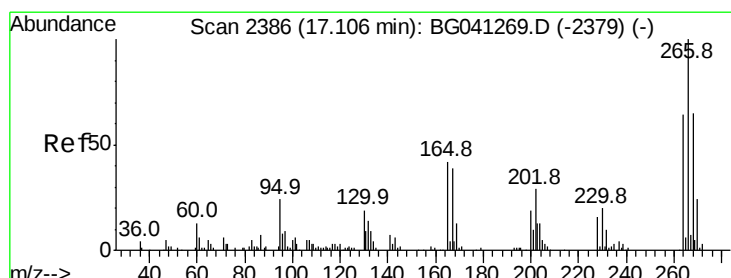
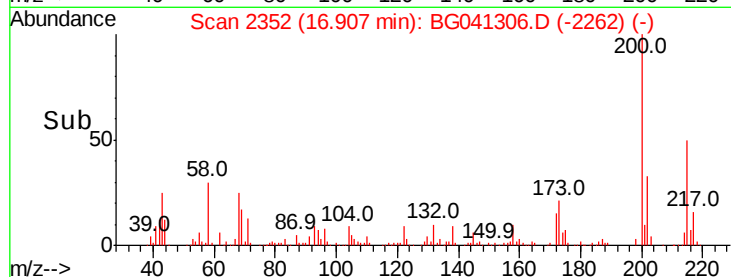
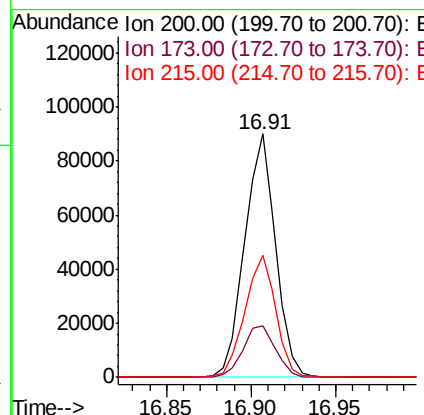
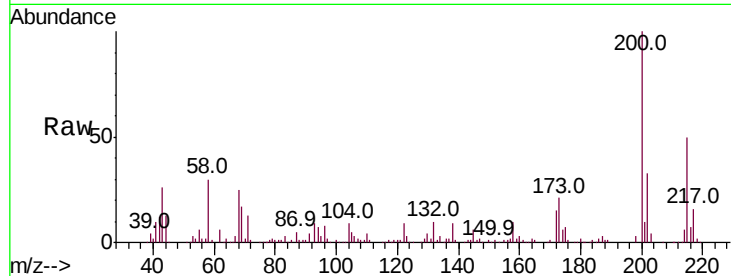
#69
Atrazine
Concen: 50.596 ng
RT: 16.91 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	21.3	4.0	44.0
215	50.2	33.4	73.4

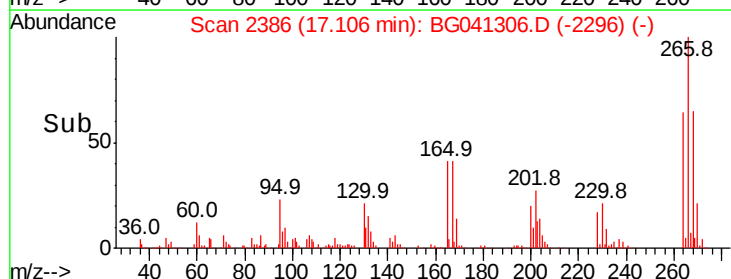
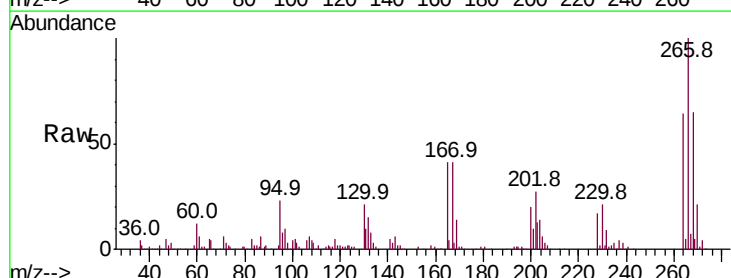
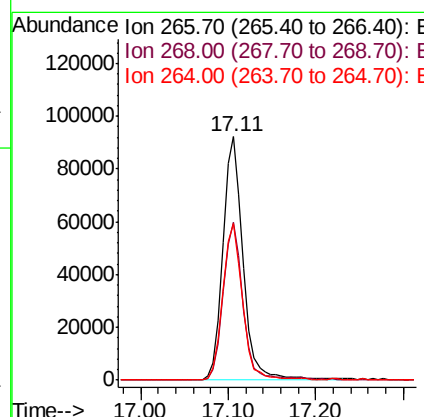
Manual Integrations
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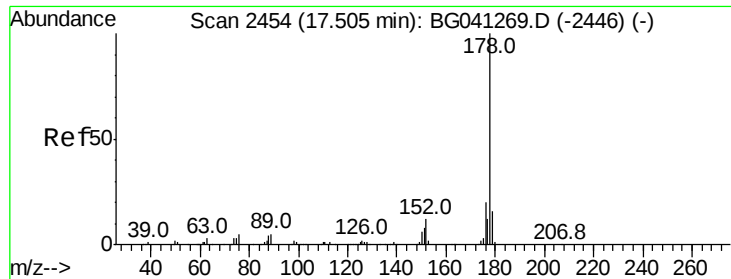
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#70
Pentachlorophenol
Concen: 82.052 ng
RT: 17.11 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	52.0	78.0
264	64.2	51.2	76.8





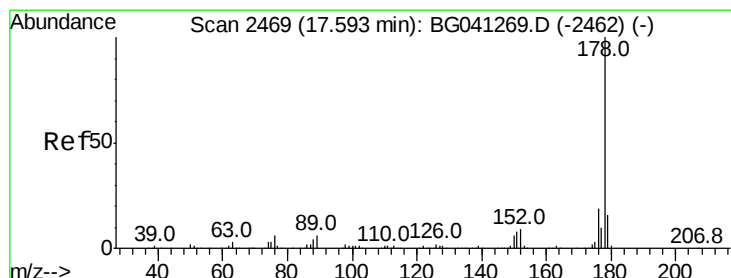
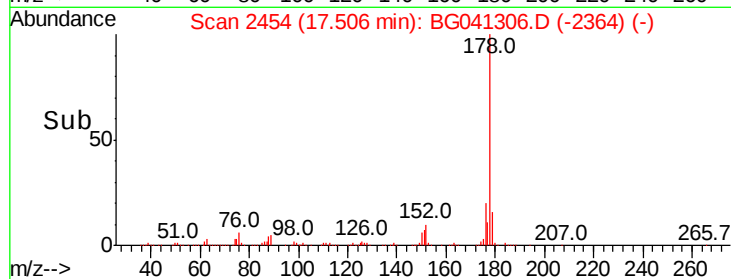
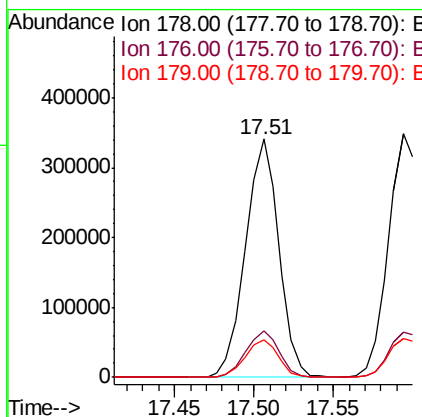
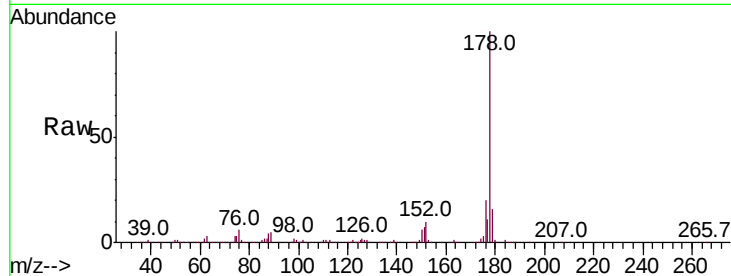
#71
 Phenanthrene
 Concen: 36.627 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.9	12.9	19.3

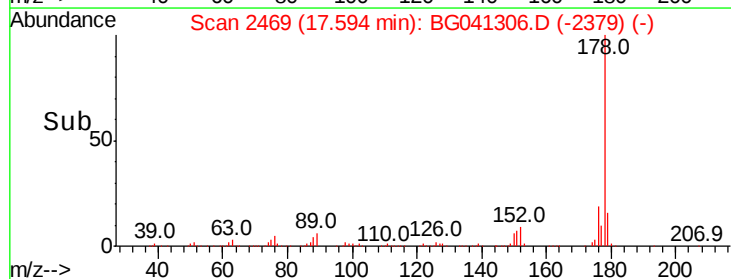
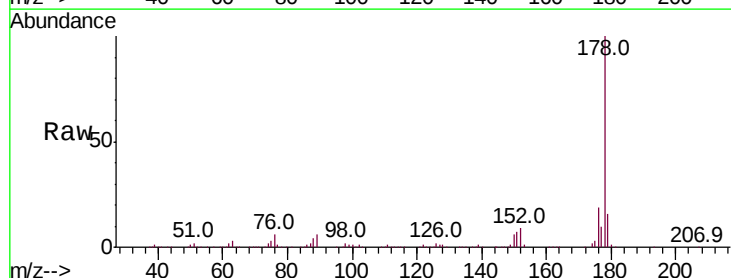
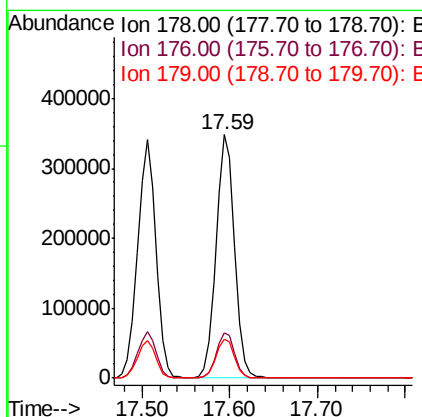
Manual Integrations
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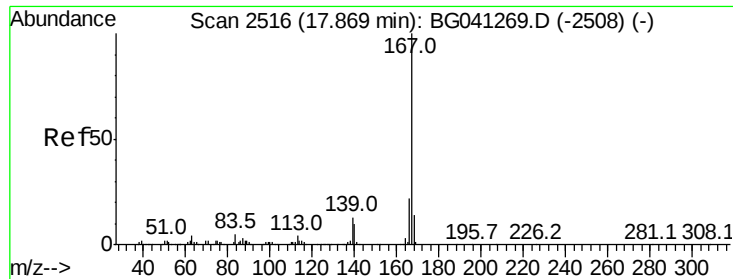
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#72
 Anthracene
 Concen: 38.103 ng
 RT: 17.59 min Scan# 2469
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.1	13.0	19.4





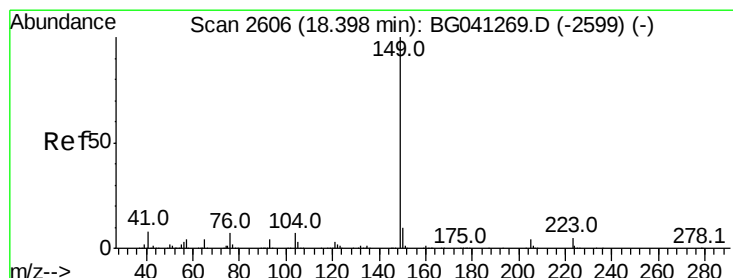
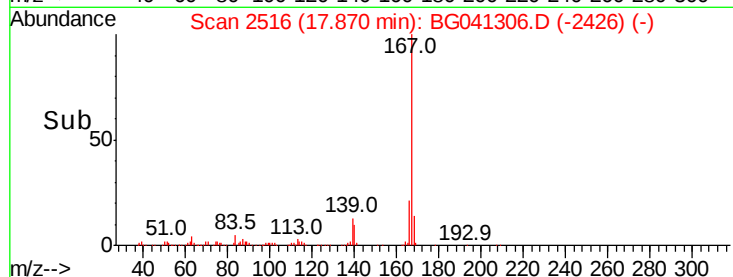
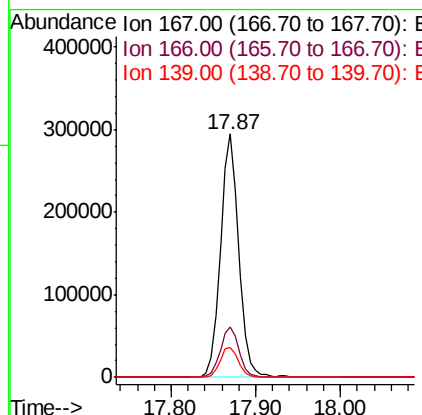
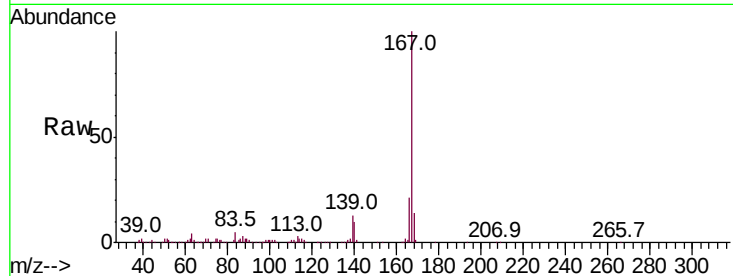
#73
 Carbazole
 Concen: 38.016 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 T-1MSD

Tot Ion:167	Resp: 445177
Ion Ratio	Lower Upper
167 100	
166 20.6	17.9 26.9
139 12.5	10.7 16.1

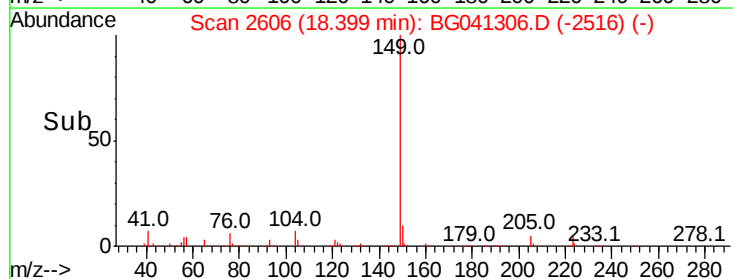
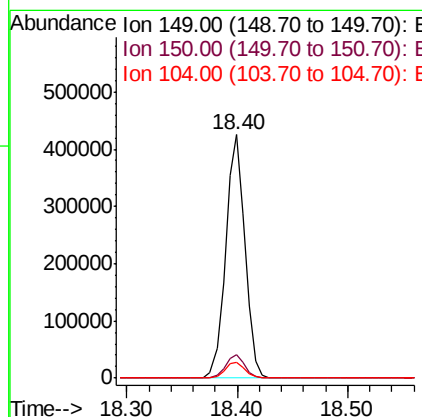
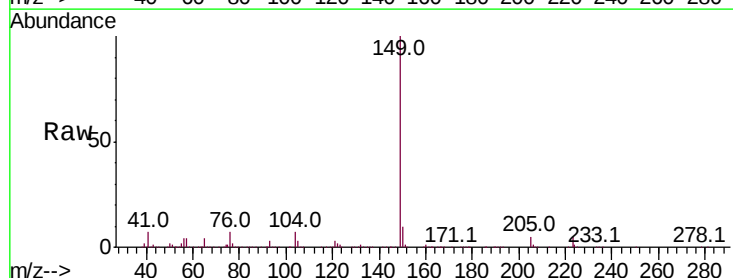
Manual Integrations
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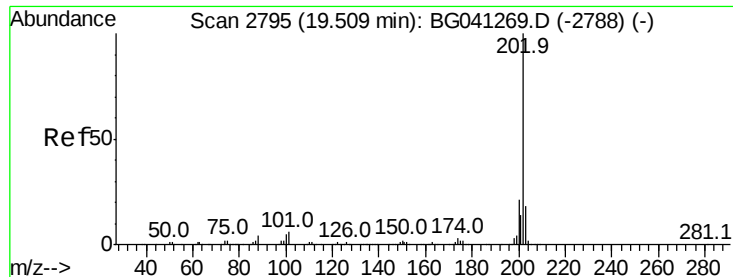
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#74
 Di-n-butylphthalate
 Concen: 35.307 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion:149	Resp: 515888
Ion Ratio	Lower Upper
149 100	
150 9.7	8.1 12.1
104 6.6	5.4 8.0





#75

Fluoranthene

Concen: 36.586 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

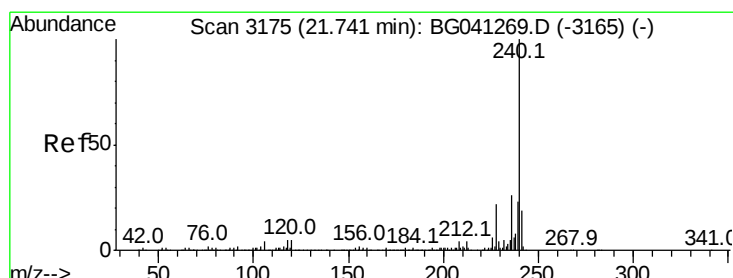
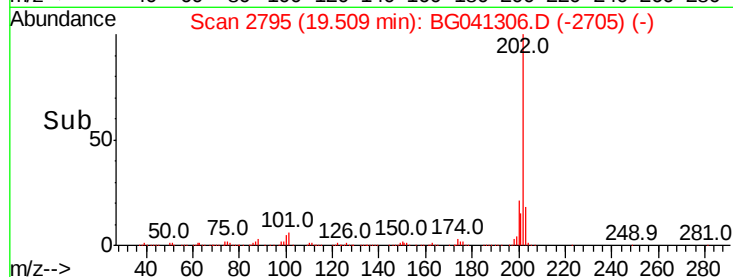
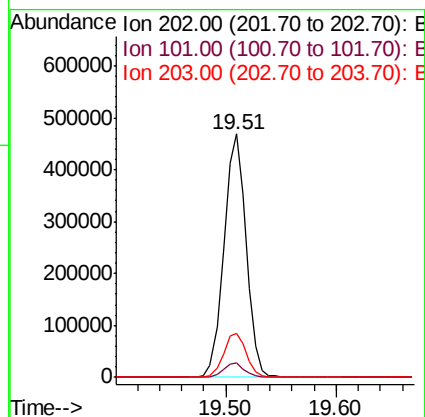
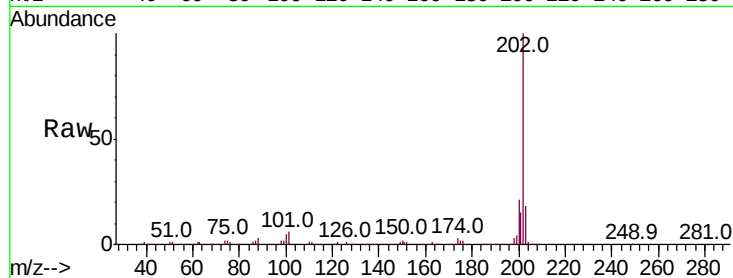
ClientSampleId :

T-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.8	0.0	26.0
203	18.0	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

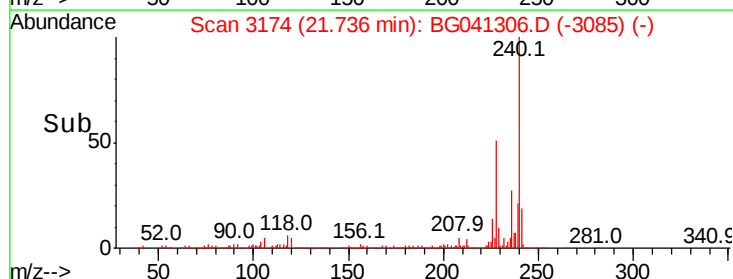
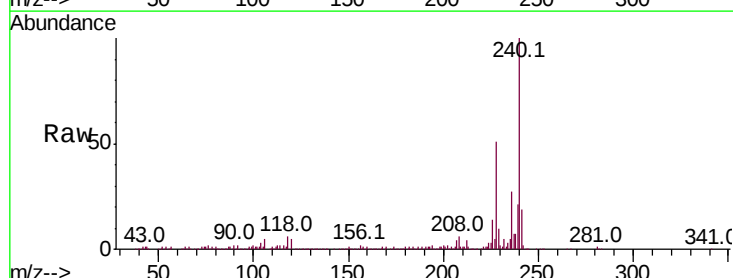
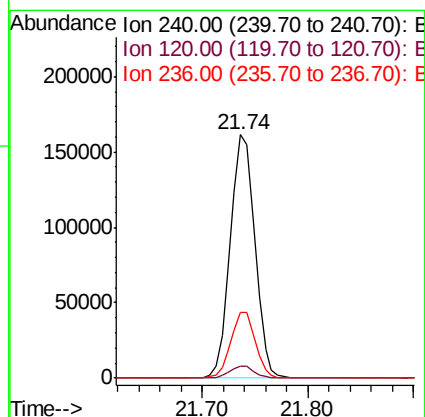
RT: 21.74 min Scan# 3174

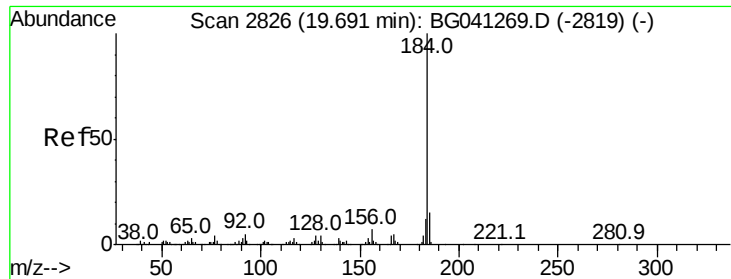
Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.9	3.7	5.5
236	26.8	21.1	31.7





#77

Benzidine

Concen: 23.208 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

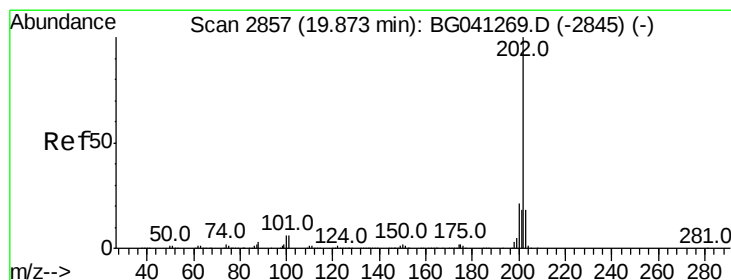
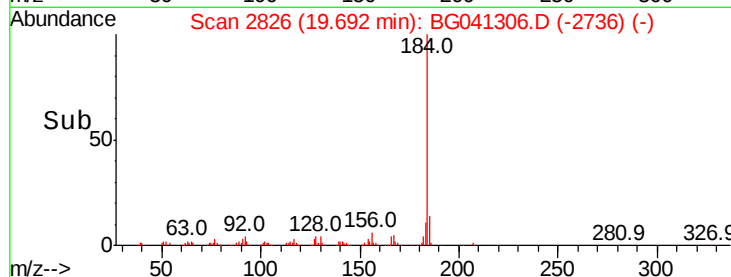
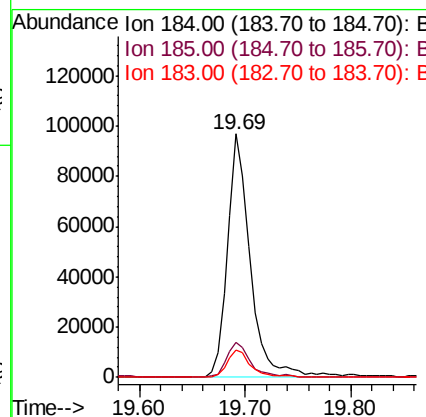
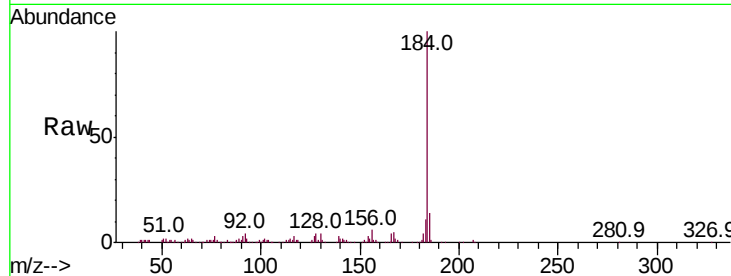
ClientSampleId :

T-1MSD

Tot Ion:	184	Resp:	145571
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.2
183	11.3	9.6	14.4

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#78

Pyrene

Concen: 38.119 ng

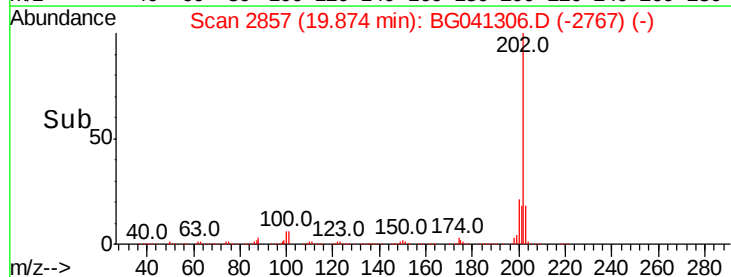
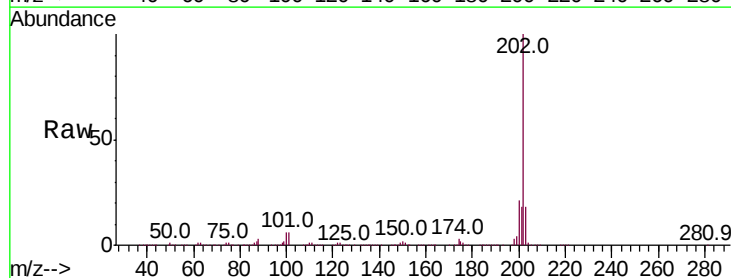
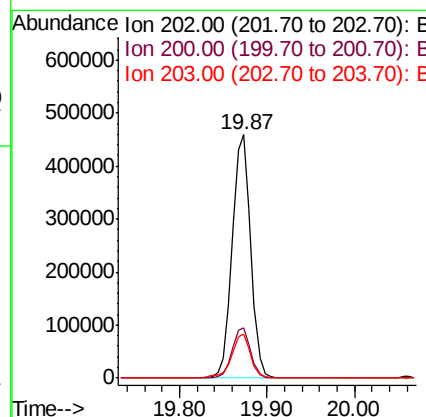
RT: 19.87 min Scan# 2857

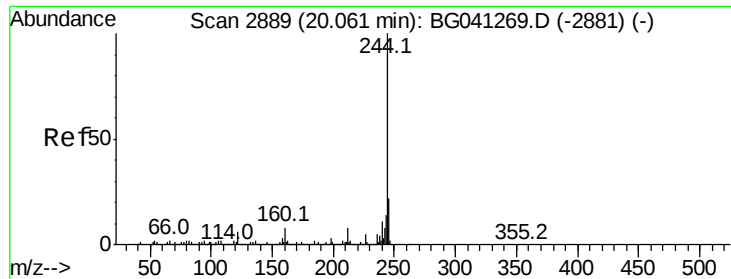
Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	202	Resp:	666668
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	18.2	14.6	21.8





#79

Terphenyl-d14

Concen: 52.149 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

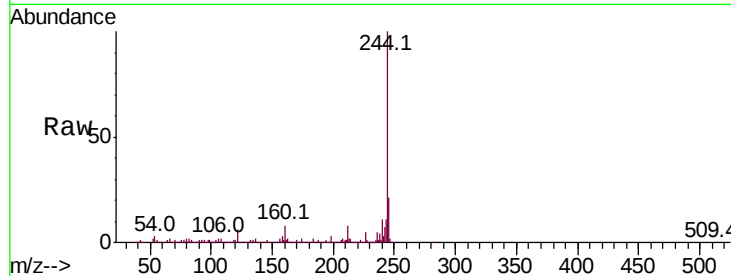
ClientSampleId :

T-1MSD

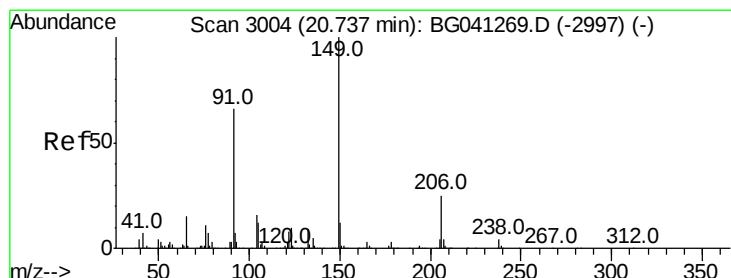
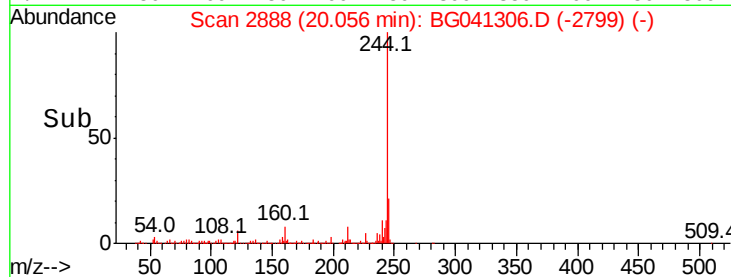
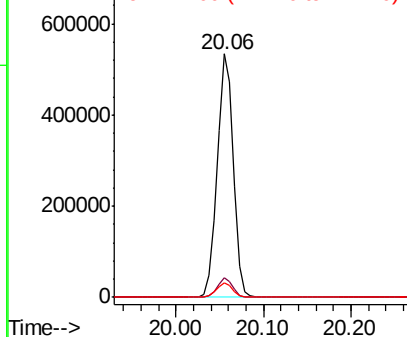
Tot Ion:	244	Resp:	682386
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.6	10.0
122	6.2	5.0	7.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.793 ng

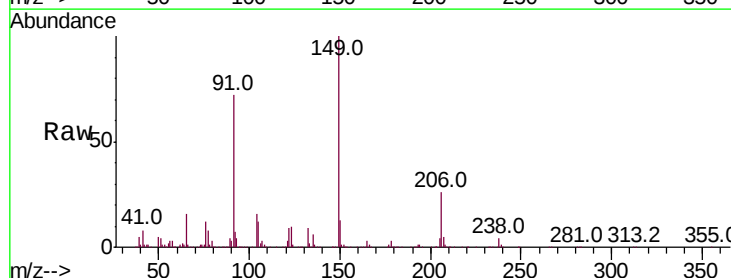
RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

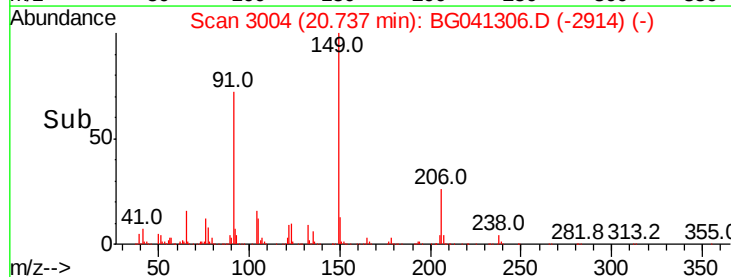
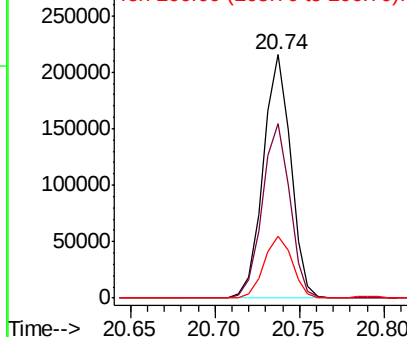
Lab File: BG041306.D

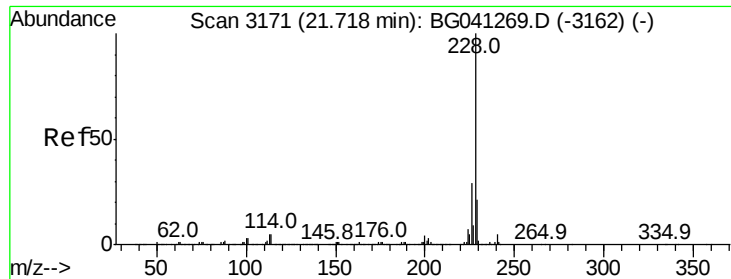
Acq: 18 Jun 2019 20:38

Tgt Ion:	149	Resp:	243392
Ion Ratio	Lower	Upper	
149	100		
91	71.9	53.2	79.8
206	25.6	20.3	30.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.562 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

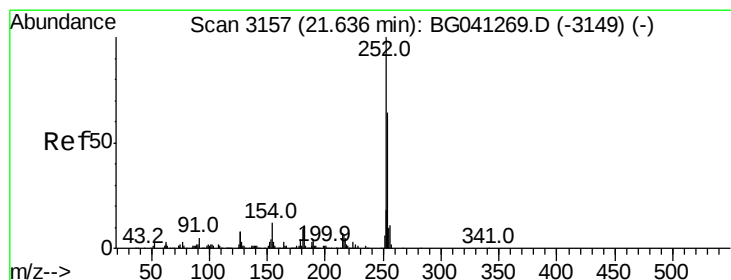
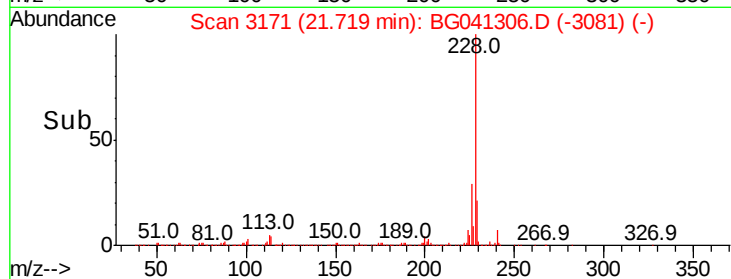
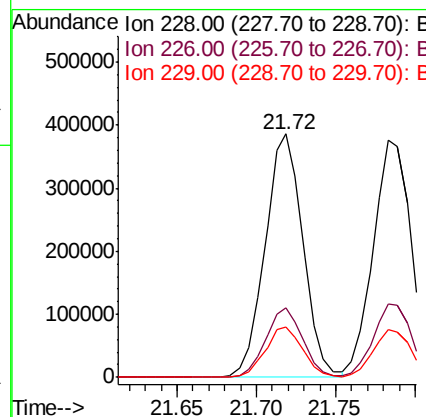
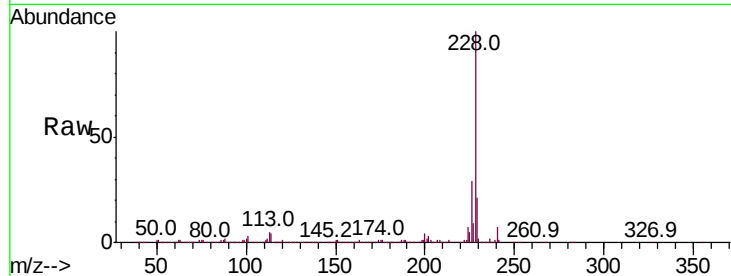
ClientSampled :

T-1MSD

Tot Ion:	228	Resp:	641978
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.2	34.8
229	20.6	16.8	25.2

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#82

3,3'-Dichlorobenzidine

Concen: 14.475 ng

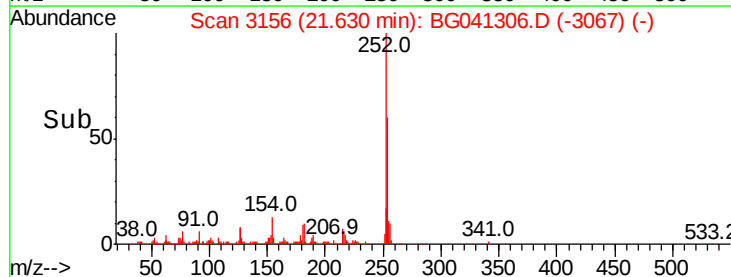
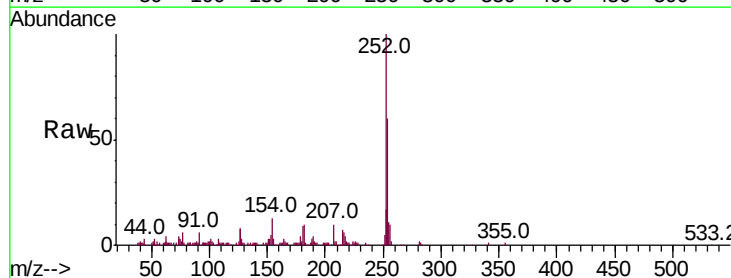
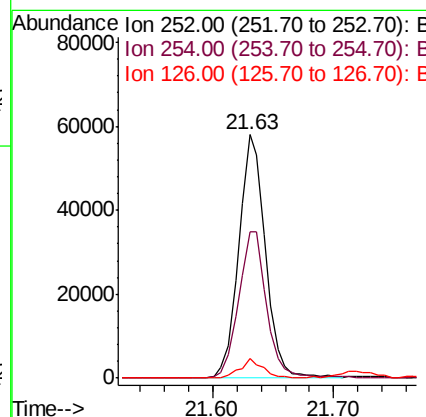
RT: 21.63 min Scan# 3156

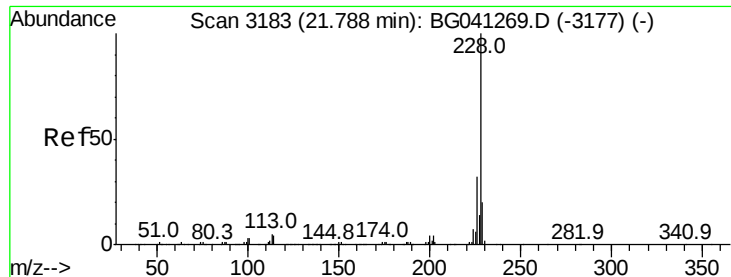
Delta R.T. -0.01 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	252	Resp:	89218
Ion	Ratio	Lower	Upper
252	100		
254	60.3	51.4	77.0
126	8.0	6.0	9.0





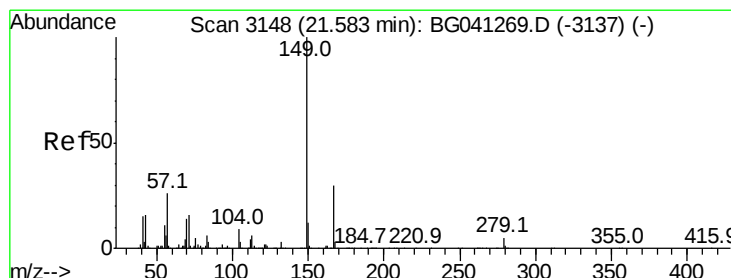
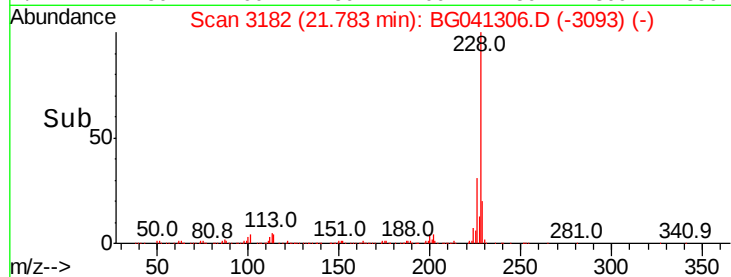
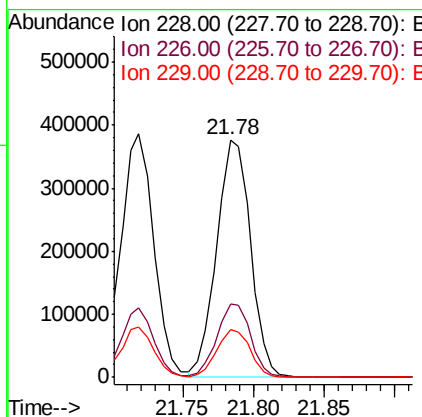
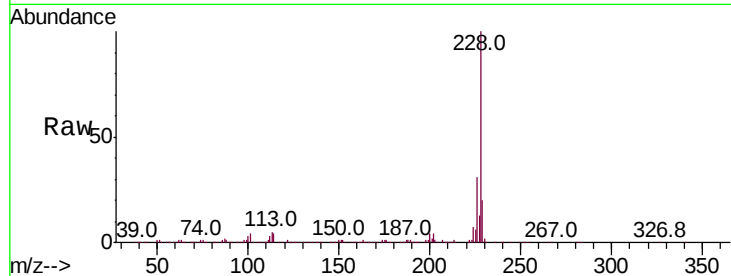
#83
 Chrysene
 Concen: 37.130 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.9	16.2	24.2

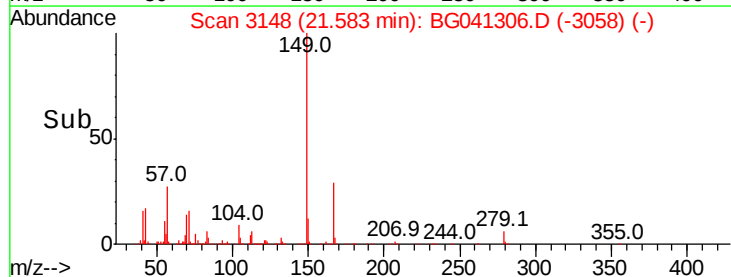
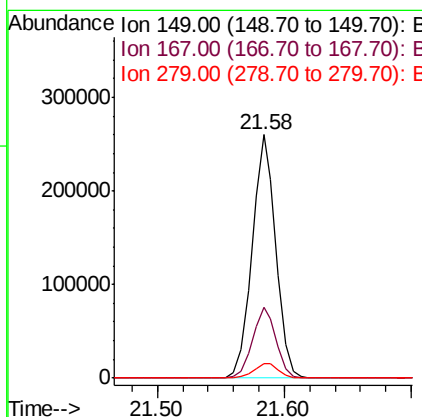
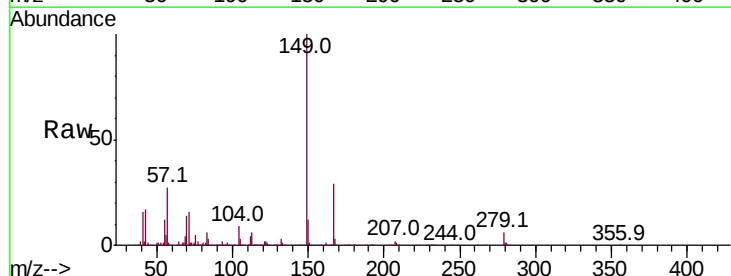
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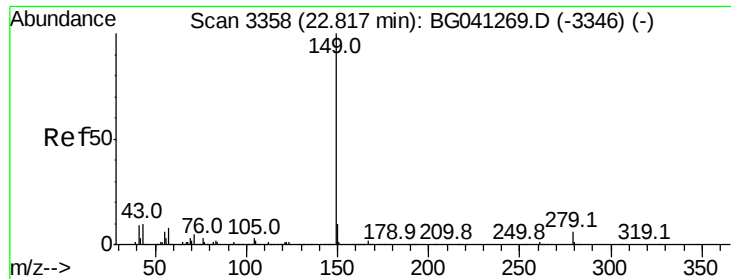
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.286 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG041306.D
 Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.8	35.8
279	5.9	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 36.994 ng

RT: 22.82 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

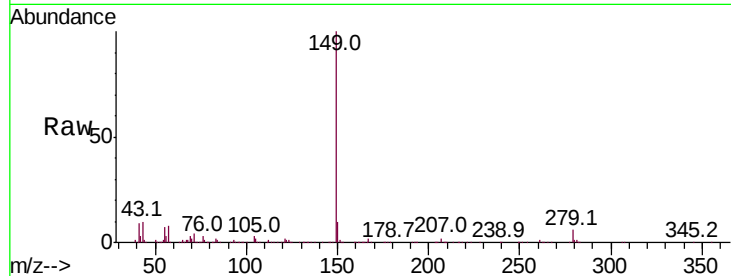
ClientSampleId :

T-1MSD

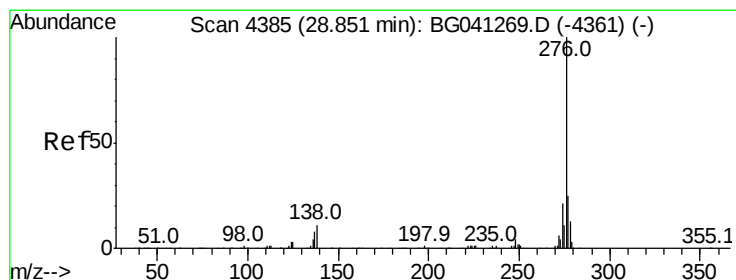
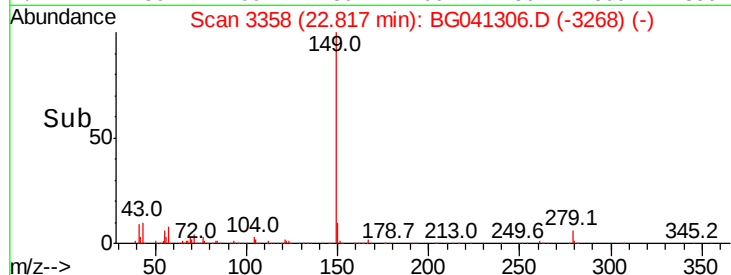
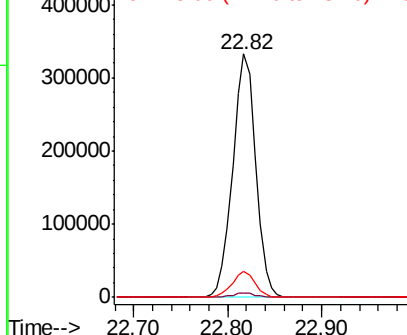
Tot Ion:	149	Resp:	564245
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.4	8.2	12.2

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.593 ng

RT: 28.85 min Scan# 4384

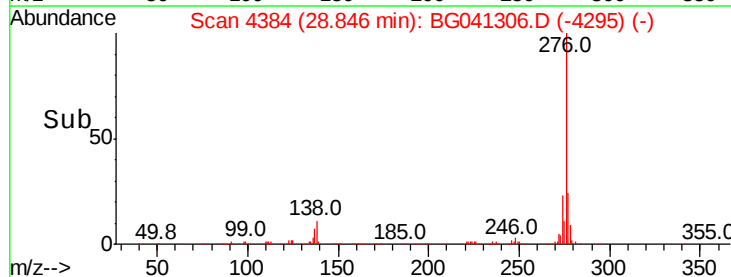
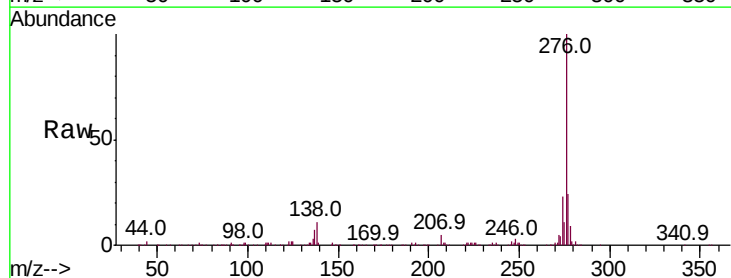
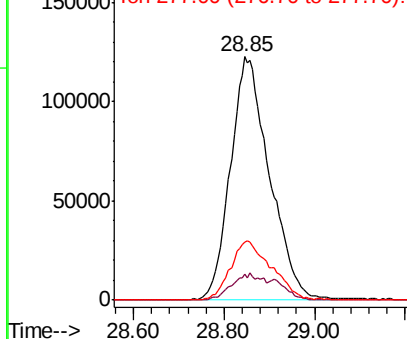
Delta R.T. -0.01 min

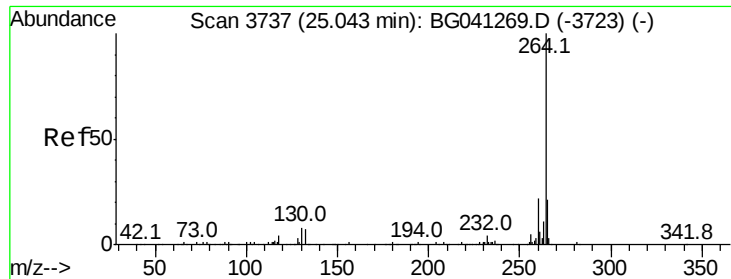
Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	276	Resp:	733085
Ion Ratio	Lower	Upper	
276	100		
138	8.9	7.7	11.5
277	25.5	20.6	31.0

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

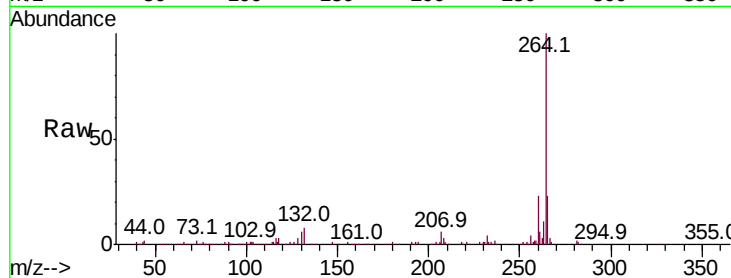
ClientSampled :

T-1MSD

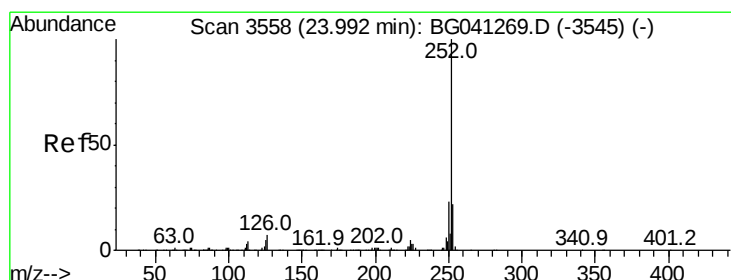
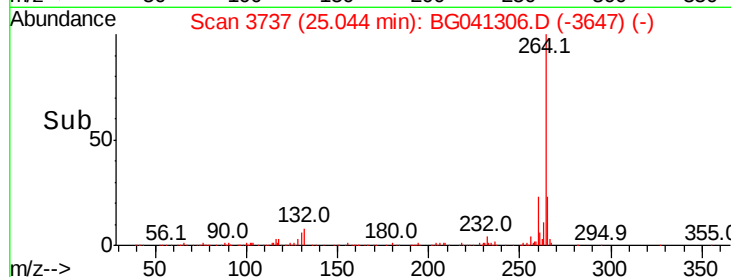
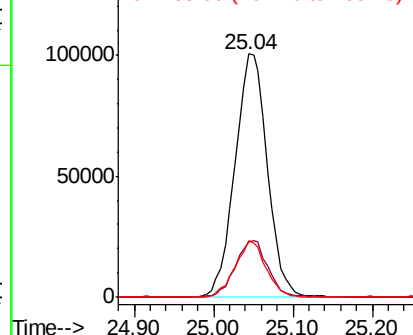
Tot Ion:	264	Resp:	283765
Ion Ratio	Lower	Upper	
264	100		
260	22.8	17.4	26.2
265	23.1	17.2	25.8

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



#88

Benzo(b)fluoranthene

Concen: 36.040 ng

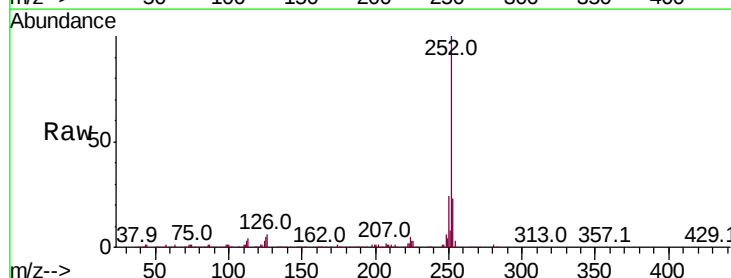
RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

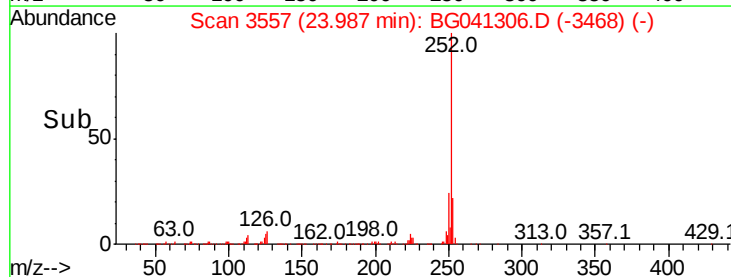
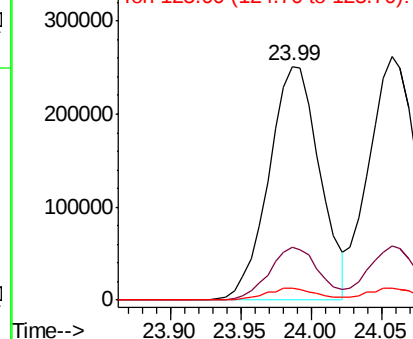
Lab File: BG041306.D

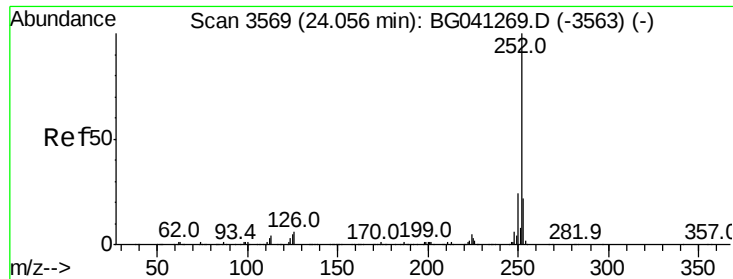
Acq: 18 Jun 2019 20:38

Tgt Ion:	252	Resp:	633804
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	5.2	3.9	5.9



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





#89

Benzo(k)fluoranthene

Concen: 35.593 ng

RT: 24.06 min Scan# 3569

Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Instrument :

BNA_G

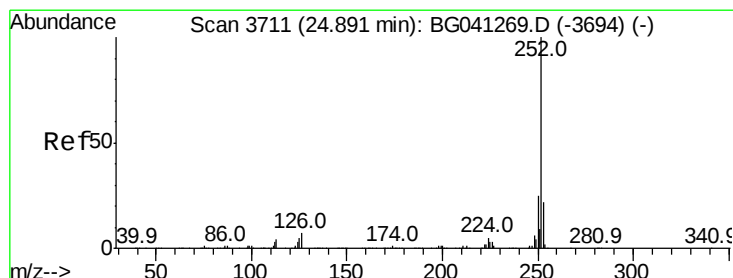
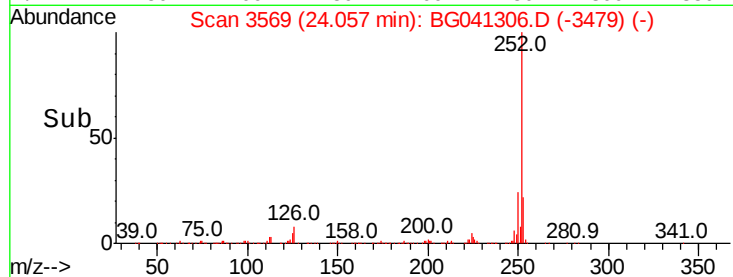
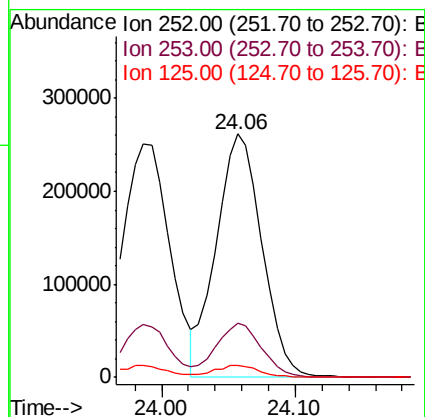
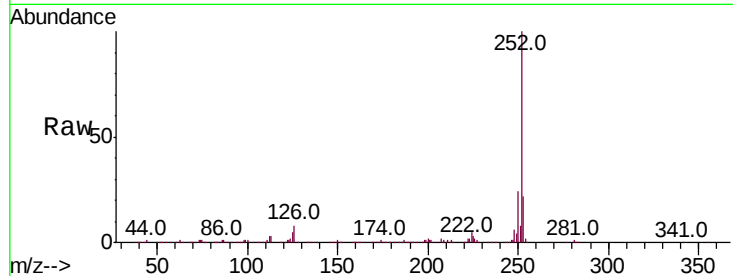
ClientSampleId :

T-1MSD

Tot Ion:	252	Resp:	620072
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	4.7	4.3	6.5

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#90

Benzo(a)pyrene

Concen: 37.247 ng

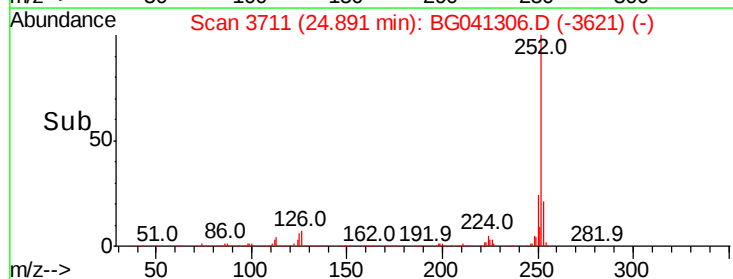
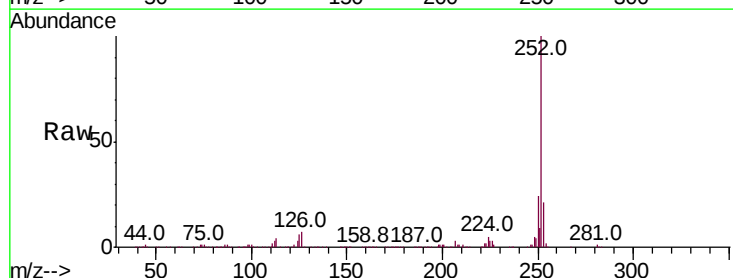
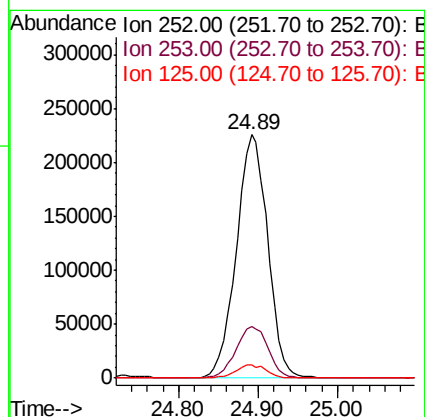
RT: 24.89 min Scan# 3711

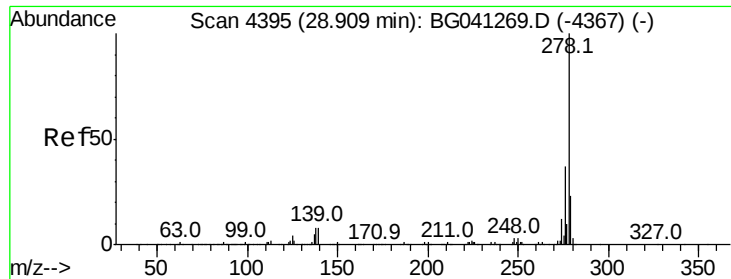
Delta R.T. 0.00 min

Lab File: BG041306.D

Acq: 18 Jun 2019 20:38

Tgt Ion:	252	Resp:	618617
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.6
125	5.6	4.2	6.4





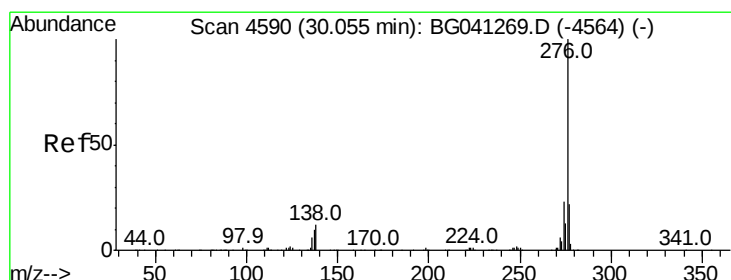
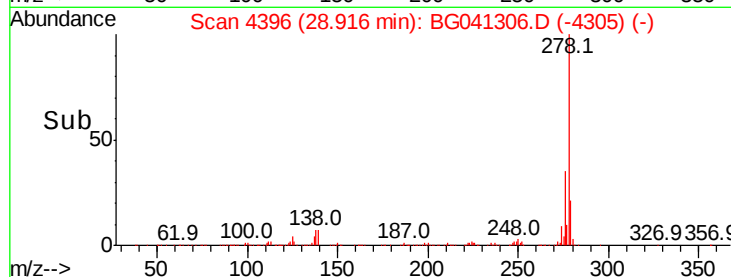
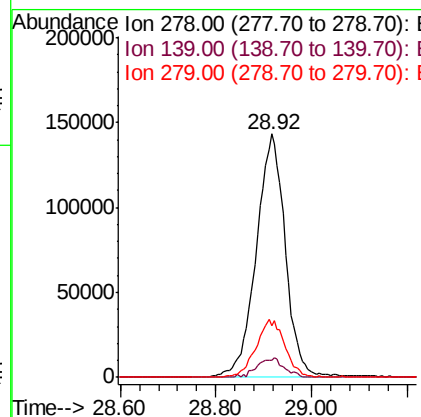
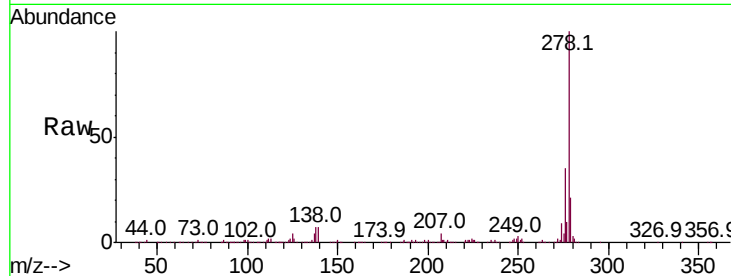
#91
Dibenzo(a,h)anthracene
Concen: 36.110 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.1	6.6	10.0
279	21.2	18.5	27.7

Manual Integrations
APPROVED

mohammad
6/21/2019 9:56:58 PM



#92
Benzo(g,h,i)perylene
Concen: 35.871 ng
RT: 30.06 min Scan# 4591
Delta R.T. 0.01 min
Lab File: BG041306.D
Acq: 18 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	10.5	9.4	14.0

