

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041442.D
 Acq On : 25 Jun 2019 4:11
 Operator : HP/JU
 Sample : K3500-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:24:41 AM

Quant Time: Jun 25 06:55:10 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	8.04	152	30909	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	124740	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	88859	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	216921	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	213194	20.00	ng	-0.03
87) Perylene-d12	24.99	264	166201	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	168686	100.28	ng	-0.04
7) Phenol-d6	7.20	99	262468	107.64	ng	-0.03
23) Nitrobenzene-d5	9.22	82	189542	63.90	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	141580	103.78	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	454279	69.48	ng	-0.03
79) Terphenyl-d14	20.03	244	756003	70.28	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	16371	19.408 ng	97
3) Pyridine	3.84	79	22359	9.992 ng	95
4) n-Nitrosodimethylamine	3.76	42	29393	24.630 ng	# 89
6) Aniline	7.37	93	19316	5.699 ng	95
8) 2-Chlorophenol	7.61	128	64368	32.565 ng	92
9) Benzaldehyde	7.18	77	50478	32.366 ng	98
10) Phenol	7.23	94	84054	32.056 ng	94
11) bis(2-Chloroethyl)ether	7.46	93	56036	28.165 ng	95
12) 1,3-Dichlorobenzene	7.93	146	69500	28.082 ng	92
13) 1,4-Dichlorobenzene	8.08	146	69525	27.501 ng	91
14) 1,2-Dichlorobenzene	8.40	146	70299	29.113 ng	95
15) Benzyl Alcohol	8.29	79	64340	27.540 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	76788	23.577 ng	97
17) 2-Methylphenol	8.49	107	58448	31.179 ng	98
18) Hexachloroethane	9.12	117	24823	24.778 ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	54156	27.461 ng	98
20) 3+4-Methylphenols	8.82	107	80069	32.085 ng	93
22) Acetophenone	8.88	105	106692	29.392 ng	96
24) Nitrobenzene	9.27	77	90876	30.464 ng	94
25) Isophorone	9.78	82	155401	28.558 ng	96
26) 2-Nitrophenol	9.98	139	36904	30.515 ng	99
27) 2,4-Dimethylphenol	10.03	122	64635	35.655 ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	81639	28.794 ng	95
29) 2,4-Dichlorophenol	10.52	162	77629	34.537 ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	89784	31.189 ng	99
31) Naphthalene	10.92	128	211774	31.238 ng	99
32) Benzoic acid	10.15	122	17977m	15.234 ng	
33) 4-Chloroaniline	11.04	127	22521	7.822 ng	92
34) Hexachlorobutadiene	11.17	225	64018	28.016 ng	99
35) Caprolactam	11.82	113	22511m	29.091 ng	
36) 4-Chloro-3-methylphenol	12.15	107	81404	31.354 ng	97
37) 2-Methylnaphthalene	12.52	142	158995	31.842 ng	97
38) 1-Methylnaphthalene	12.74	142	151249	31.660 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	121619	33.145 ng	99

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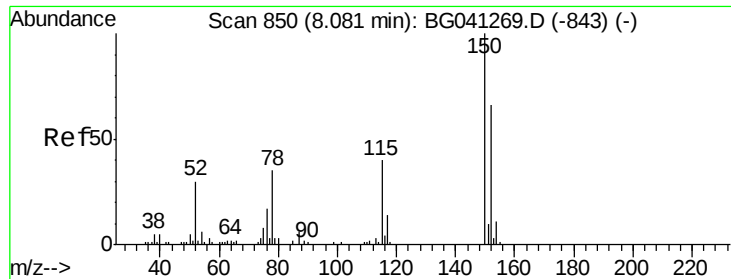
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	58374	23.618	nq	98
43) 2,4,6-Trichlorophenol	13.12	196	74476	32.811	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	77523	33.193	nq	95
46) 1,1'-Biphenyl	13.52	154	213090	31.721	nq	99
47) 2-Chloronaphthalene	13.57	162	182043	31.476	nq	100
48) 2-Nitroaniline	13.78	65	61772	29.163	nq	98
49) Acenaphthylene	14.41	152	281403	32.064	nq	99
50) Dimethylphthalate	14.14	163	300020	37.947	nq	100
51) 2,6-Dinitrotoluene	14.27	165	50473	30.276	nq	90
52) Acenaphthene	14.75	154	162341	31.501	nq	98
53) 3-Nitroaniline	14.61	138	30030	18.283	nq	# 94
54) 2,4-Dinitrophenol	14.82	184	17215	18.337	nq	96
55) Dibenzofuran	15.08	168	285475	31.860	nq	99
56) 4-Nitrophenol	14.92	139	73355	59.642	nq	94
57) 2,4-Dinitrotoluene	15.06	165	66669	27.358	nq	98
58) Fluorene	15.73	166	221523	31.428	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79355	32.857	nq	# 99
60) Diethylphthalate	15.49	149	234107	29.132	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	139865	30.498	nq	98
62) 4-Nitroaniline	15.77	138	43712	24.883	nq	99
63) Azobenzene	16.01	77	210646	29.382	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	18814	13.362	nq	93
66) n-Nitrosodiphenylamine	15.94	169	194858	33.831	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	91225	32.524	nq	91
68) Hexachlorobenzene	16.73	284	94096	31.328	nq	94
69) Atrazine	16.88	200	81061	36.250	nq	95
70) Pentachlorophenol	17.08	266	105084	68.326	nq	100
71) Phenanthrene	17.48	178	371430	32.105	nq	98
72) Anthracene	17.57	178	375721	32.942	nq	99
73) Carbazole	17.84	167	320908	32.163	nq	99
74) Di-n-butylphthalate	18.37	149	381391	30.635	nq	98
75) Fluoranthene	19.48	202	478541	31.135	nq	99
77) Benzidine	19.67	184	67247	13.041	nq	97
78) Pyrene	19.85	202	486333	33.825	nq	100
80) Butylbenzylphthalate	20.71	149	173075	31.825	nq	97
81) Benzo(a)anthracene	21.69	228	452077	31.318	nq	97
82) 3,3'-Dichlorobenzidine	21.60	252	112266	22.155	nq	96
83) Chrysene	21.75	228	481123	34.658	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	247105	33.341	nq	96
85) Di-n-octyl phthalate	22.77	149	414954	33.093	nq	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	308135	18.709	nq	# 95
88) Benzo(b)fluoranthene	23.94	252	335852	32.607	nq	98
89) Benzo(k)fluoranthene	24.01	252	384364	37.669	nq	99
90) Benzo(a)pyrene	24.83	252	342836	35.244	nq	99
91) Dibenzo(a,h)anthracene	28.83	278	243361	24.850	nq	99
92) Benzo(g,h,i)perylene	29.95	276	199351	20.598	nq	# 96

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



#1

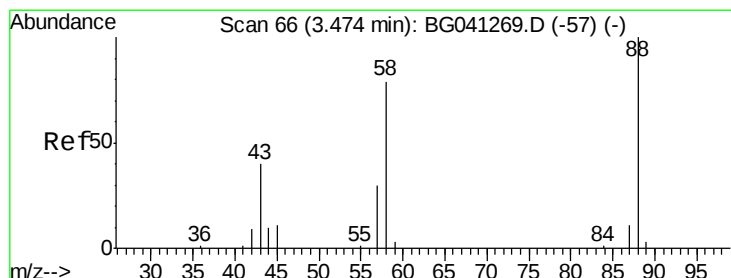
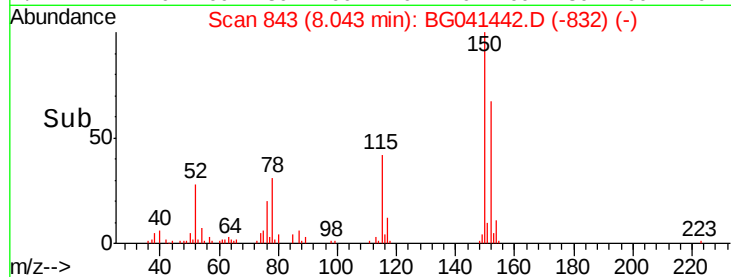
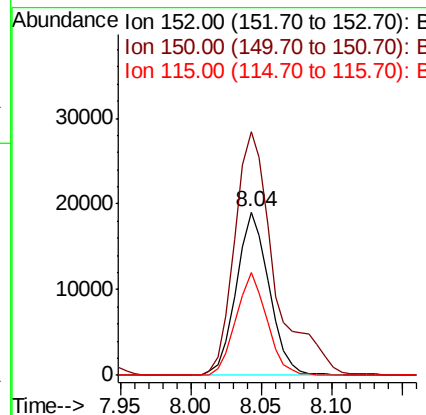
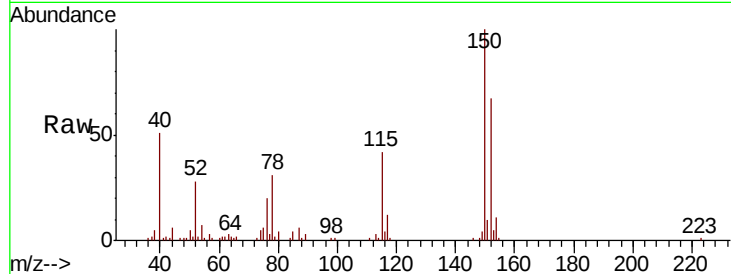
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	120.6	181.0
115	62.6	47.9	71.9

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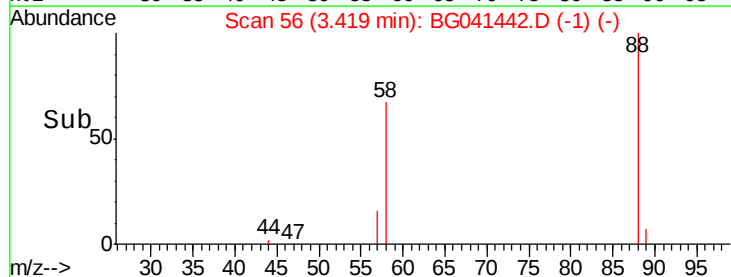
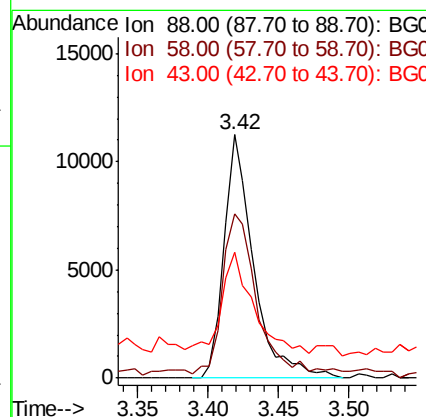
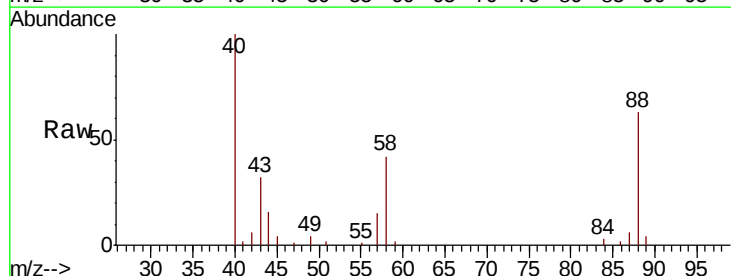
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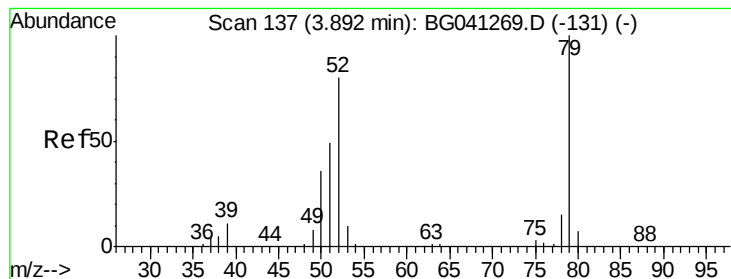


#2

1,4-Dioxane
Concen: 19.408 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.06 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	59.7	89.5
43	45.3	31.9	47.9





#3

Pvridine

Concen: 9.992 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.05 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

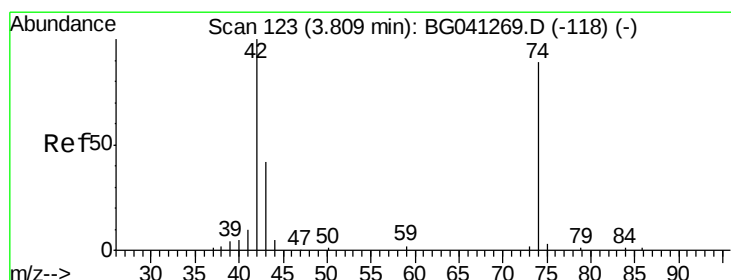
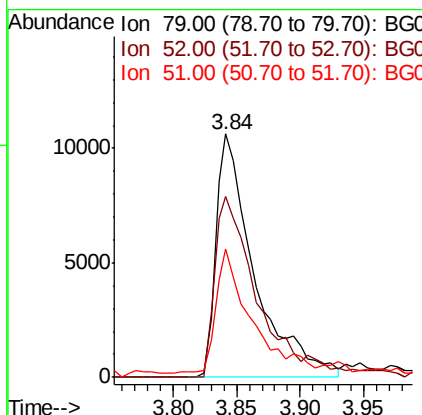
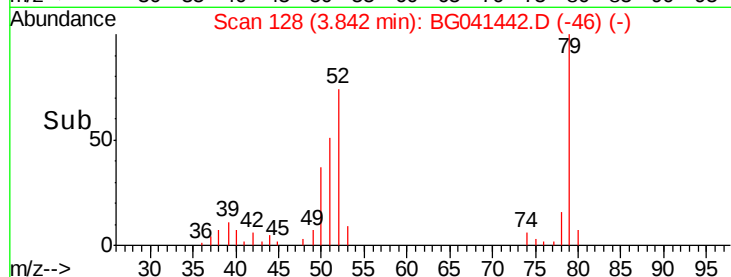
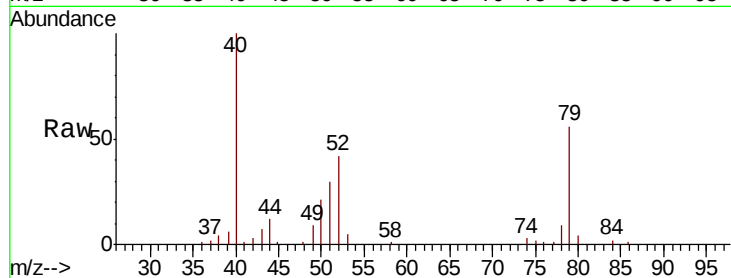
ClientSampled :

B-2(9-10)MSD

Tot Ion:	79	Resp:	22359
Ion Ratio	Lower	Upper	
79	100		
52	74.2	63.6	95.4
51	52.7	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 24.630 ng

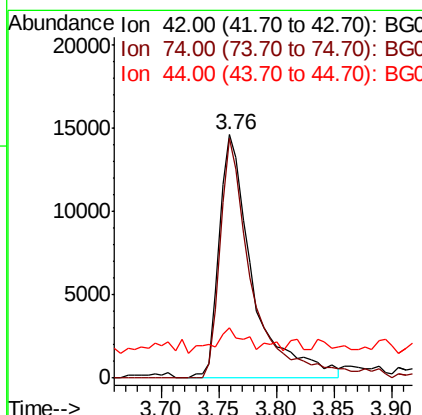
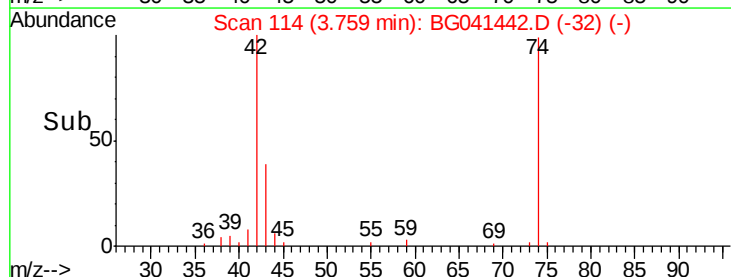
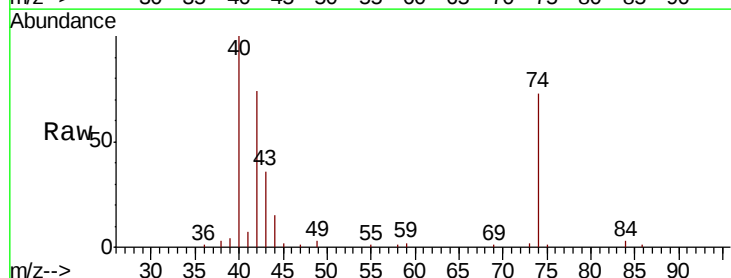
RT: 3.76 min Scan# 114

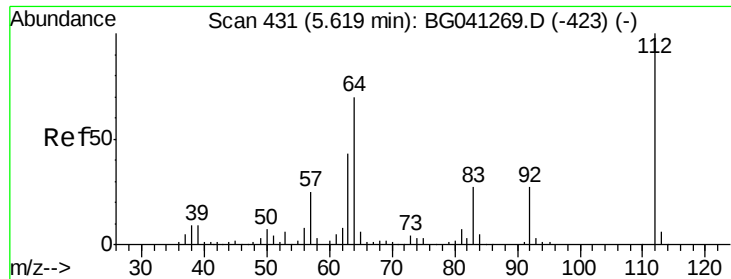
Delta R.T. -0.05 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Tgt Ion:	42	Resp:	29393
Ion Ratio	Lower	Upper	
42	100		
74	98.5	71.6	107.4
44	20.5	9.0	13.4#





#5

2-Fluorophenol

Concen: 100.277 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

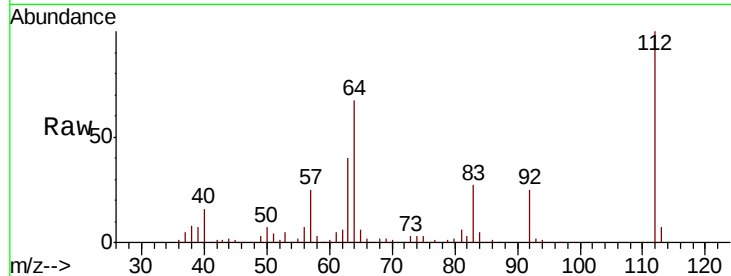
ClientSampled :

B-2(9-10)MSD

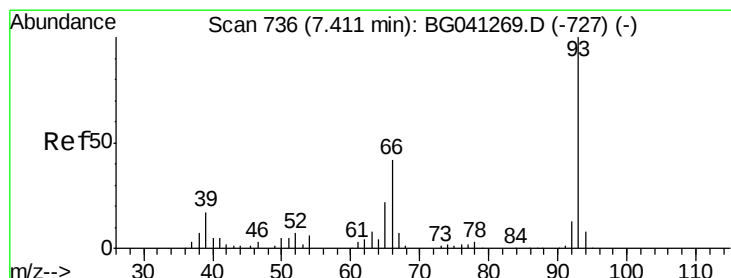
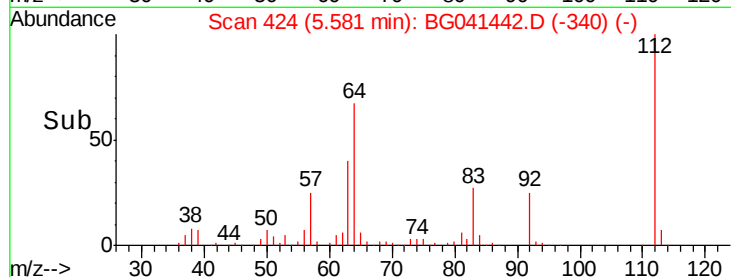
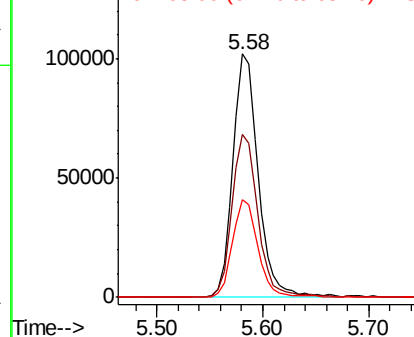
Tot Ion:	112	Resp:	168686
Ion Ratio	Lower	Upper	
112	100		
64	67.0	55.9	83.9
63	39.9	34.6	51.8

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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: 5.699 ng

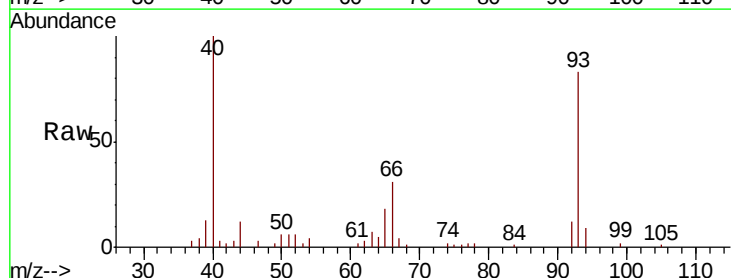
RT: 7.37 min Scan# 729

Delta R.T. -0.04 min

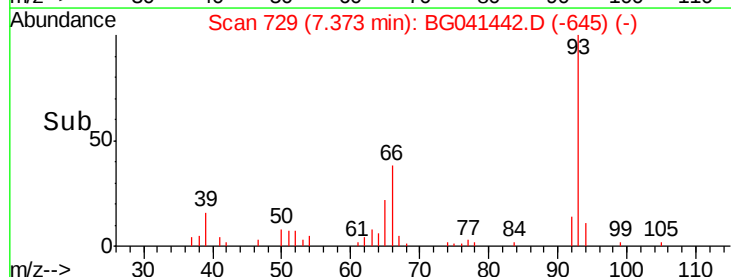
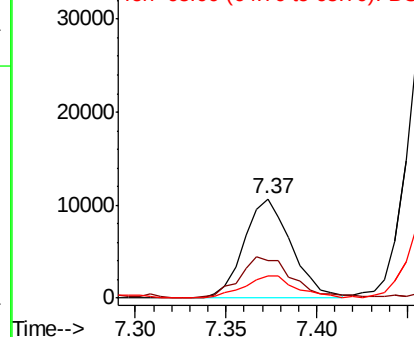
Lab File: BG041442.D

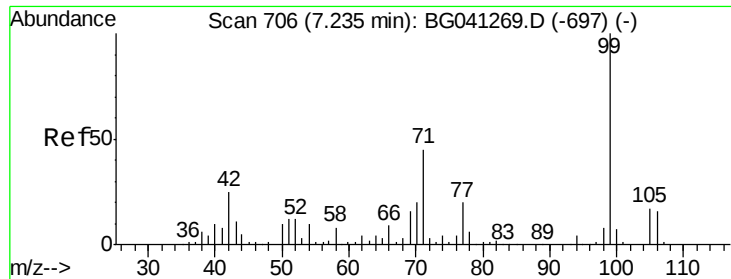
Acq: 25 Jun 2019 4:11

Tgt Ion:	93	Resp:	19316
Ion Ratio	Lower	Upper	
93	100		
66	37.9	34.2	51.2
65	22.4	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: 107.641 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

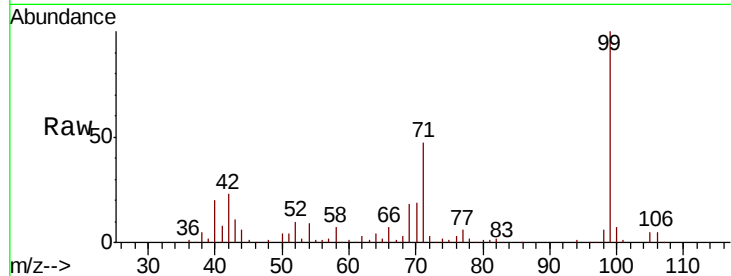
ClientSampleId :

B-2(9-10)MSD

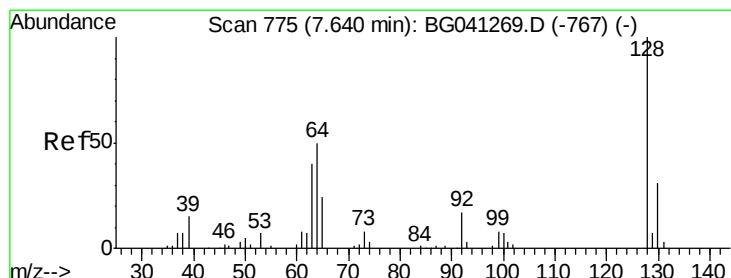
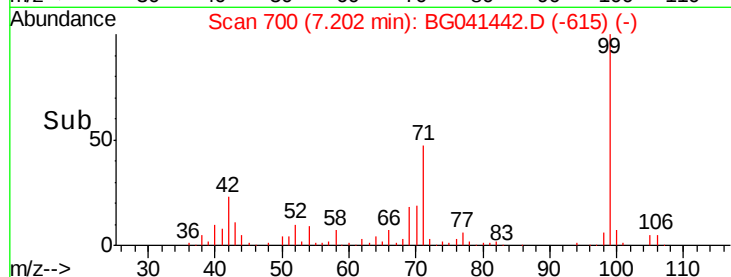
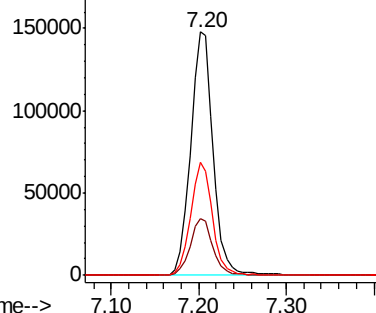
Tot Ion:	99	Resp:	262468
Ion Ratio	Lower	Upper	
99	100		
42	23.4	19.9	29.9
71	46.6	36.4	54.6

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 32.565 ng

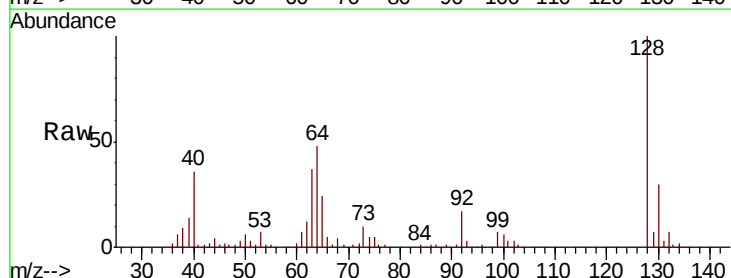
RT: 7.61 min Scan# 769

Delta R.T. -0.03 min

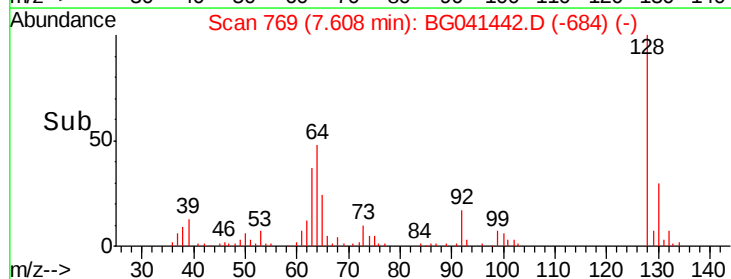
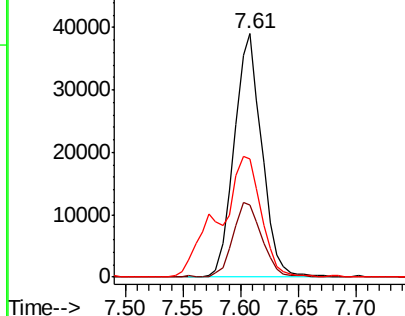
Lab File: BG041442.D

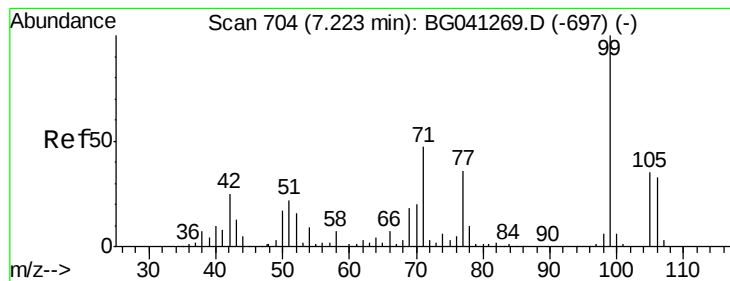
Acq: 25 Jun 2019 4:11

Tgt Ion:	128	Resp:	64368
Ion Ratio	Lower	Upper	
128	100		
130	29.6	11.1	51.1
64	48.4	36.6	76.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.366 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

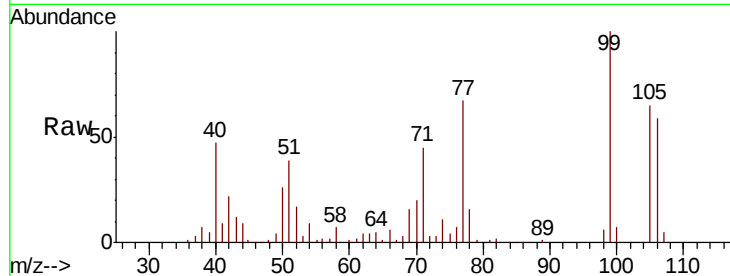
ClientSampleId :

B-2(9-10)MSD

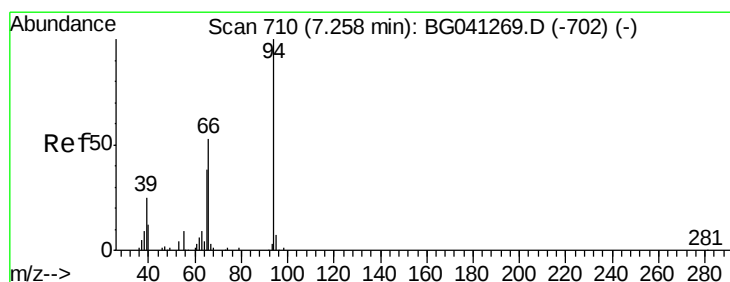
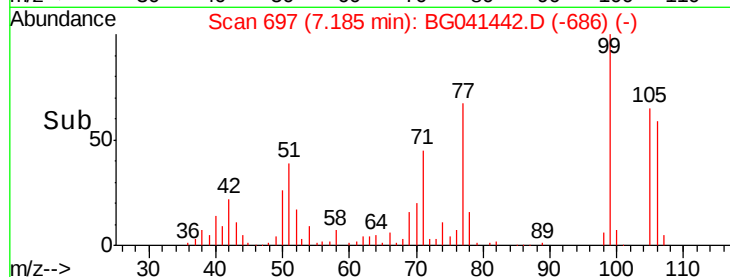
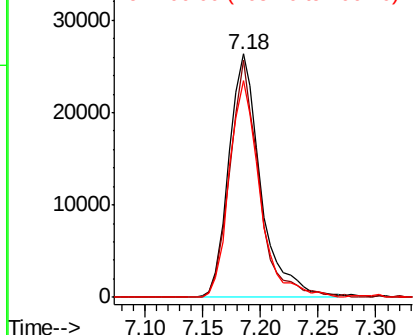
Tot Ion:	77	Resp:	50478
Ion Ratio	Lower	Upper	
77	100		
105	97.2	78.7	118.7
106	88.8	71.1	111.1

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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: 32.056 ng

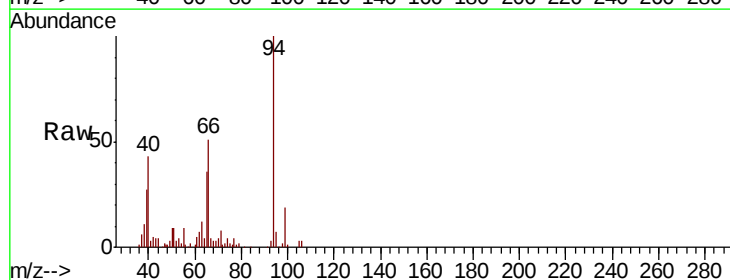
RT: 7.23 min Scan# 705

Delta R.T. -0.03 min

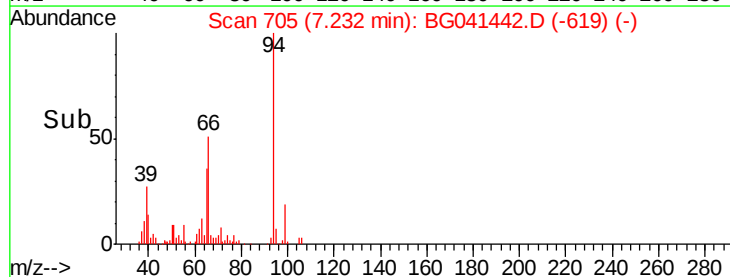
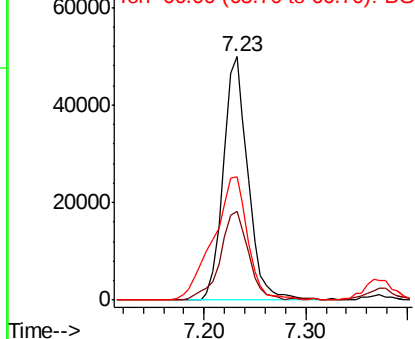
Lab File: BG041442.D

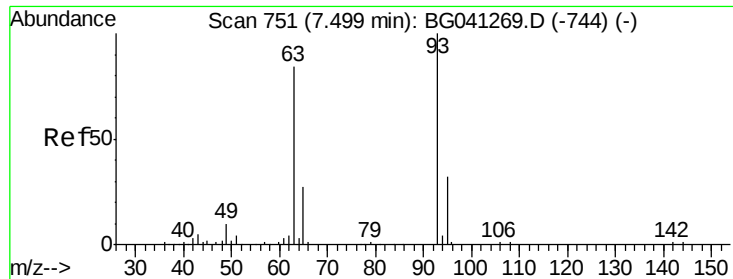
Acq: 25 Jun 2019 4:11

Tgt Ion:	94	Resp:	84054
Ion Ratio	Lower	Upper	
94	100		
65	36.3	18.7	58.7
66	50.5	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





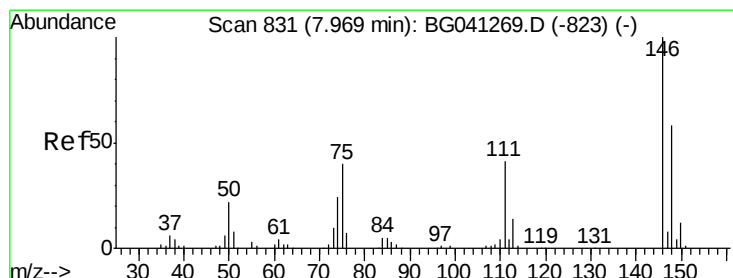
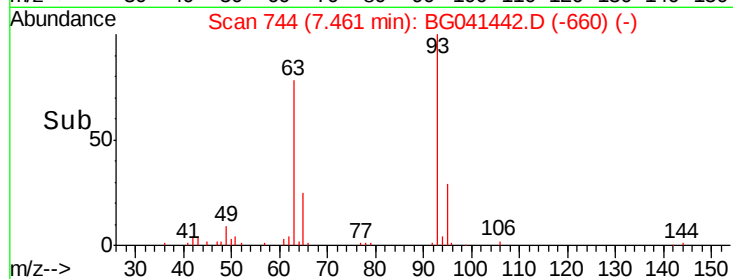
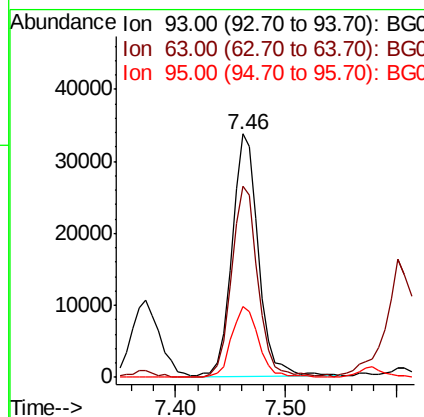
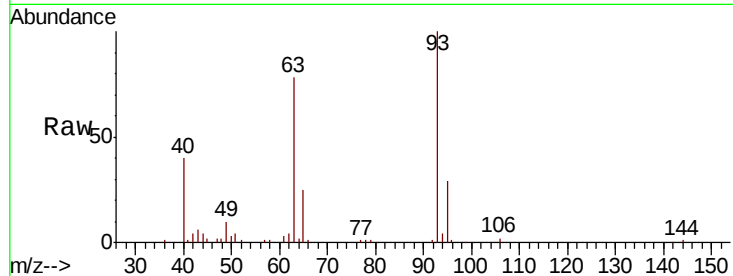
#11
 bis(2-Chloroethyl)ether
 Concen: 28.165 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.4	63.6	103.6
95	29.2	11.2	51.2

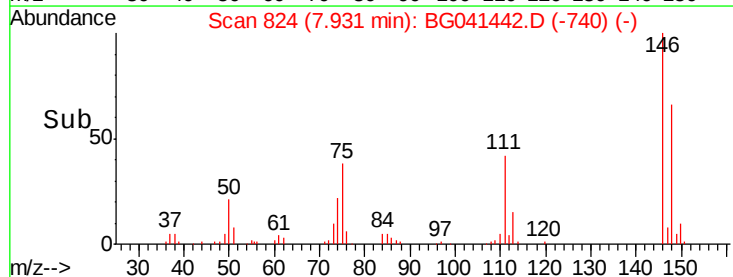
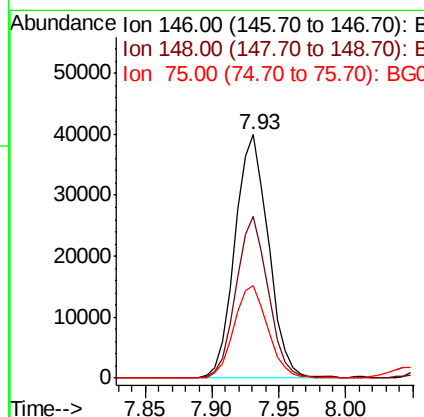
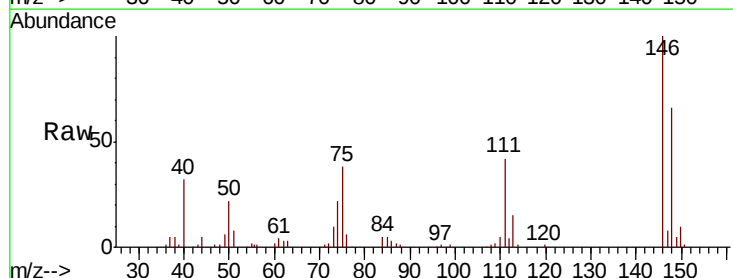
Manual Integrations
 APPROVED

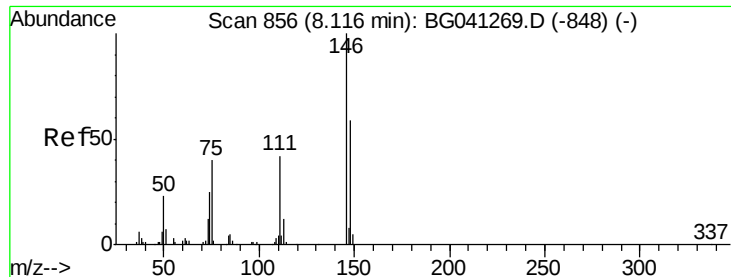
mohammad
 6/28/2019 8:24:41 AM



#12
 1,3-Dichlorobenzene
 Concen: 28.082 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	46.5	69.7
75	37.8	32.2	48.4





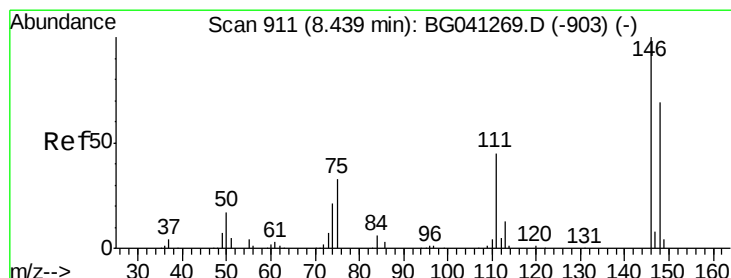
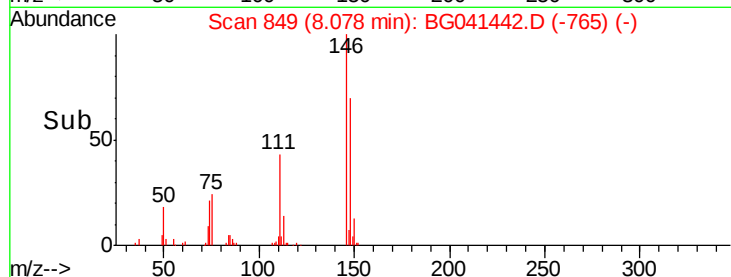
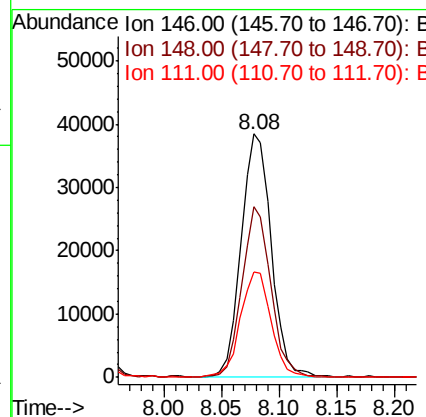
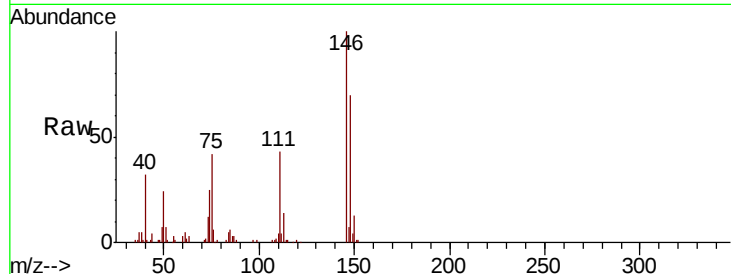
#13
1,4-Dichlorobenzene
Concen: 27.501 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.0	47.3	70.9
111	43.1	33.4	50.0

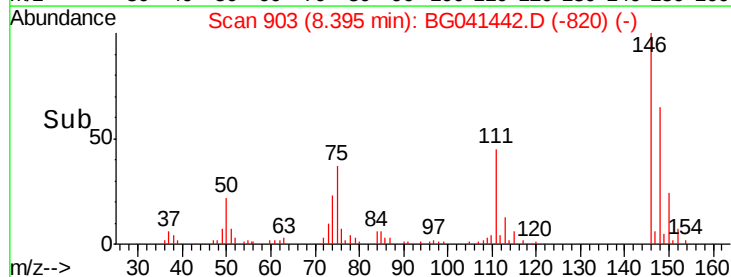
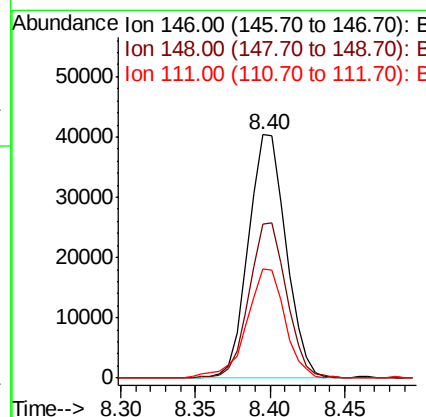
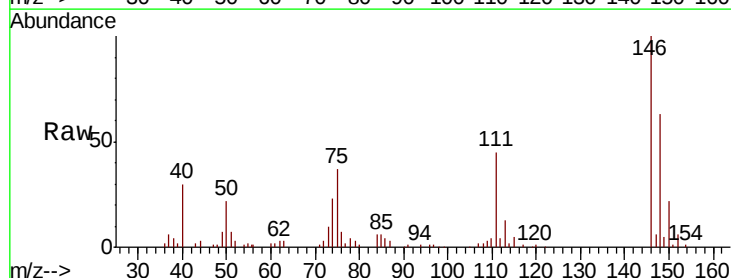
Manual Integrations
APPROVED

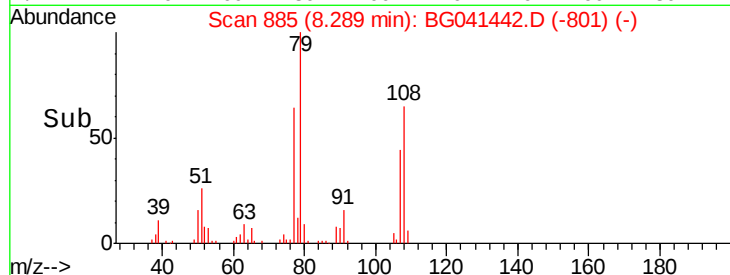
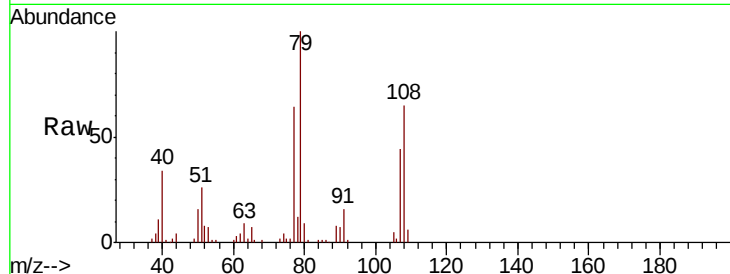
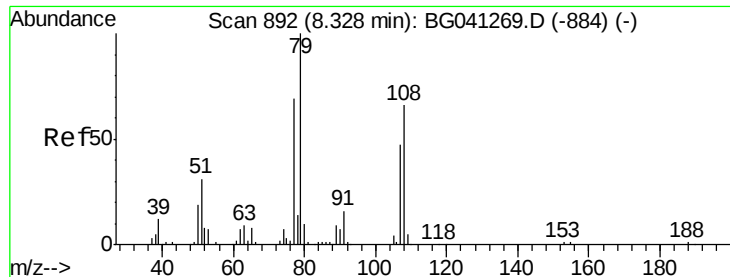
mohammad
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#14
1,2-Dichlorobenzene
Concen: 29.113 ng
RT: 8.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	54.9	82.3
111	44.9	37.0	55.6





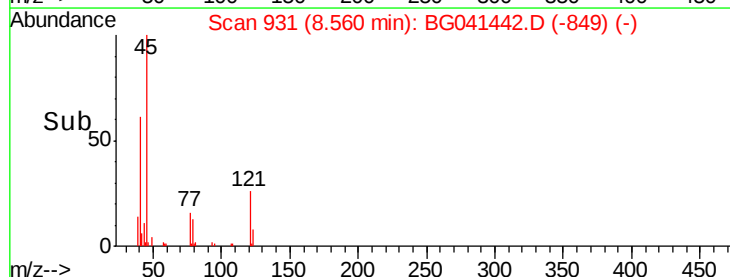
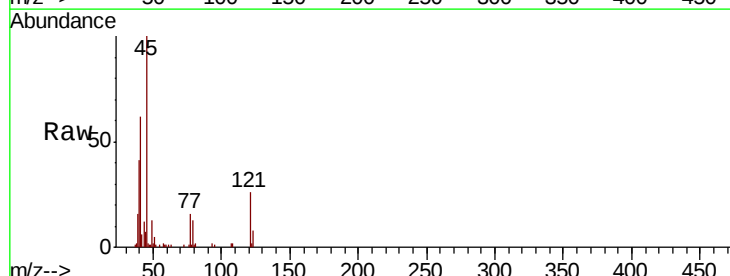
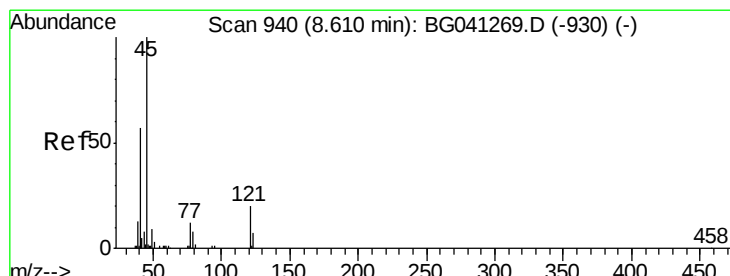
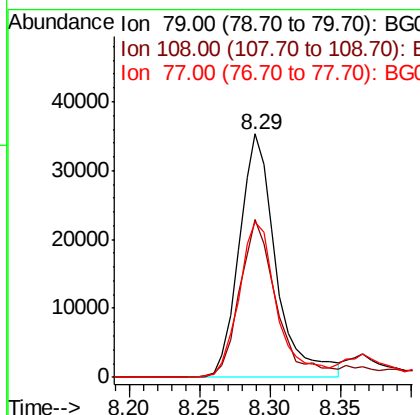
#15
Benzyl Alcohol
Concen: 27.540 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.8	52.7	79.1
77	63.7	55.2	82.8

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

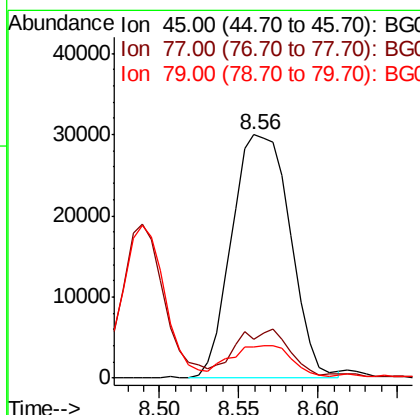
Manual Integrations
APPROVED

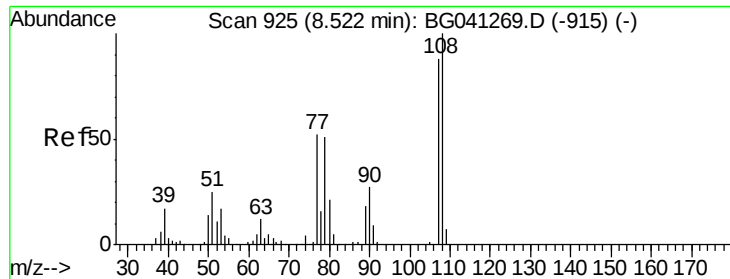
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.577 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.05 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	35.2
79	13.0	0.0	31.6





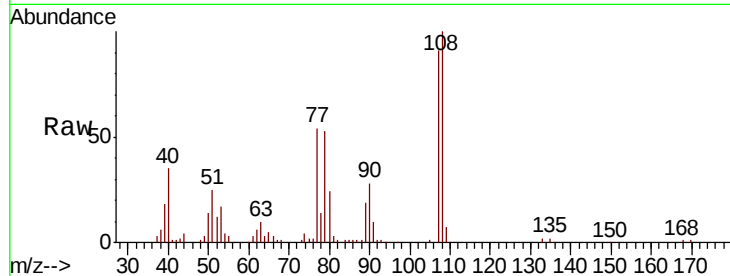
#17
2-Methylphenol
Concen: 31.179 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion:	107	Resp:	58448
Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.7	137.5
77	59.7	47.8	71.8
79	58.9	46.8	70.2

Manual Integrations
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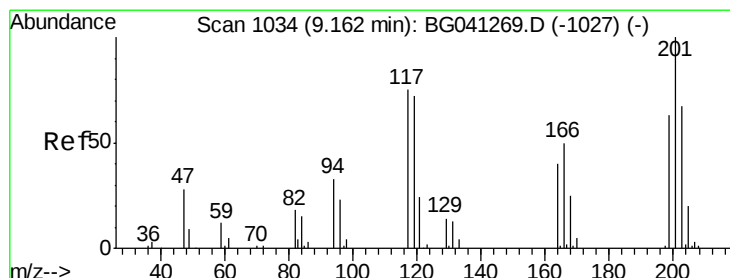
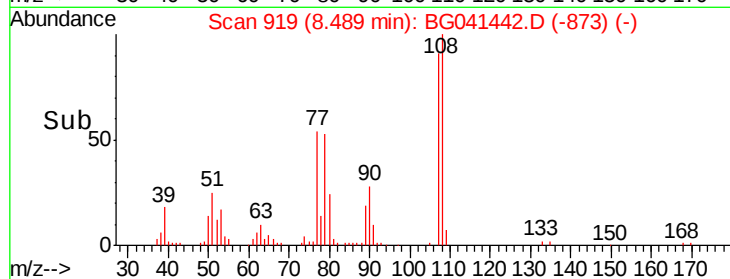
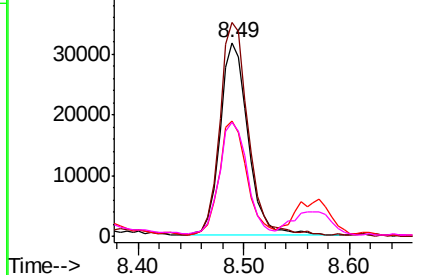
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 24.778 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

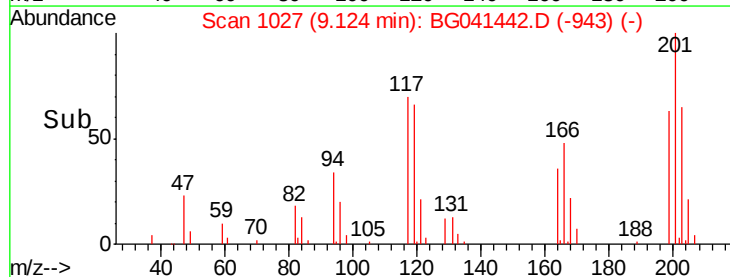
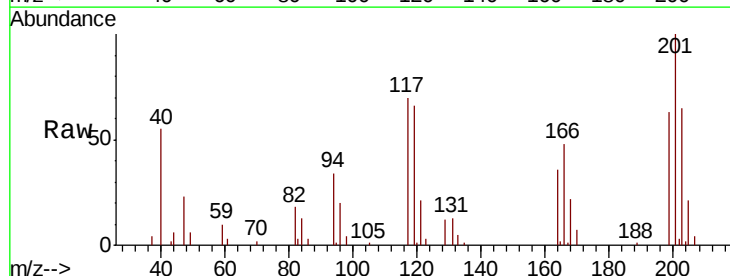
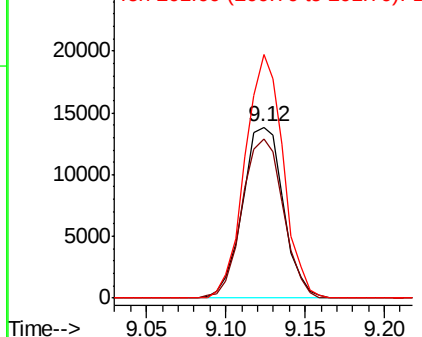
Tgt Ion:	117	Resp:	24823
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.8	115.2
201	142.3	106.3	159.5

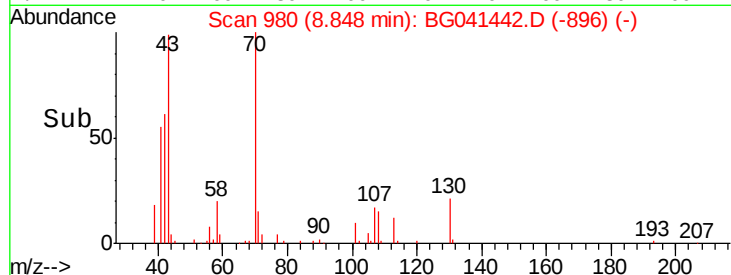
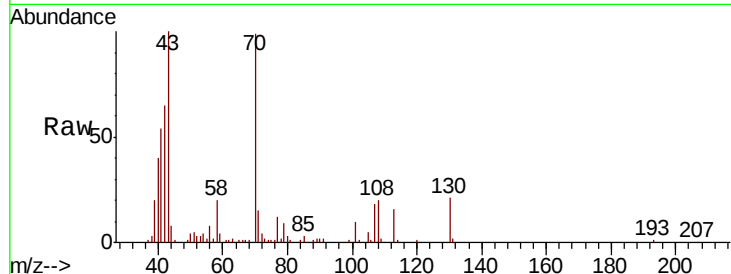
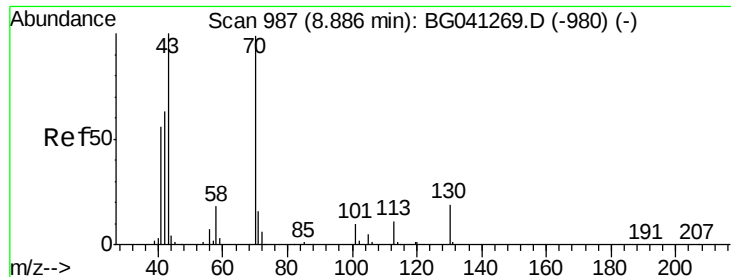
Abundance

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





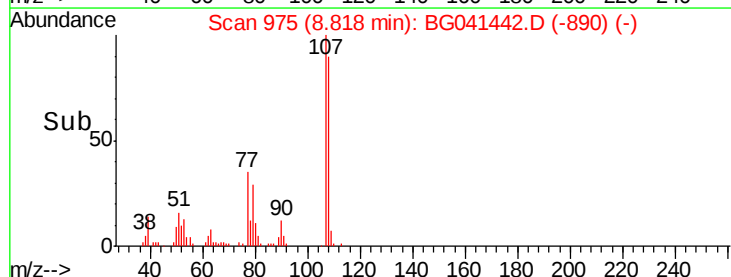
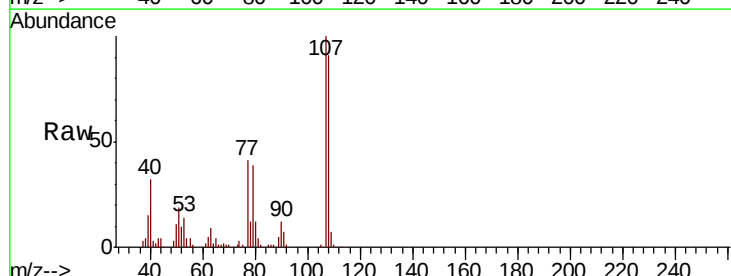
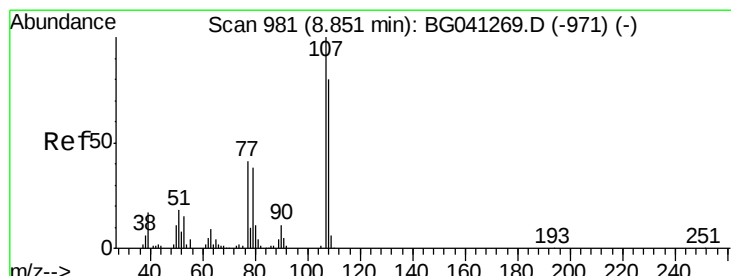
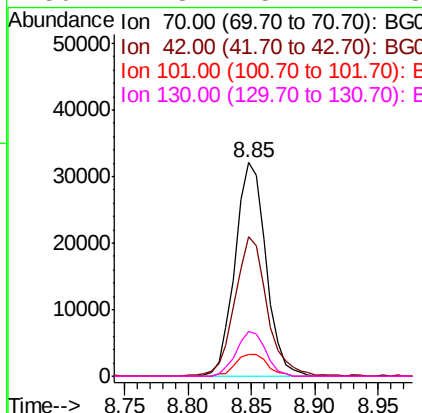
#19
n-Nitroso-di-n-propylamine
Concen: 27.461 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	65.0	51.4	77.2		
101	10.3	8.2	12.2		
130	21.3	15.2	22.8		

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

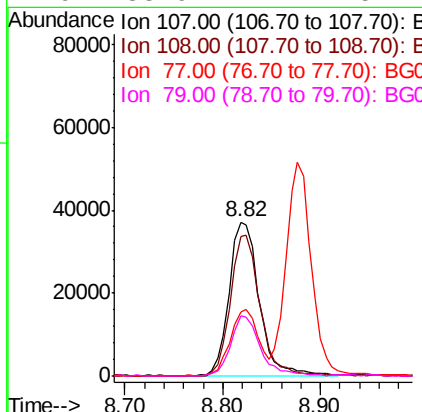
Manual Integrations
APPROVED

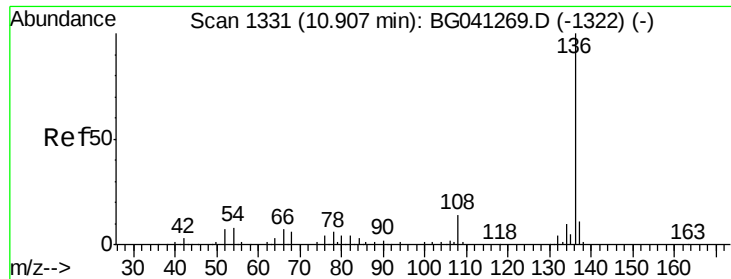
mohammad
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#20
3+4-Methylphenols
Concen: 32.085 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.2	60.4	100.4		
77	41.4	21.2	61.2		
79	38.9	17.7	57.7		





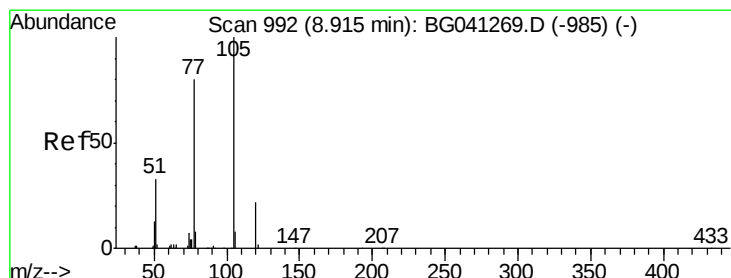
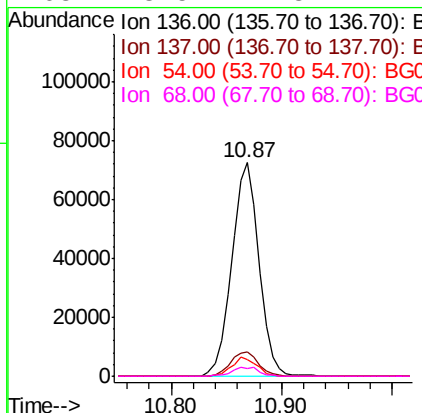
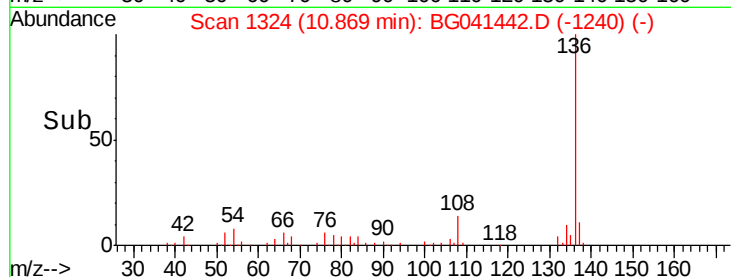
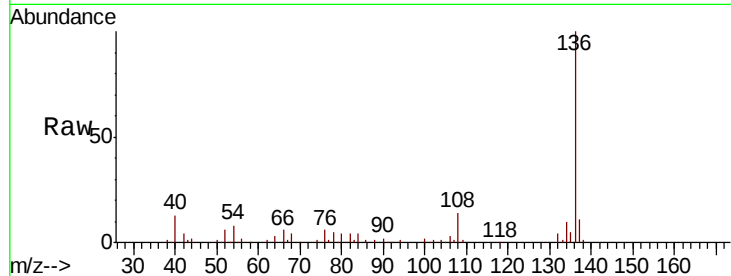
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	124740		
137	11.4	8.8	13.2	
54	7.7	6.4	9.6	
68	3.5	4.8	7.2	

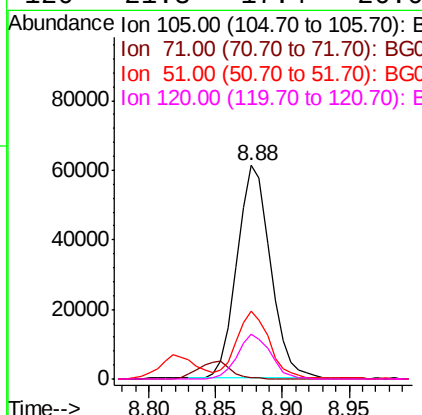
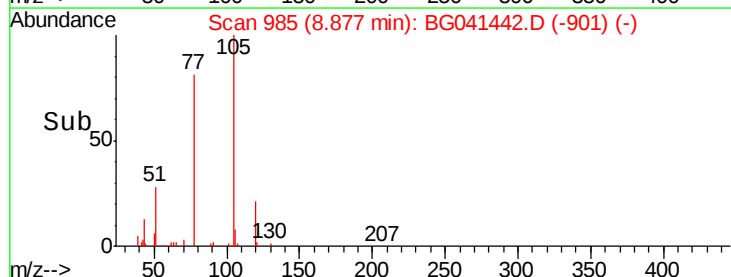
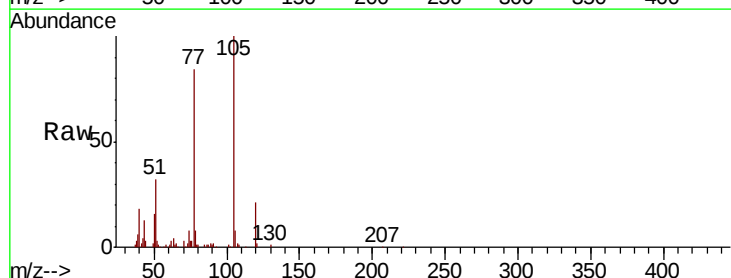
Manual Integrations
APPROVED

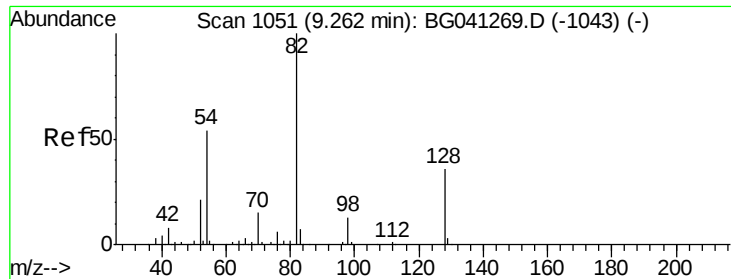
mohammad
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#22
Acetophenone
Concen: 29.392 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	106692		
71	0.5	0.4	0.6	
51	31.8	28.2	42.4	
120	21.3	17.4	26.0	





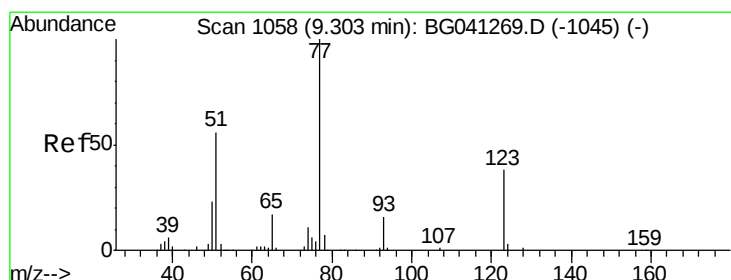
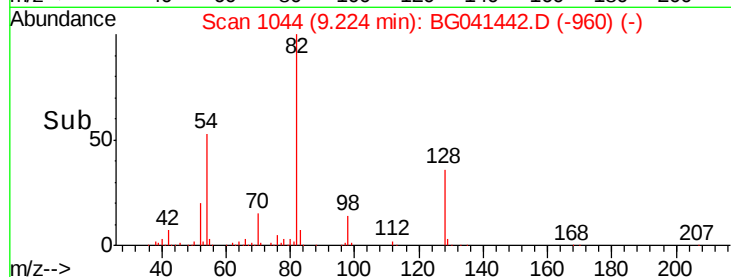
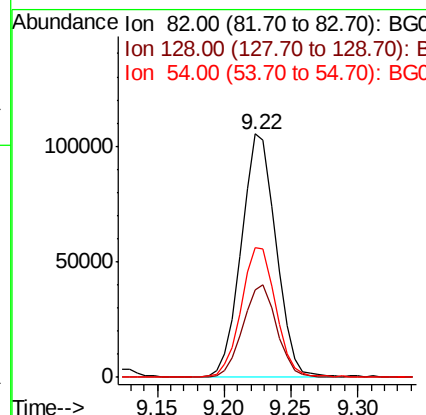
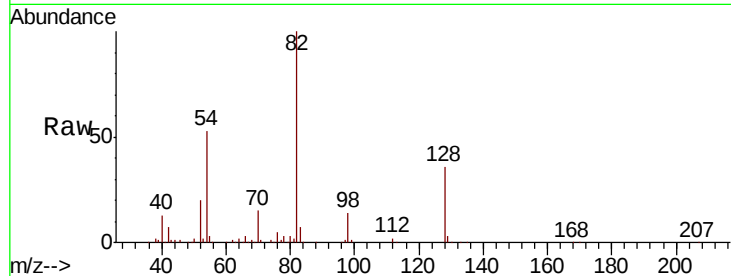
#23
Nitrobenzene-d5
Concen: 63.904 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampled :
B-2(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.8	29.2	43.8	
54	53.2	43.4	65.0	

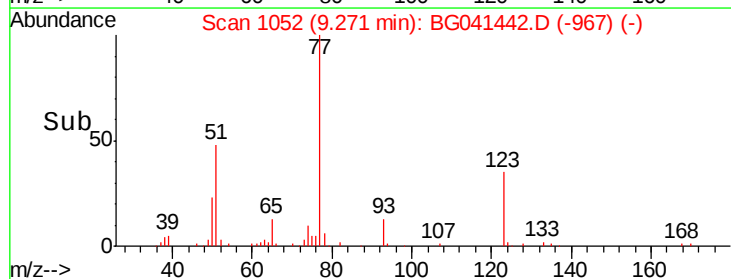
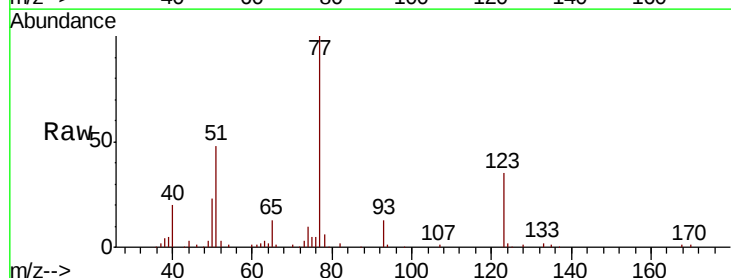
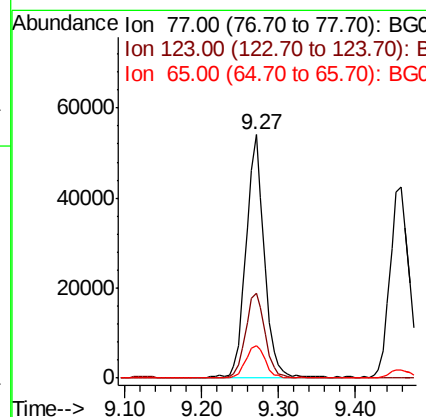
Manual Integrations
APPROVED

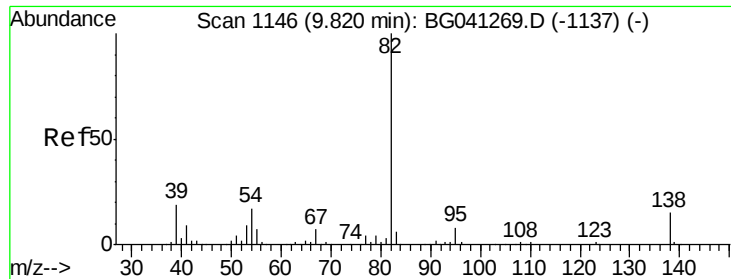
mohammad
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#24
Nitrobenzene
Concen: 30.464 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.8	30.4	45.6	
65	13.5	13.3	19.9	





#25

Isophorone

Concen: 28.558 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

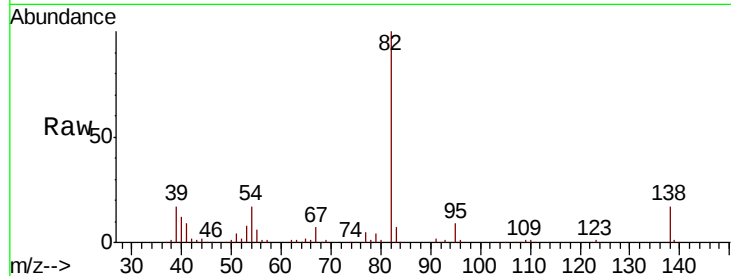
ClientSampleId :

B-2(9-10)MSD

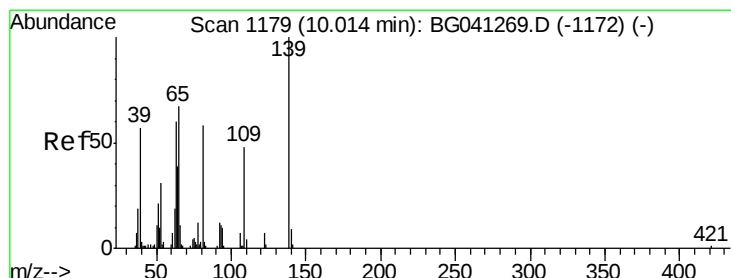
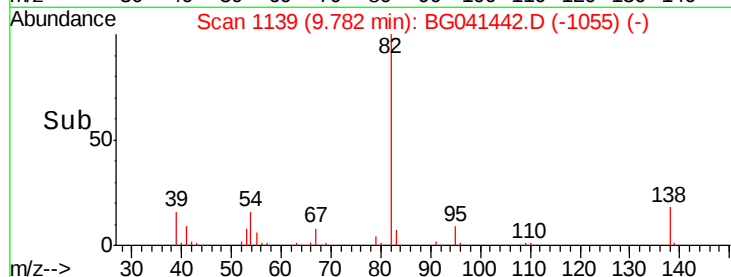
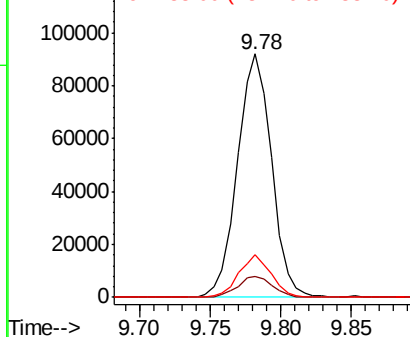
Tot Ion:	82	Resp:	155401
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.6	10.0
138	17.5	12.3	18.5

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



#26

2-Nitrophenol

Concen: 30.515 ng

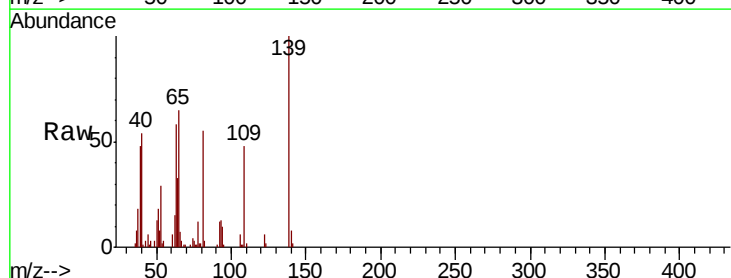
RT: 9.98 min Scan# 1173

Delta R.T. -0.03 min

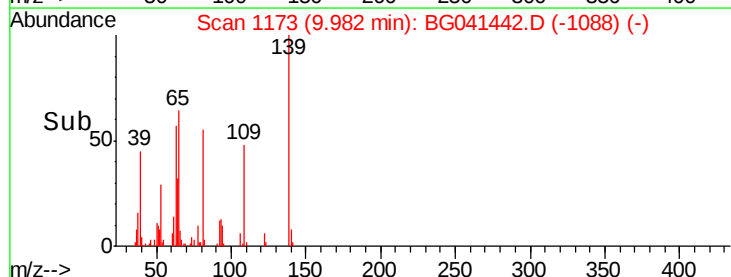
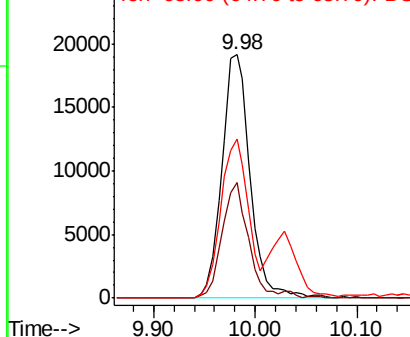
Lab File: BG041442.D

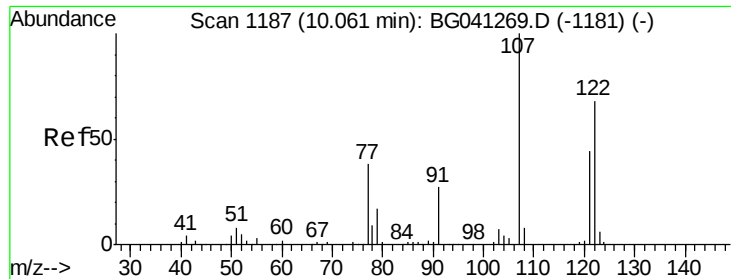
Acq: 25 Jun 2019 4:11

Tgt Ion:	139	Resp:	36904
Ion Ratio	Lower	Upper	
139	100		
109	47.6	38.4	57.6
65	65.4	53.6	80.4



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





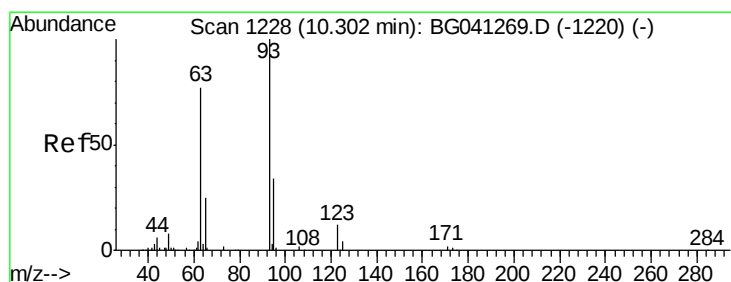
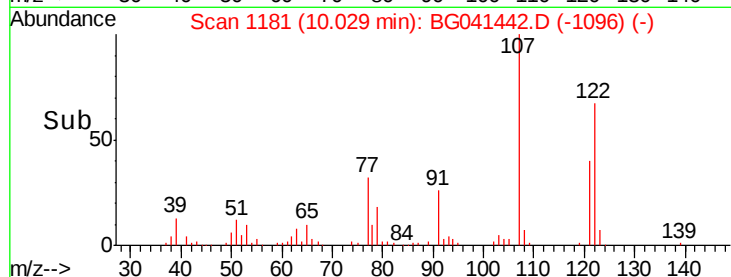
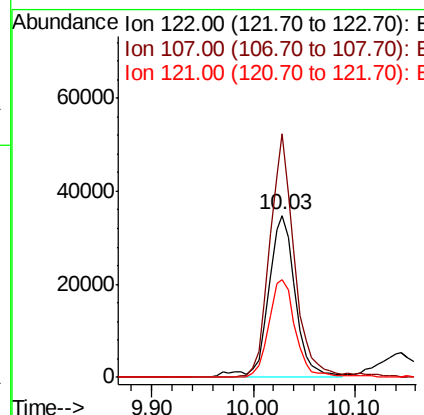
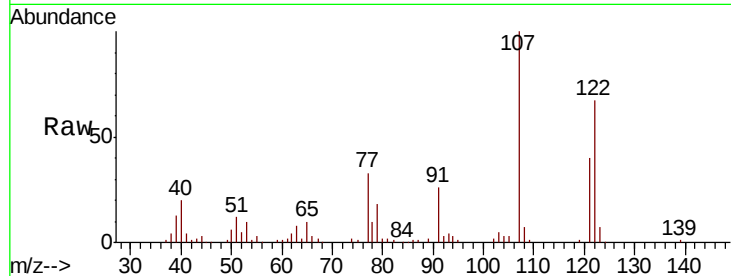
#27
2,4-Dimethylphenol
Concen: 35.655 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	150.1	115.1	172.7
121	60.0	50.1	75.1

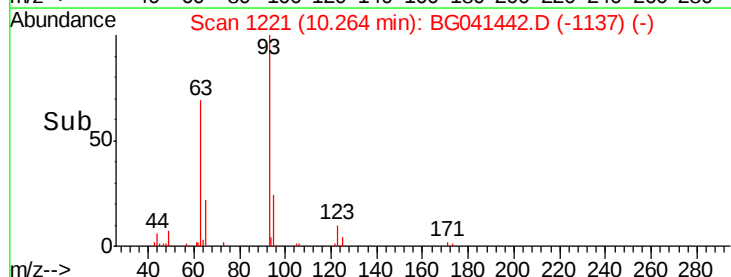
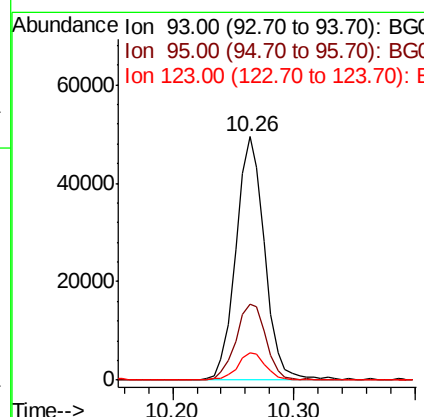
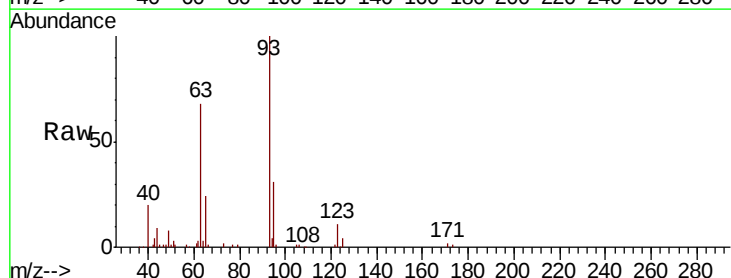
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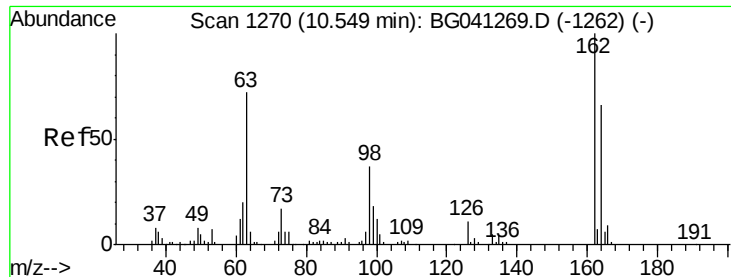
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#28
bis(2-Chloroethoxy)methane
Concen: 28.794 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	27.3	40.9
123	11.0	9.6	14.4





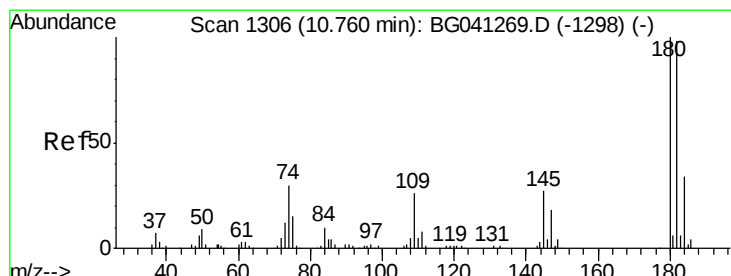
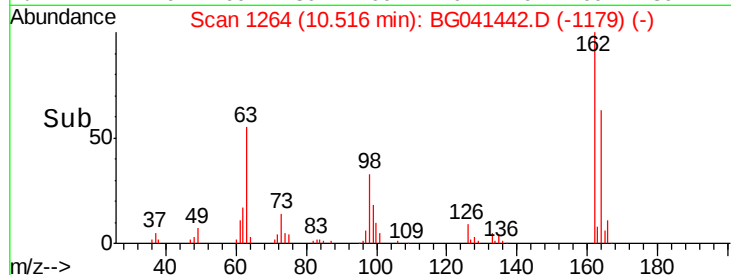
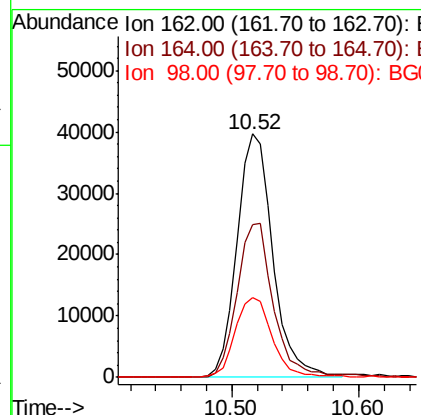
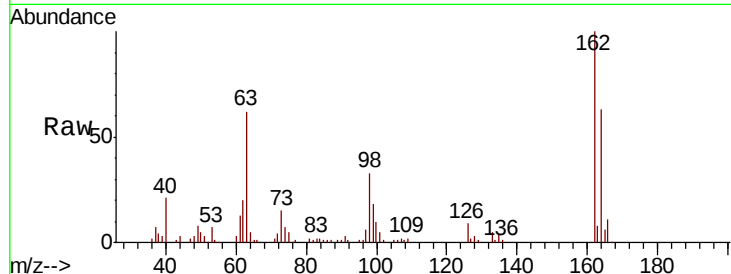
#29
 2,4-Dichlorophenol
 Concen: 34.537 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampled :
 B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	46.0	86.0
98	33.0	17.4	57.4

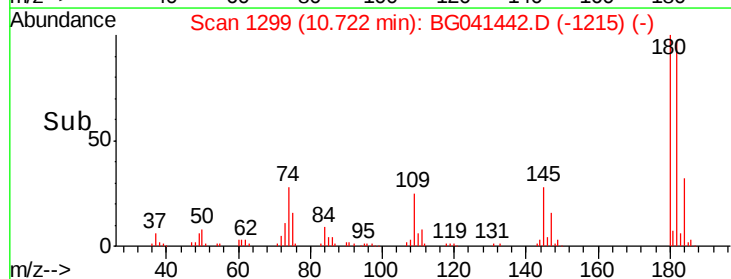
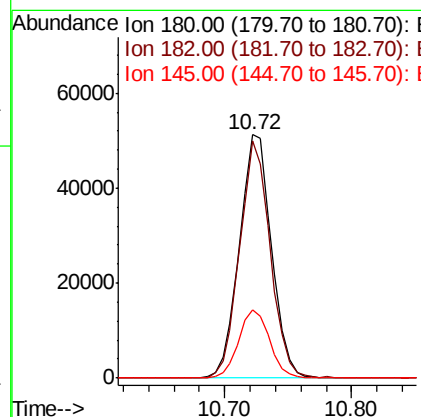
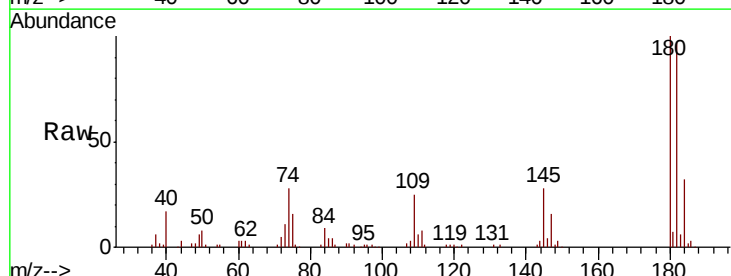
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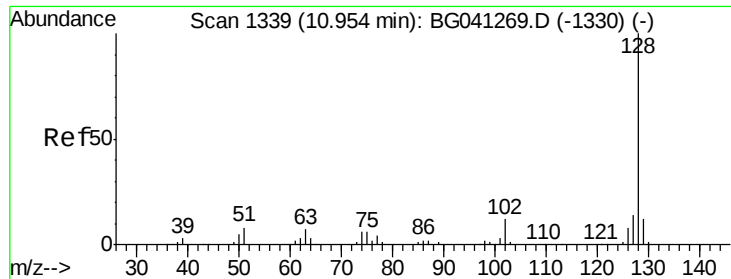
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.189 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	78.6	117.8
145	28.0	21.7	32.5





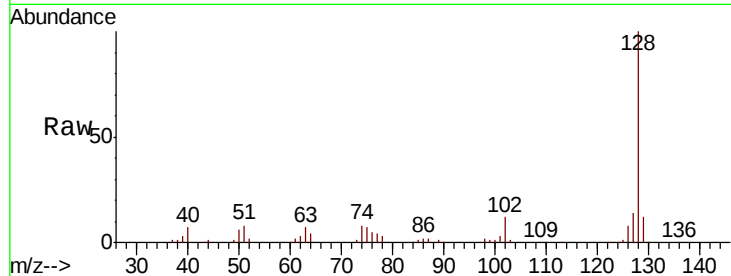
#31
Naphthalene
Concen: 31.238 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	14.3	11.2	16.8

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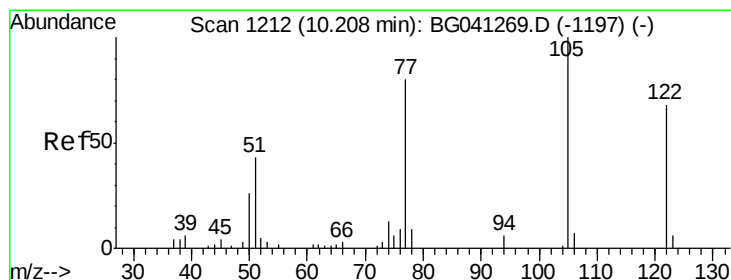
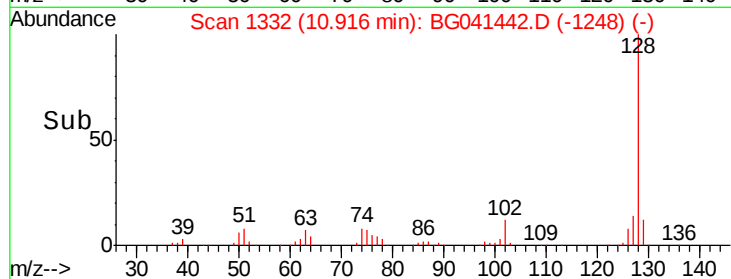
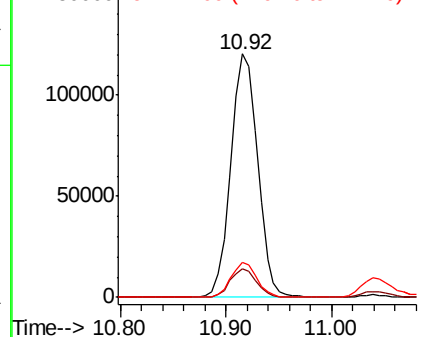


Abundance

Ion 128.00 (127.70 to 128.70): E

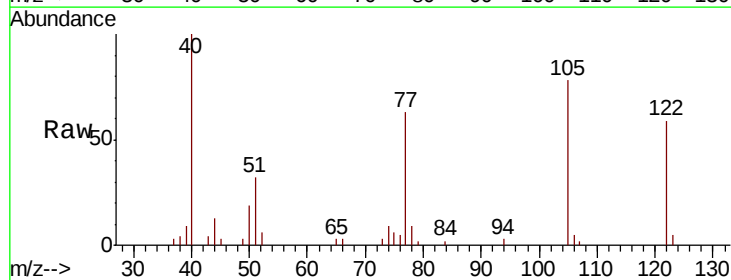
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 15.234 ng m
RT: 10.15 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	124.2	164.2
77	108.0	97.2	137.2

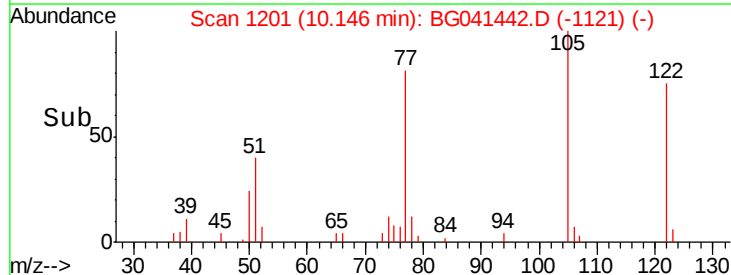
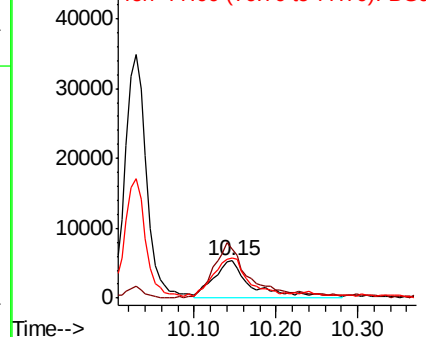


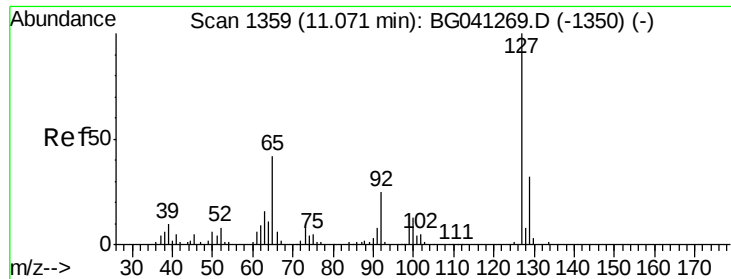
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





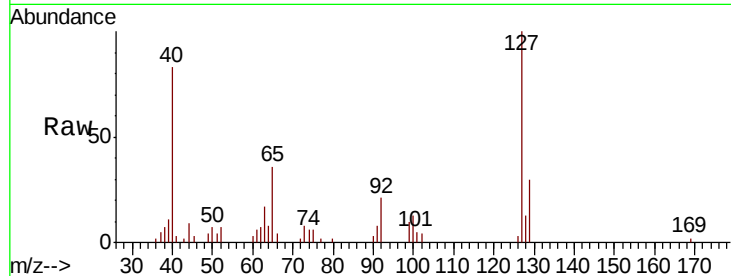
#33
4-Chloroaniline
Concen: 7.822 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

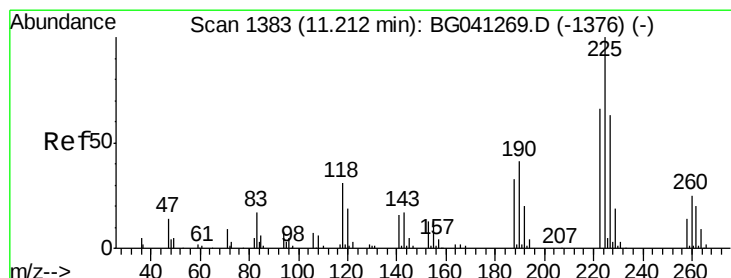
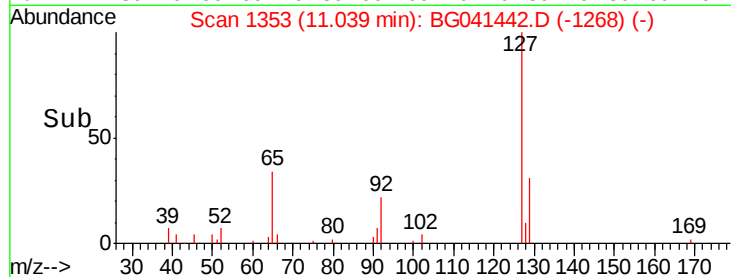
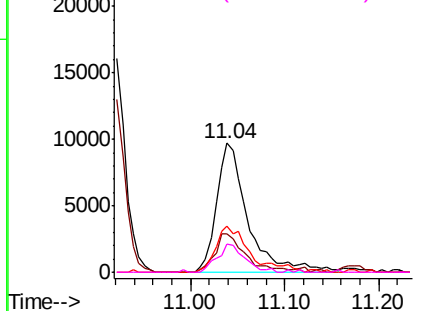
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.8	25.8	38.8		
65	35.8	33.8	50.8		
92	21.4	20.2	30.4		

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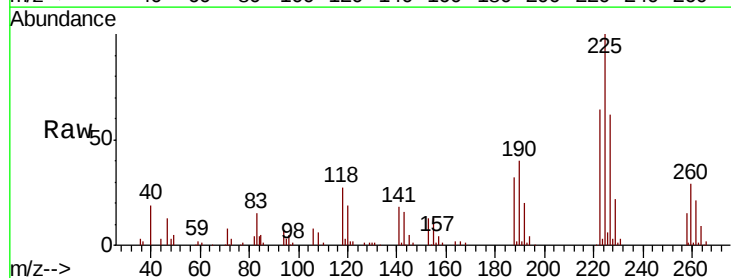


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

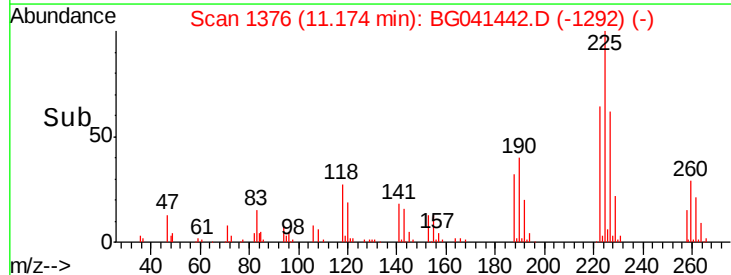
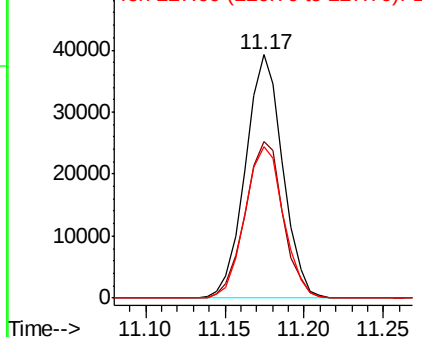


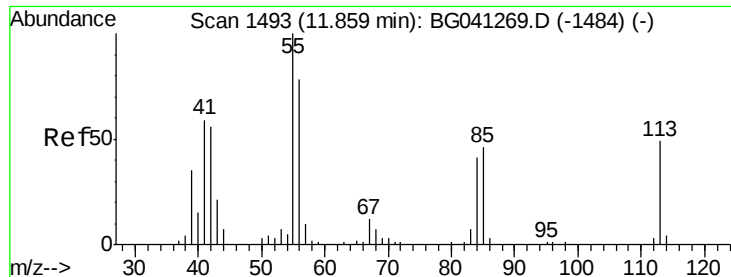
#34
Hexachlorobutadiene
Concen: 28.016 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	52.5	78.7		
227	62.3	50.2	75.2		



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





#35

Caprolactam

Concen: 29.091 ng/mL

RT: 11.82 min Scan# 1486

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

Tot Ion: 113 Resp: 22511

Ion Ratio Lower Upper

113 100

55 158.3 182.6 222.6#

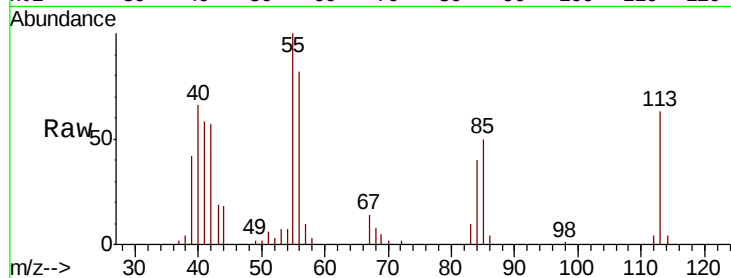
56 130.0 137.5 177.5#

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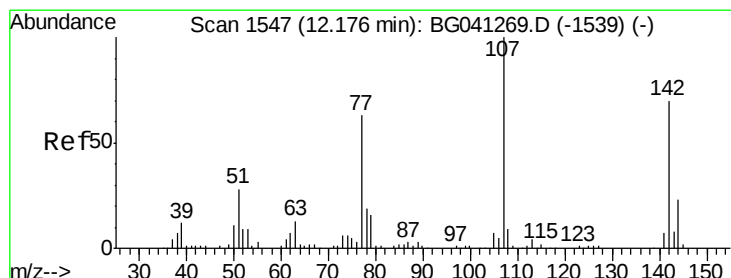
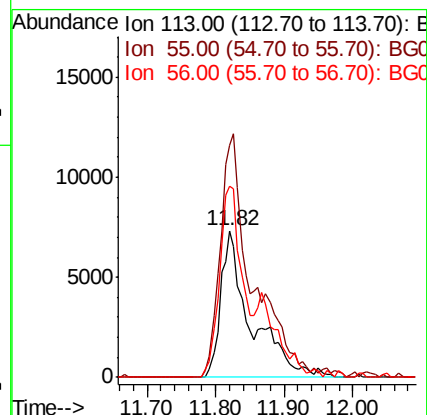
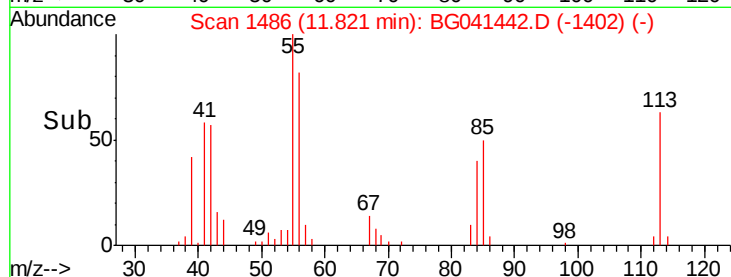
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 31.354 ng/mL

RT: 12.15 min Scan# 1542

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

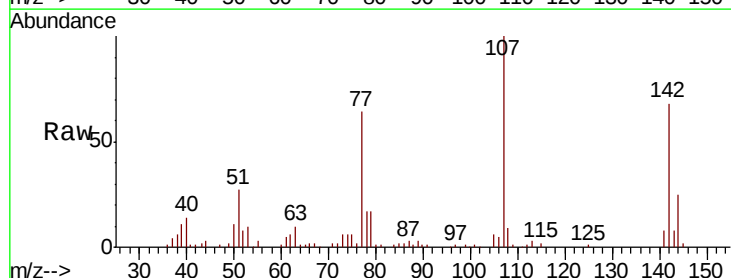
Tgt Ion: 107 Resp: 81404

Ion Ratio Lower Upper

107 100

144 24.7 18.5 27.7

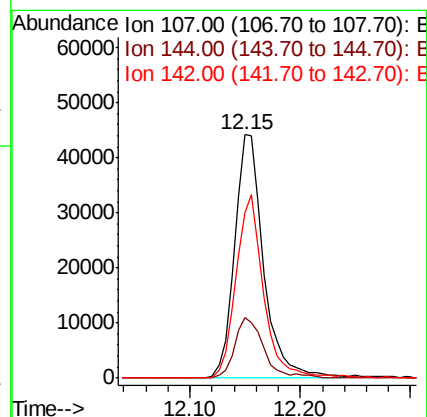
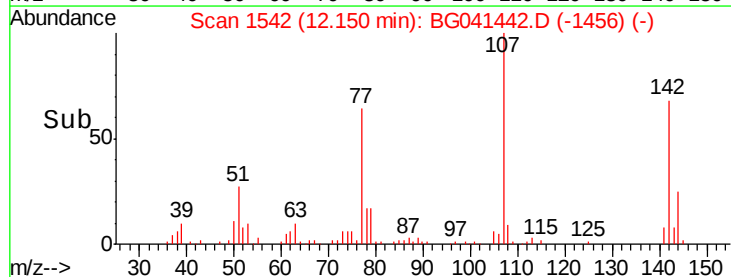
142 68.0 56.3 84.5

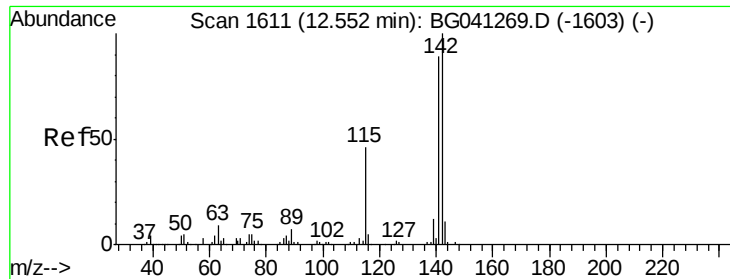


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





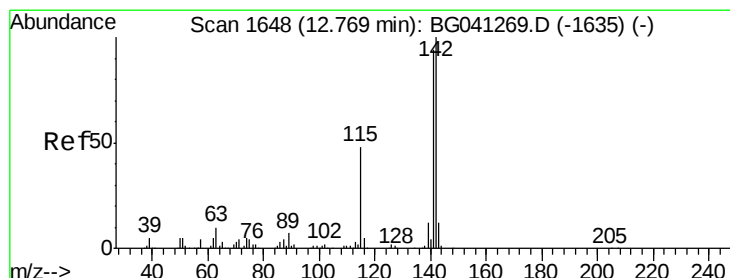
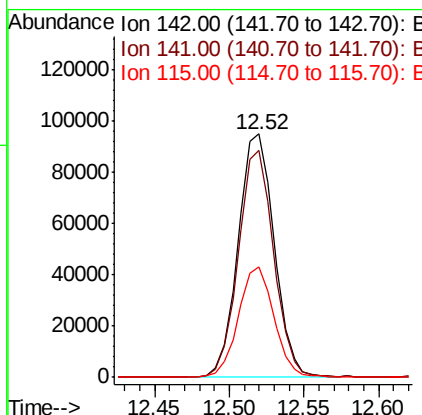
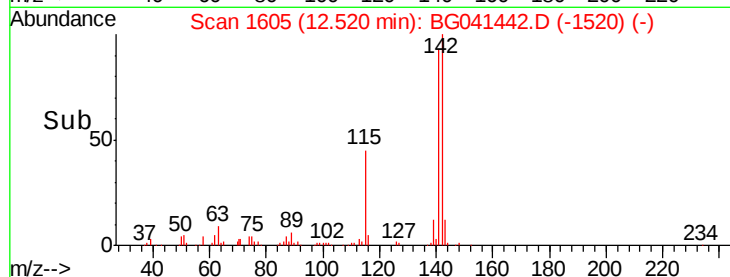
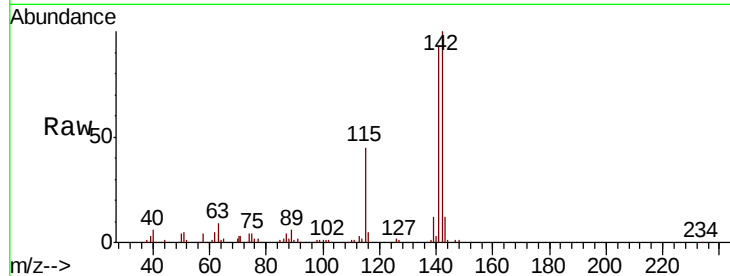
#37
 2-Methylnaphthalene
 Concen: 31.842 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.5	107.3
115	45.2	37.0	55.6

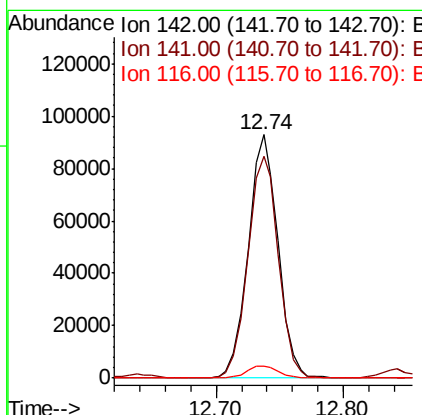
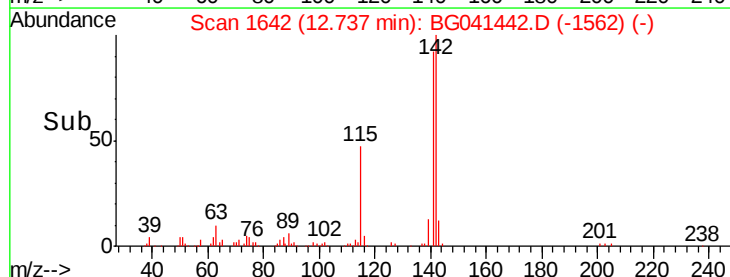
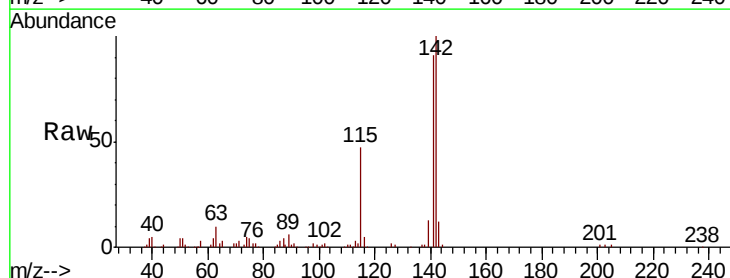
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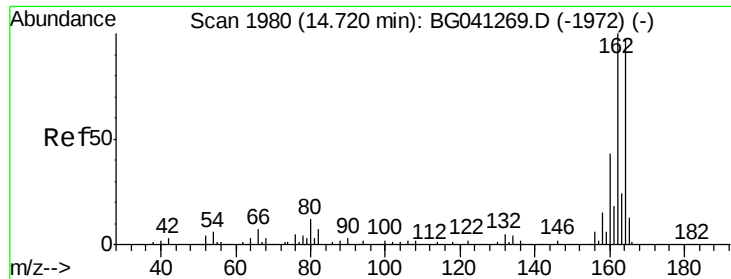
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#38
 1-Methylnaphthalene
 Concen: 31.660 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.0	112.6
116	5.0	4.2	6.2





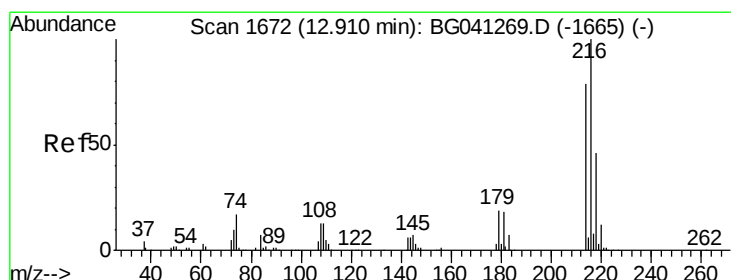
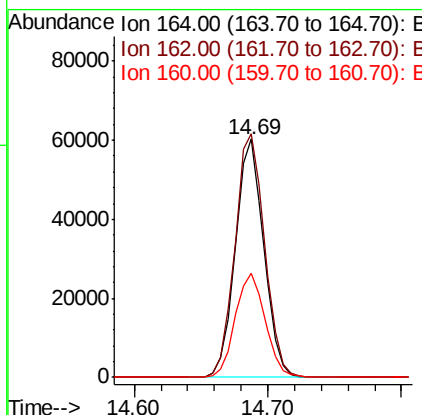
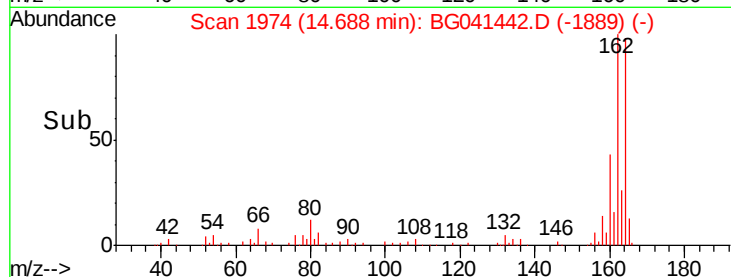
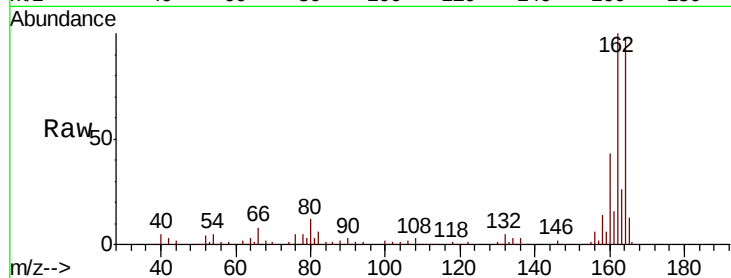
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	44.0	35.8	53.8

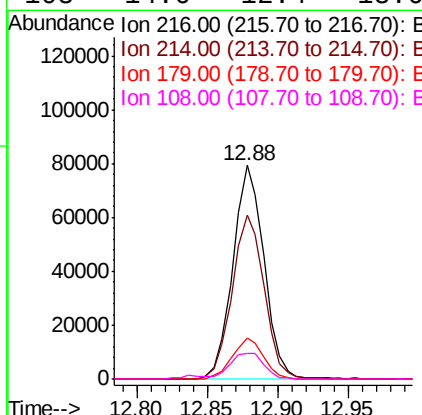
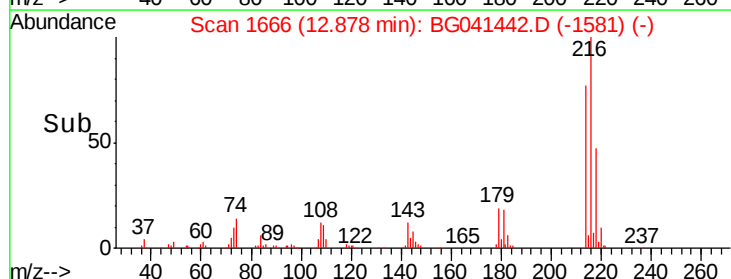
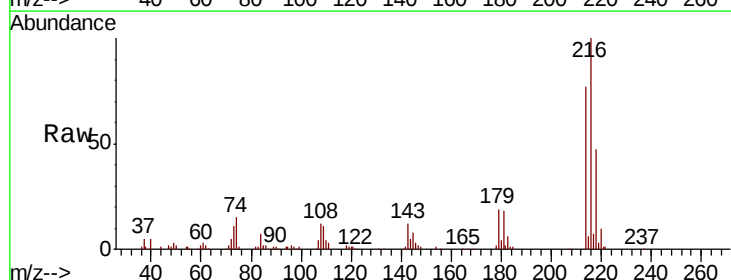
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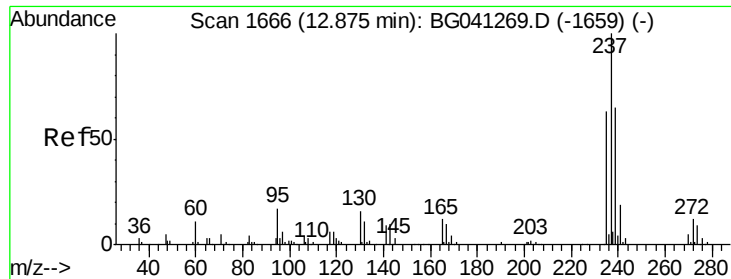
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.145 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.8	94.2
179	19.2	15.2	22.8
108	14.6	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 23.618 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

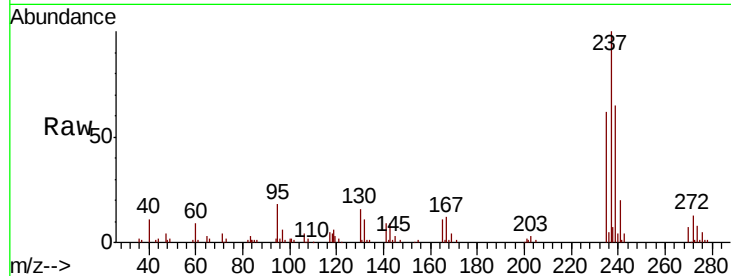
ClientSampleId :

B-2(9-10)MSD

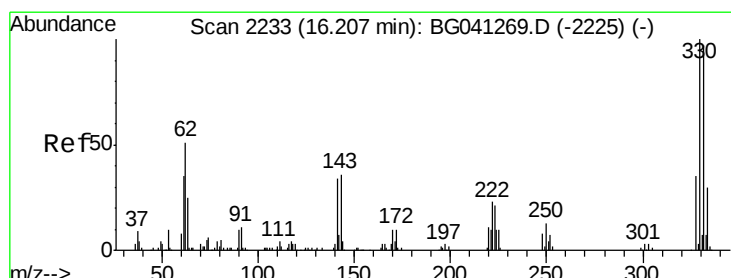
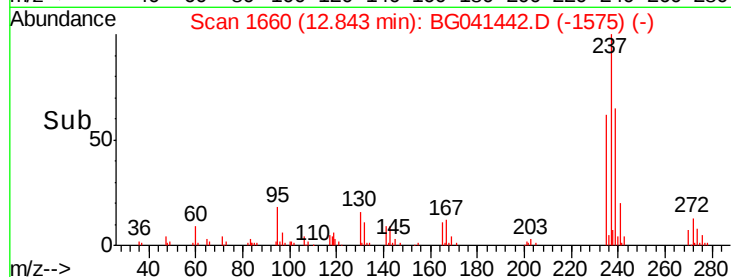
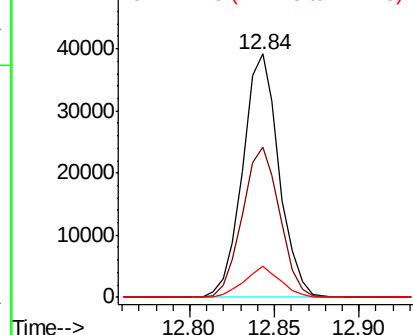
Tot Ion:	237	Resp:	58374
Ion Ratio	Lower	Upper	
237	100		
235	61.6	42.9	82.9
272	12.7	0.0	32.0

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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: 103.784 ng

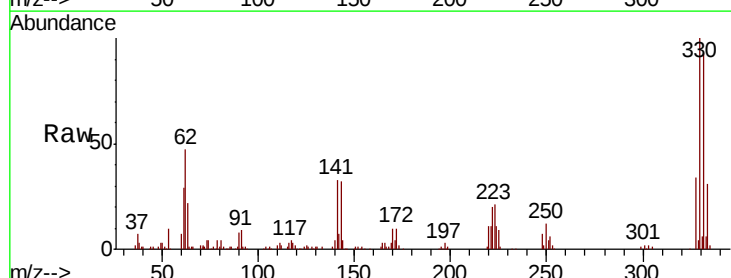
RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

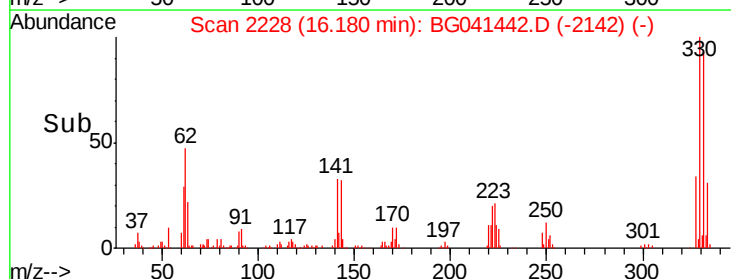
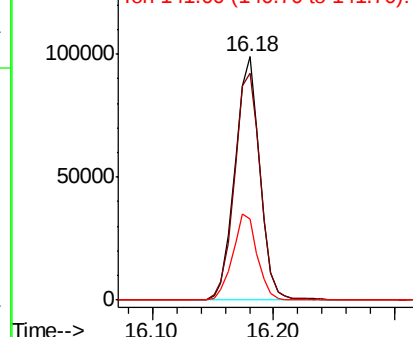
Lab File: BG041442.D

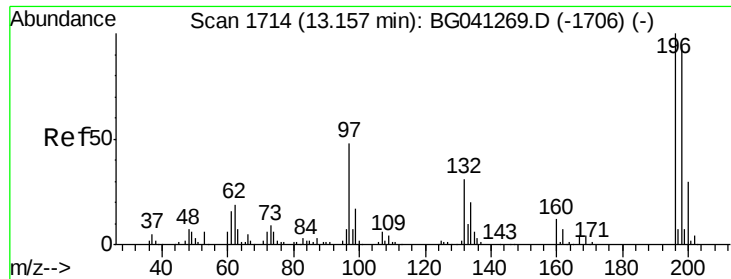
Acq: 25 Jun 2019 4:11

Tgt Ion:	330	Resp:	141580
Ion Ratio	Lower	Upper	
330	100		
332	97.4	75.5	113.3
141	35.1	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





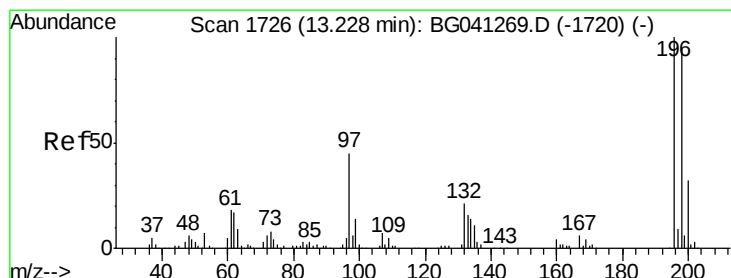
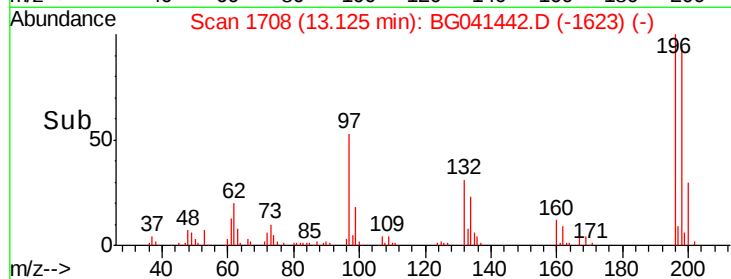
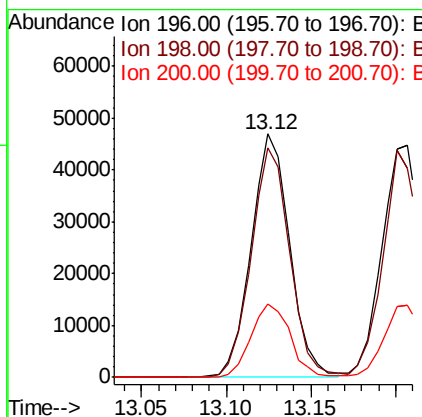
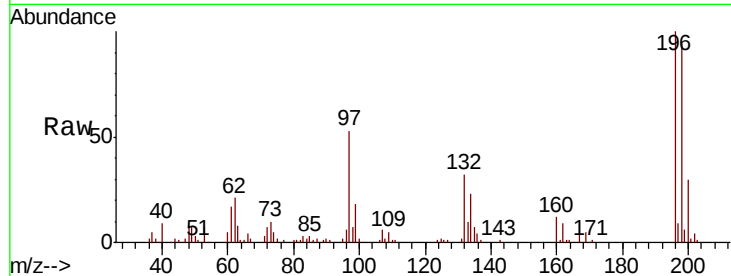
#43
 2,4,6-Trichlorophenol
 Concen: 32.811 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	74476		
198	94.4	74.9	112.3	
200	30.1	24.2	36.2	

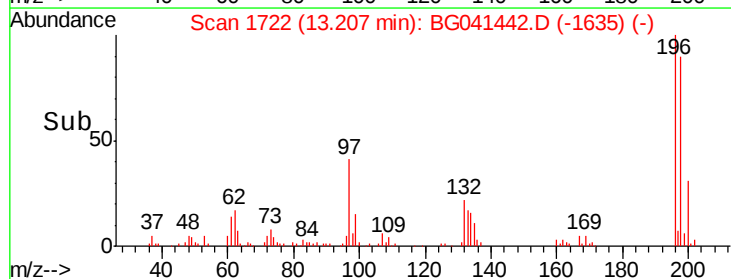
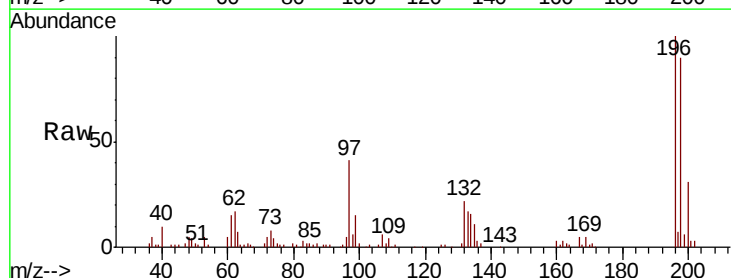
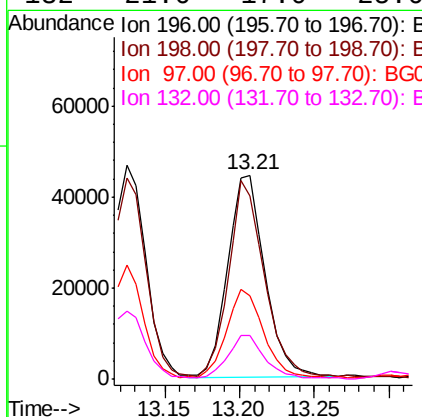
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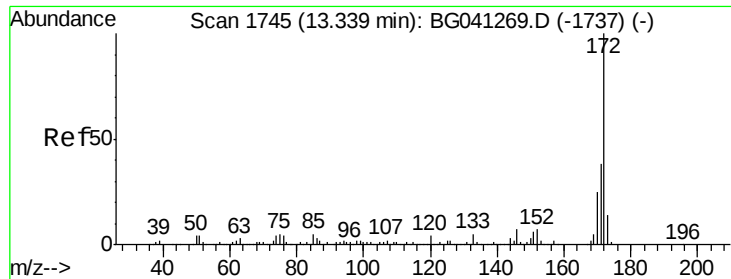
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#44
 2,4,5-Trichlorophenol
 Concen: 33.193 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	77523		
198	90.1	76.1	114.1	
97	40.9	35.9	53.9	
132	21.6	17.0	25.6	





#45

2-Fluorobiphenyl

Concen: 69.485 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

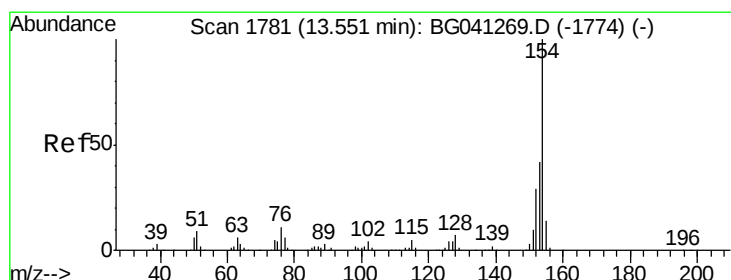
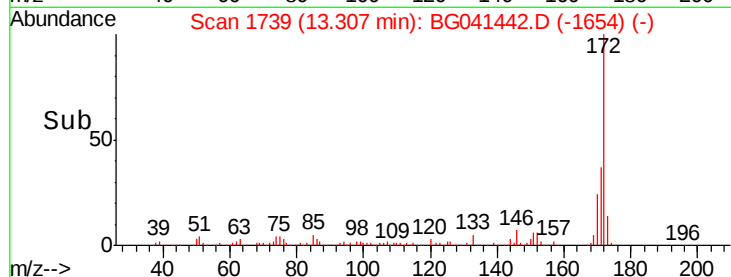
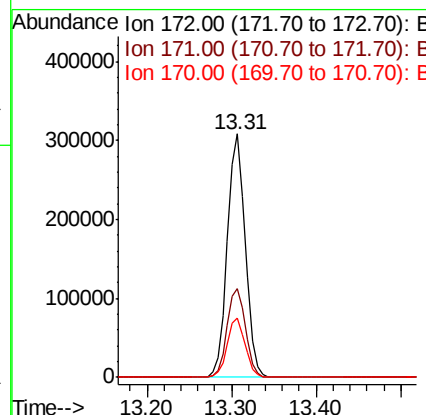
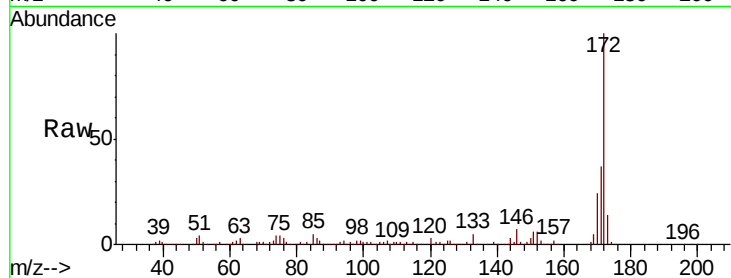
ClientSampleId :

B-2(9-10)MSD

Tot Ion:	172	Resp:	454279
Ion Ratio	Lower	Upper	
172	100		
171	36.7	30.0	45.0
170	24.3	19.8	29.6

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#46

1,1'-Biphenyl

Concen: 31.721 ng

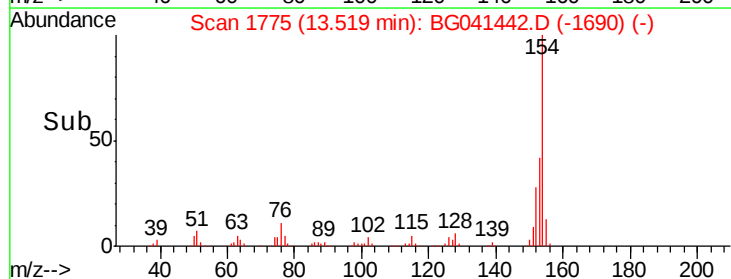
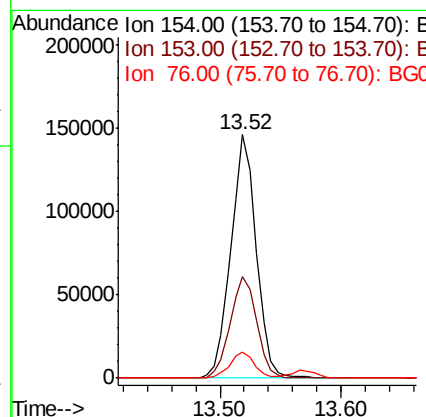
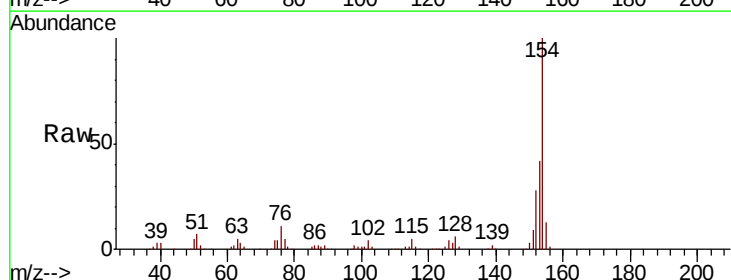
RT: 13.52 min Scan# 1775

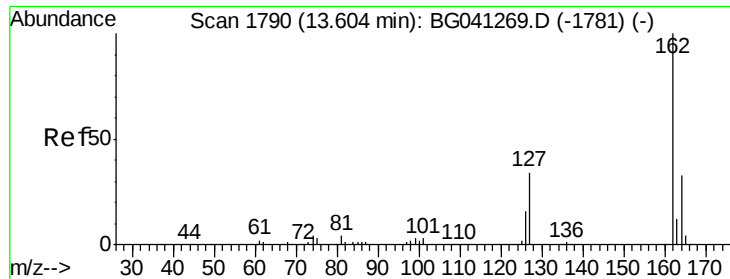
Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Tgt Ion:	154	Resp:	213090
Ion Ratio	Lower	Upper	
154	100		
153	41.6	22.3	62.3
76	10.9	0.0	30.8





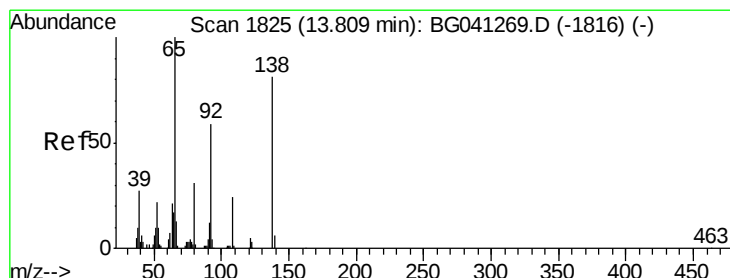
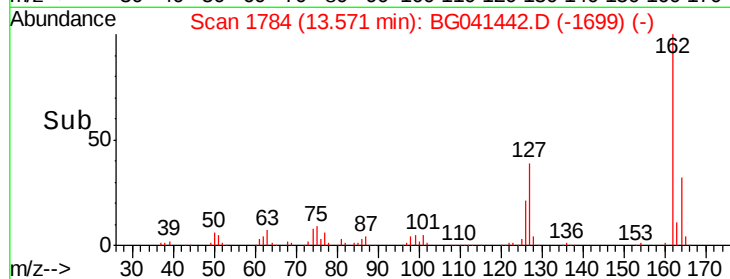
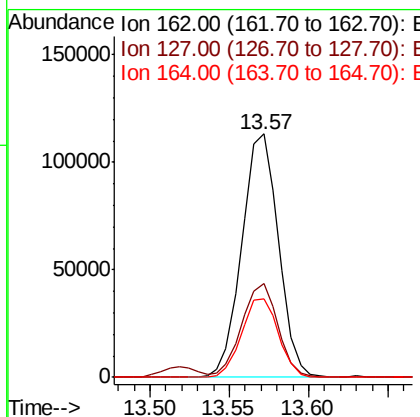
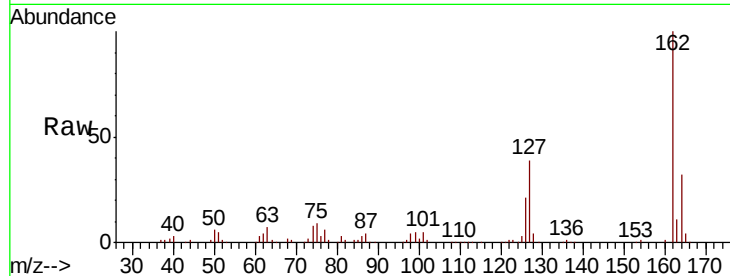
#47
 2-Chloronaphthalene
 Concen: 31.476 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.7	31.0	46.4
164	32.1	26.1	39.1

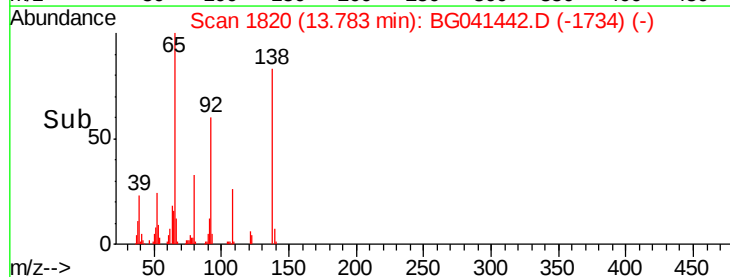
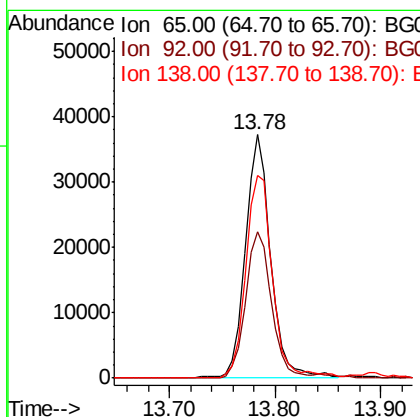
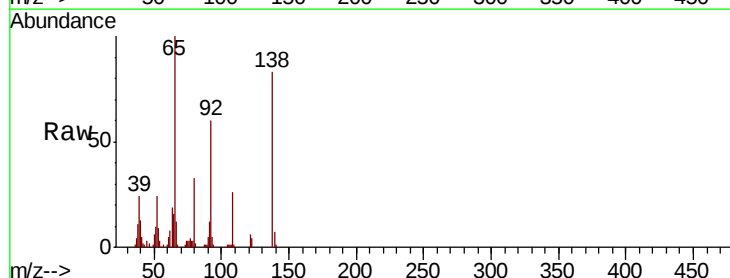
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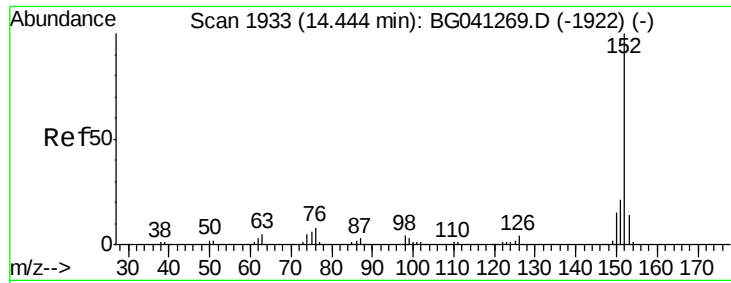
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#48
 2-Nitroaniline
 Concen: 29.163 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	59.9	47.4	71.2
138	83.3	64.7	97.1





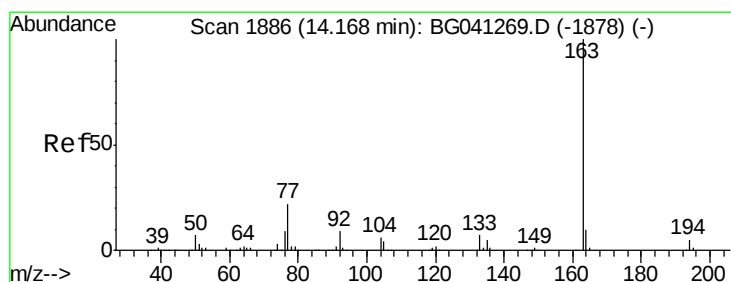
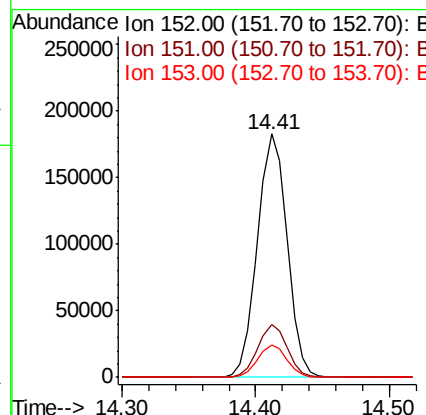
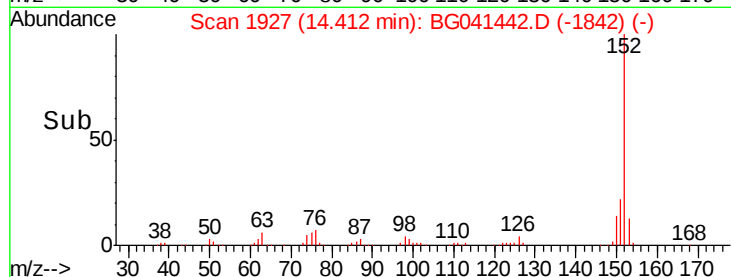
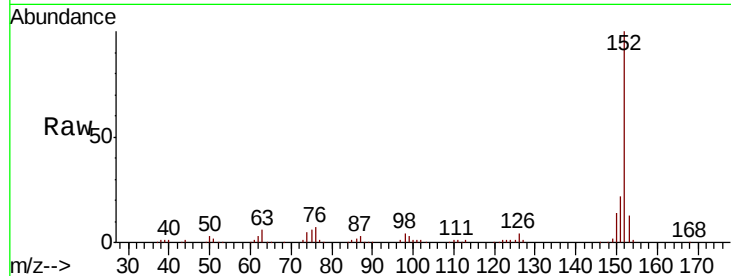
#49
Acenaphthylene
Concen: 32.064 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion:	152	Resp:	281403
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.8	25.2
153	13.4	10.8	16.2

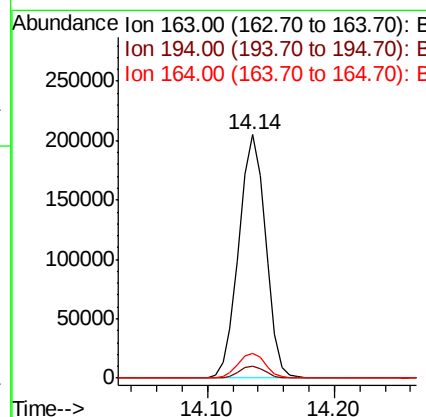
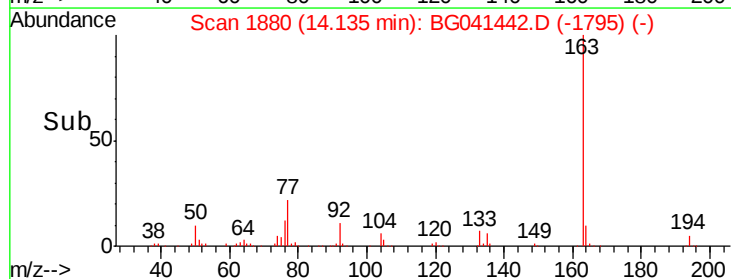
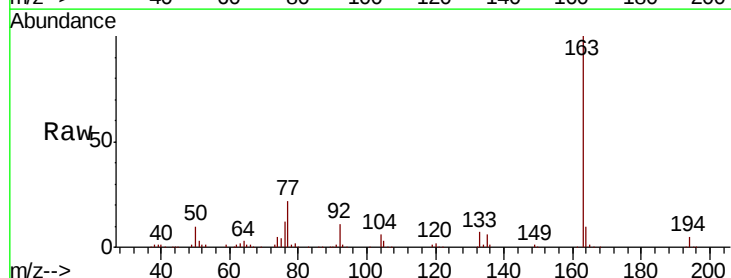
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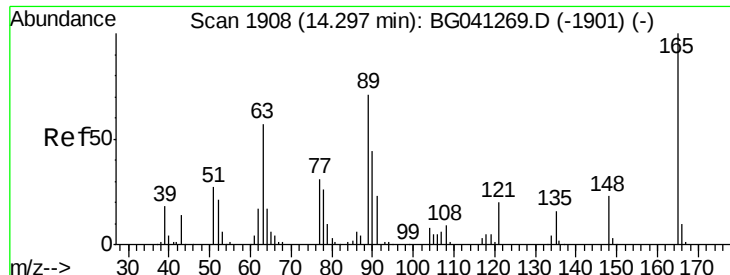
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#50
Dimethylphthalate
Concen: 37.947 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:	163	Resp:	300020
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	10.3	8.3	12.5





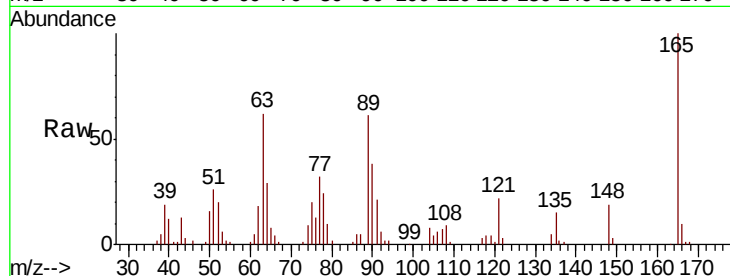
#51
2,6-Dinitrotoluene
Concen: 30.276 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

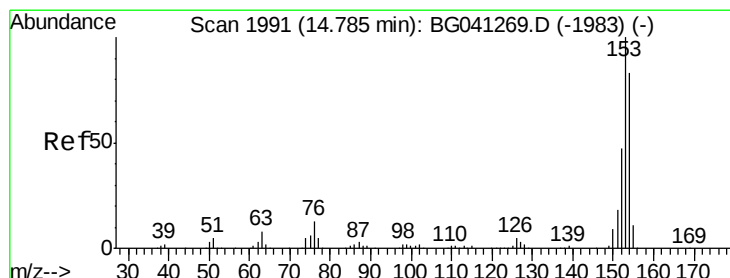
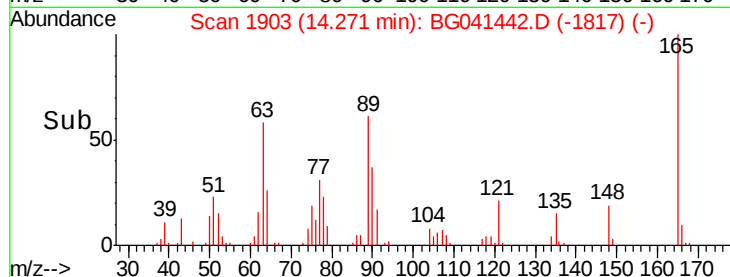
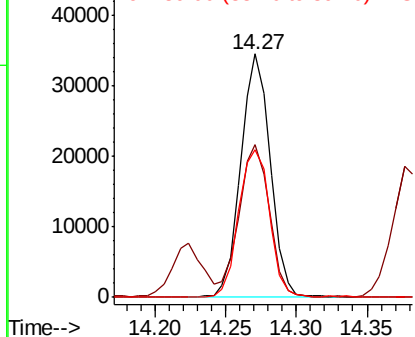
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	62.5	55.4	83.0
89	60.8	56.5	84.7

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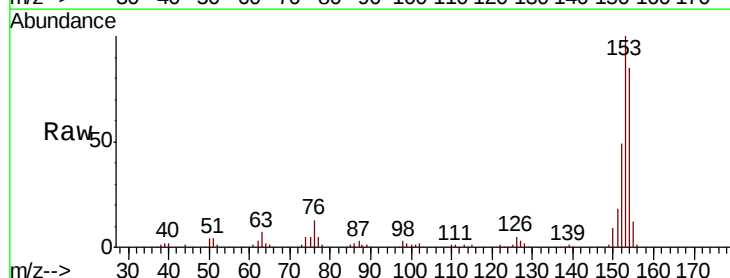


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

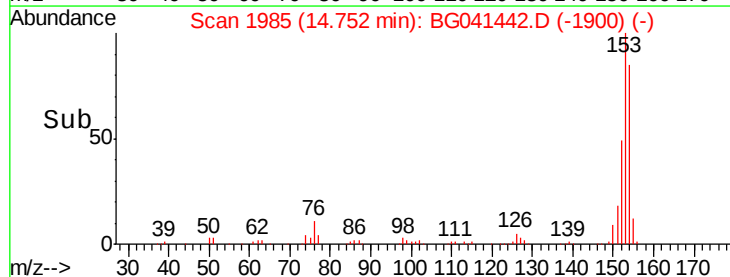
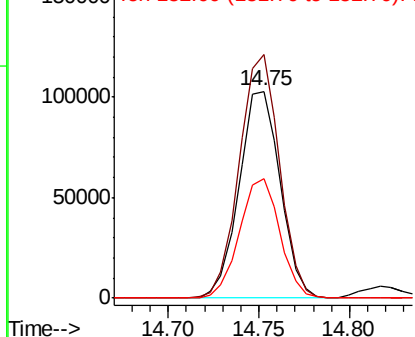


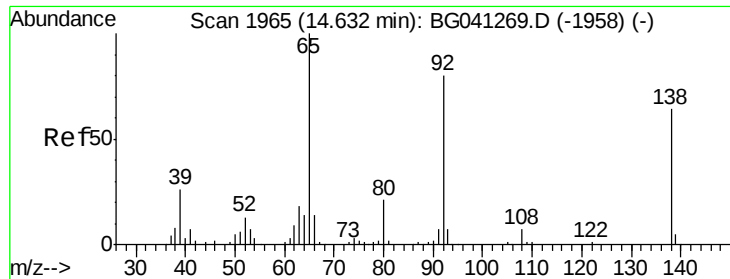
#52
Acenaphthene
Concen: 31.501 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	117.8	96.6	145.0
152	57.6	45.5	68.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





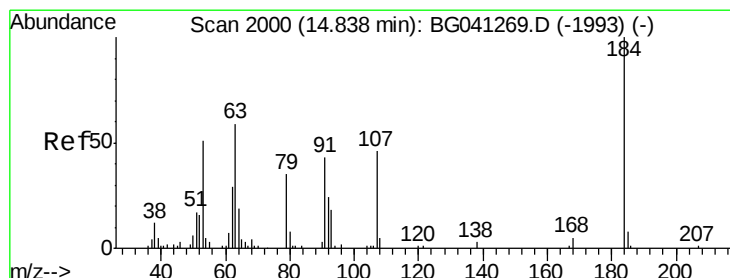
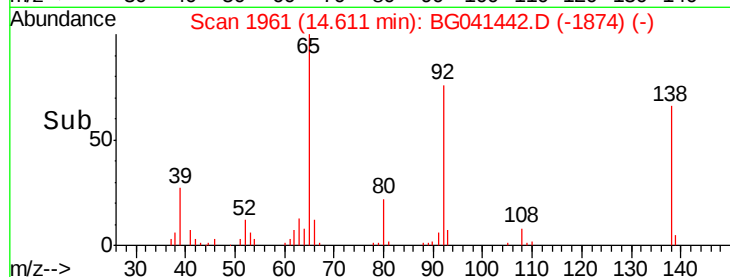
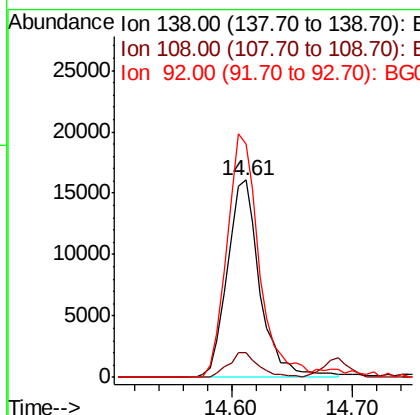
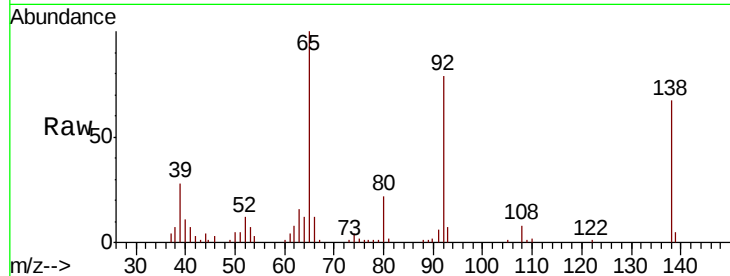
#53
3-Nitroaniline
Concen: 18.283 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampled :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	8.3	12.5#
92	118.2	100.2	150.4

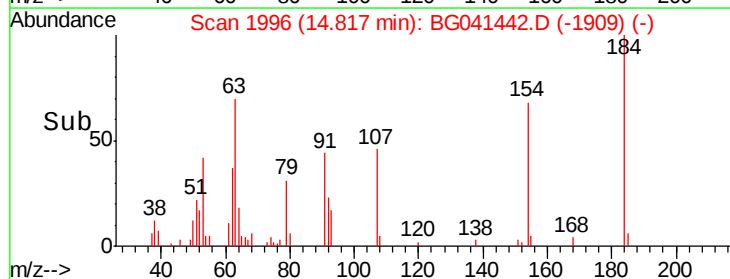
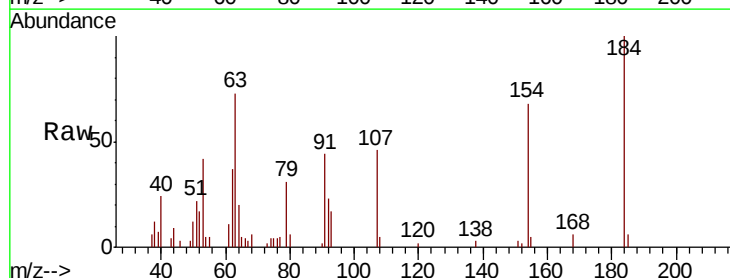
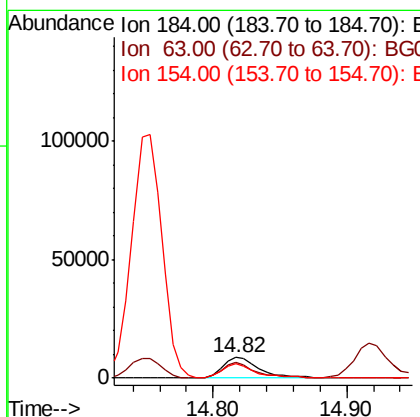
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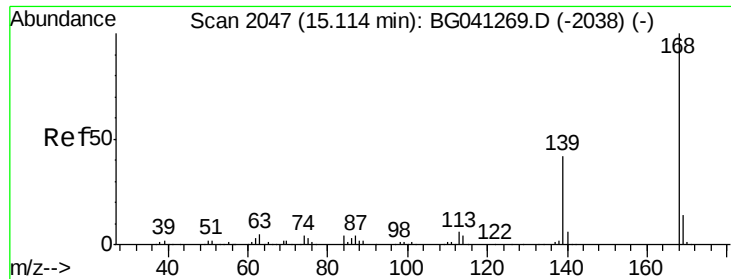
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#54
2,4-Dinitrophenol
Concen: 18.337 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.1	60.0	90.0
154	68.3	58.3	87.5





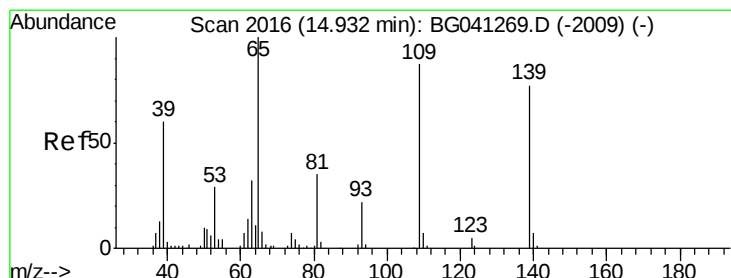
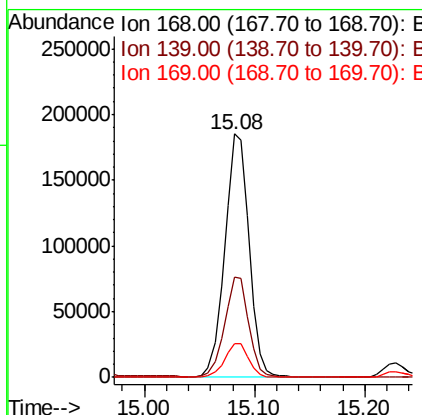
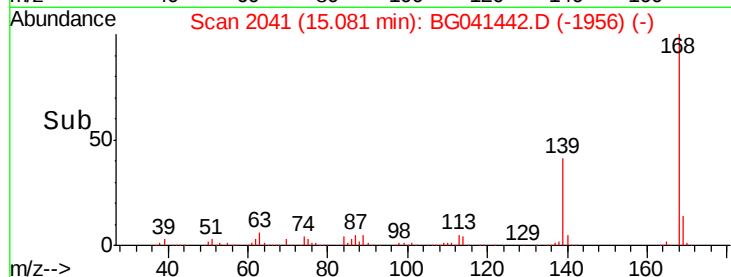
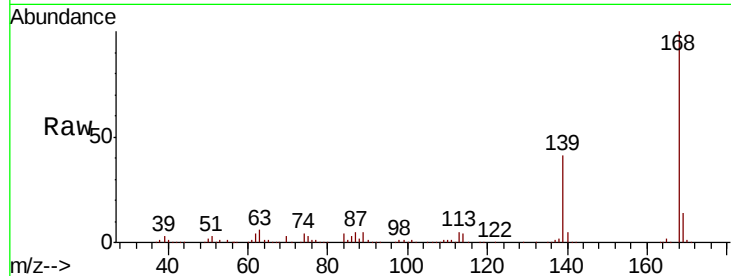
#55
Dibenzenofuran
Concen: 31.860 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	285475		
139	41.3		33.6	50.4
169	13.9		10.8	16.2

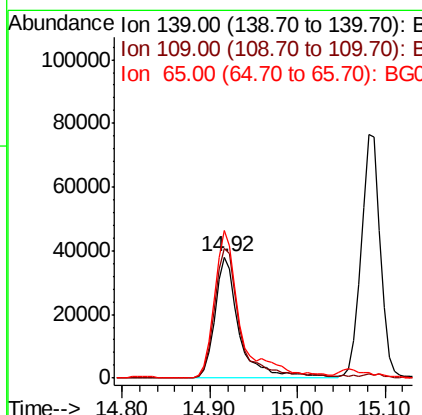
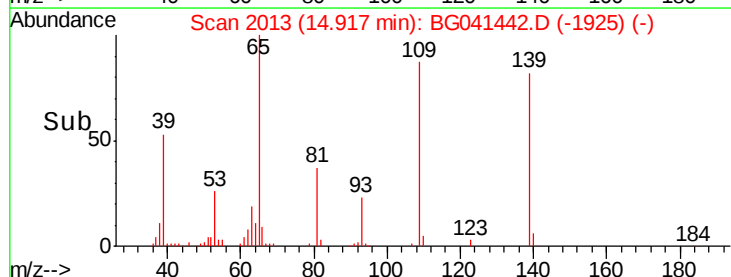
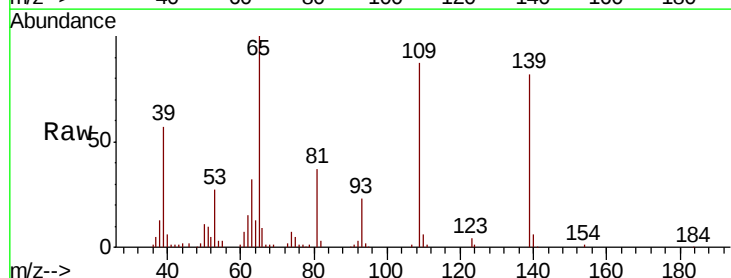
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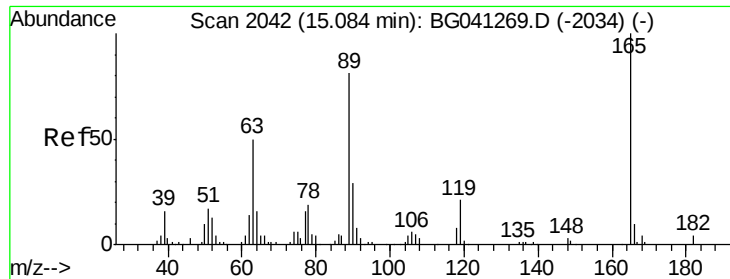
mohammad
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#56
4-Nitrophenol
Concen: 59.642 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	73355		
109	106.8		93.2	133.2
65	122.3		110.2	150.2





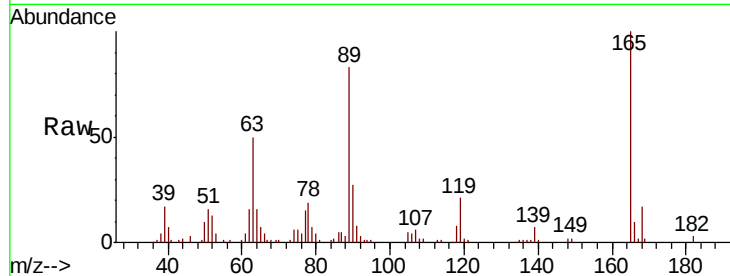
#57
2,4-Dinitrotoluene
Concen: 27.358 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

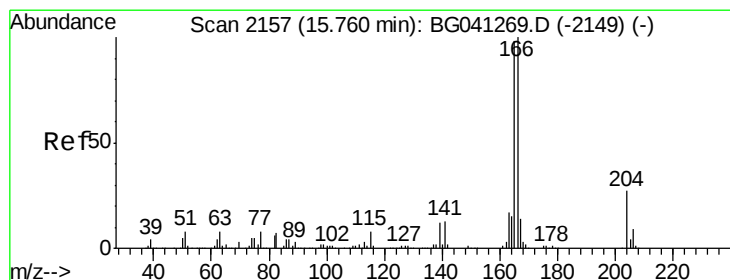
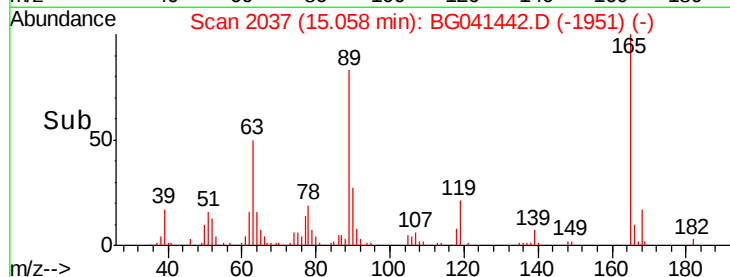
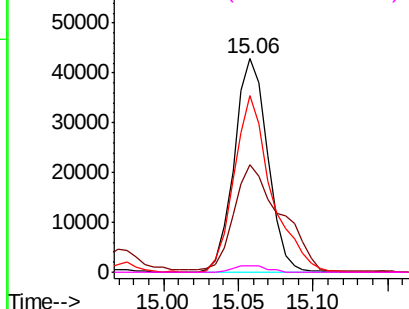
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		66669		
63	50.1		40.0	60.0	
89	82.8		64.6	96.8	
182	3.2		2.9	4.3	

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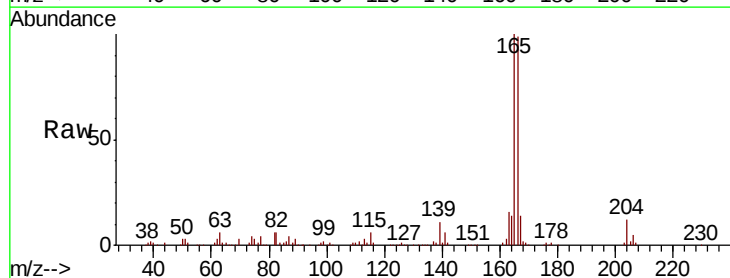


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

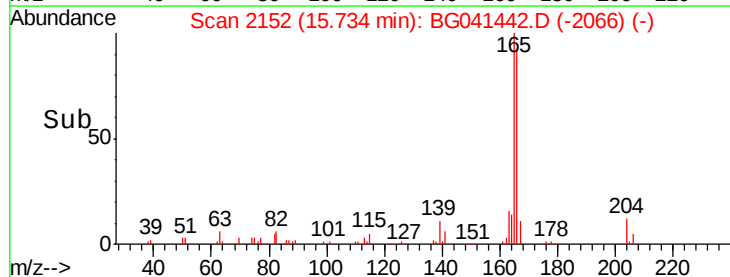
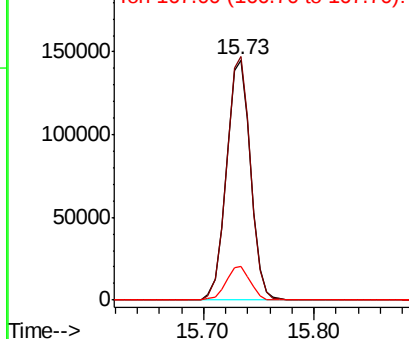


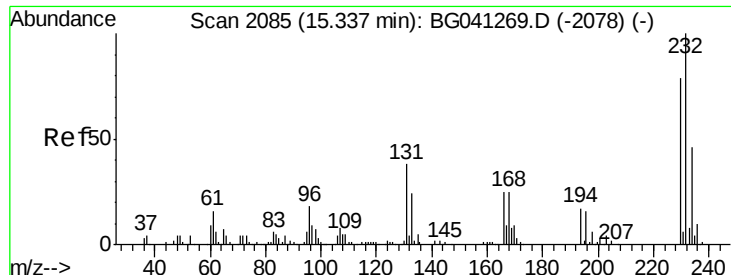
#58
Fluorene
Concen: 31.428 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		221523		
165	101.3		78.8	118.2	
167	14.0		11.3	16.9	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





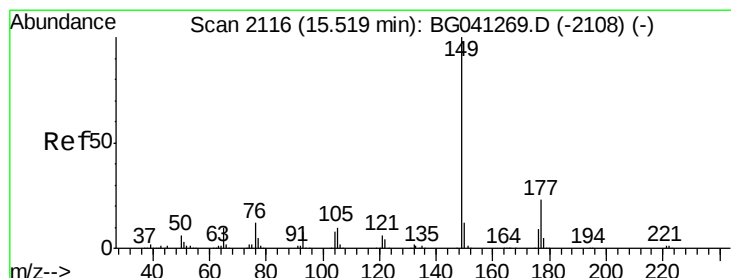
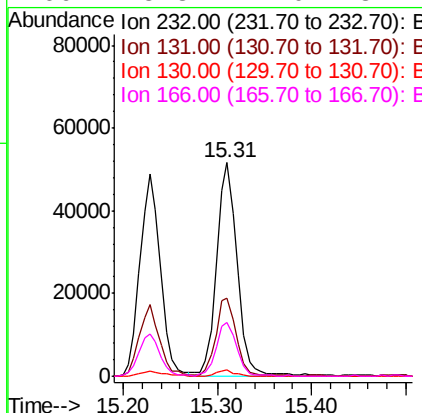
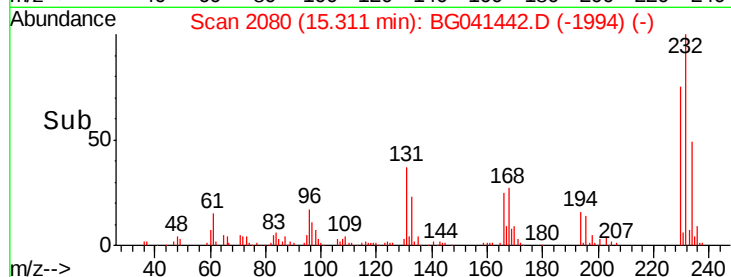
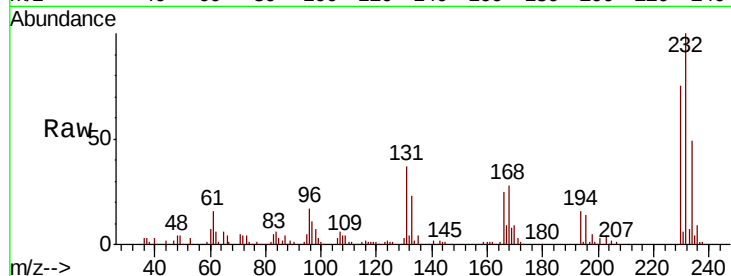
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.857 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	36.4	29.0	43.6
130	2.5	1.6	2.4
166	25.3	21.0	31.4

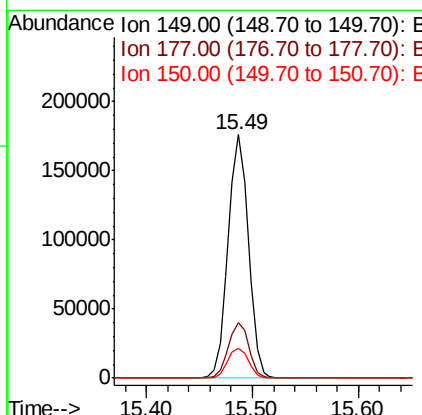
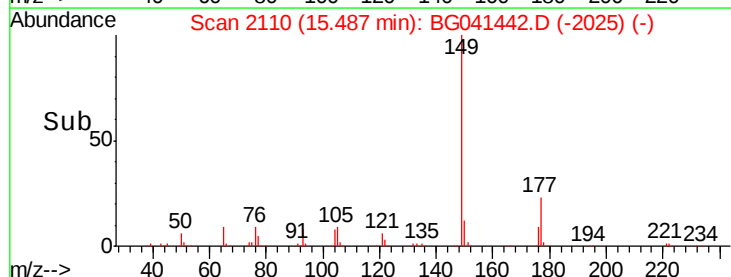
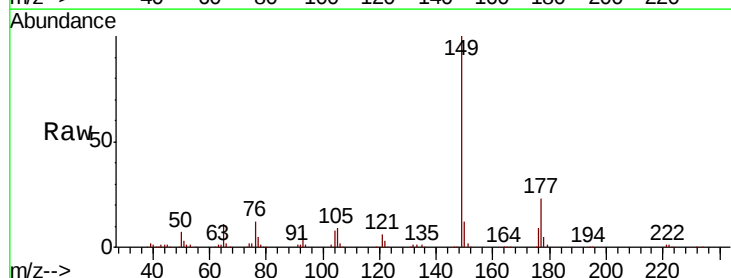
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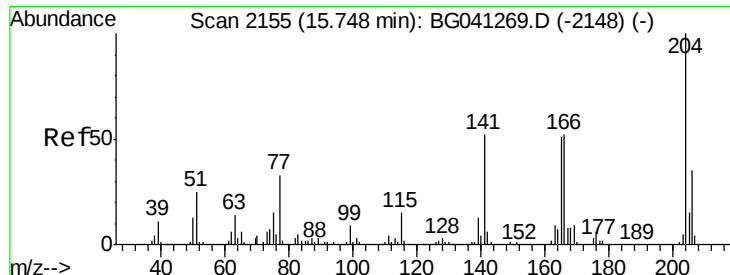
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#60
 Diethylphthalate
 Concen: 29.132 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.7	18.4	27.6
150	12.2	9.9	14.9





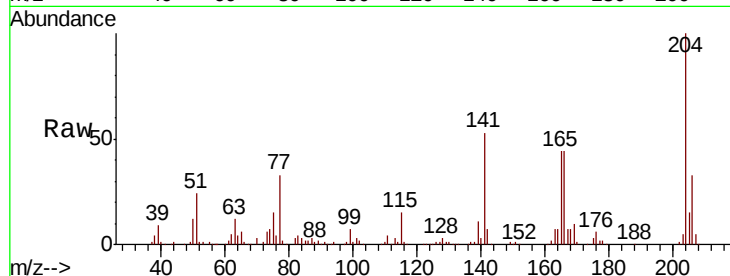
#61
4-Chlorophenyl-phenylether
Concen: 30.498 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.0	27.9	41.9
141	53.0	41.4	62.0

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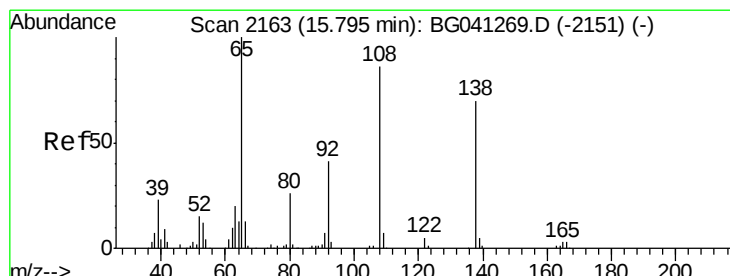
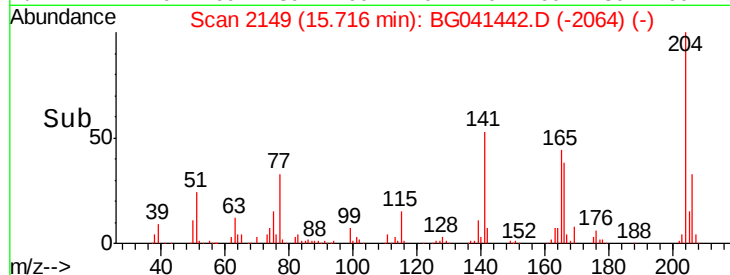
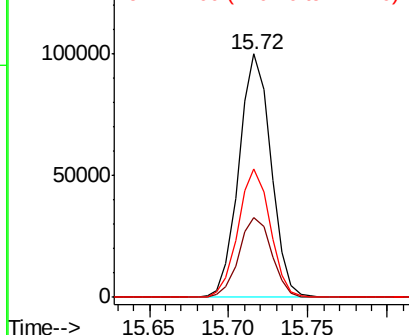


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 24.883 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

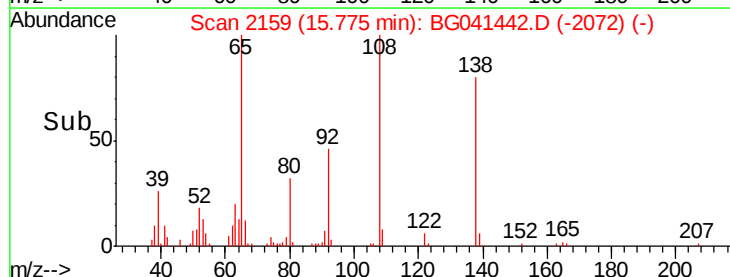
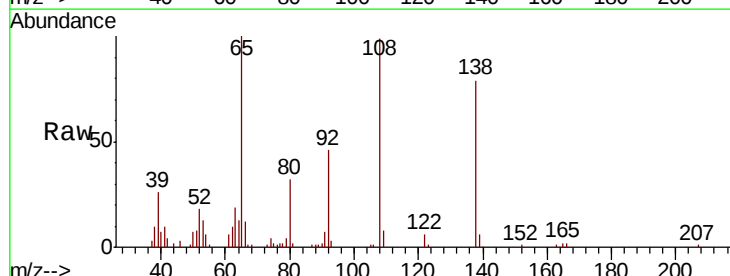
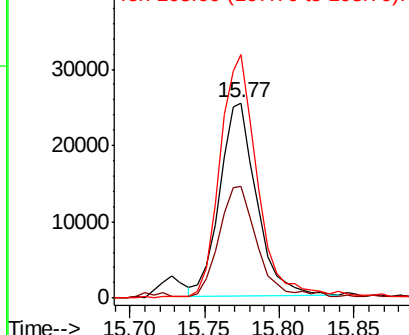
Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	57.5	38.8	78.8
108	124.9	103.4	143.4

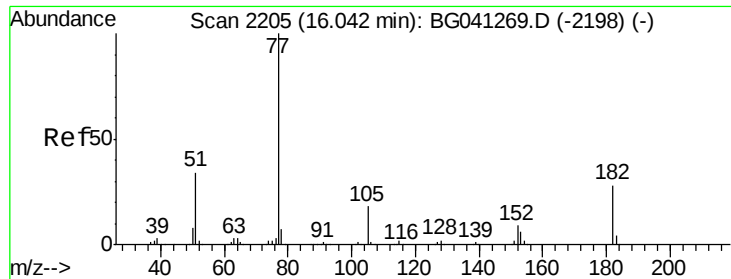
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





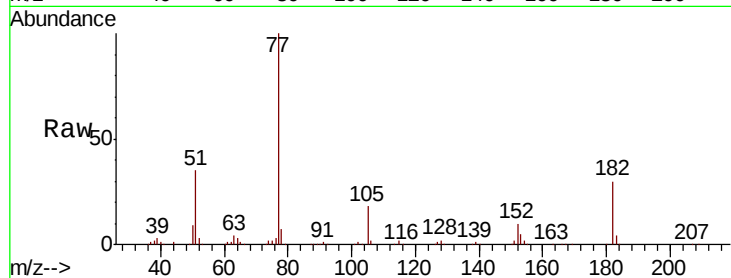
#63
Azobenzene
Concen: 29.382 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

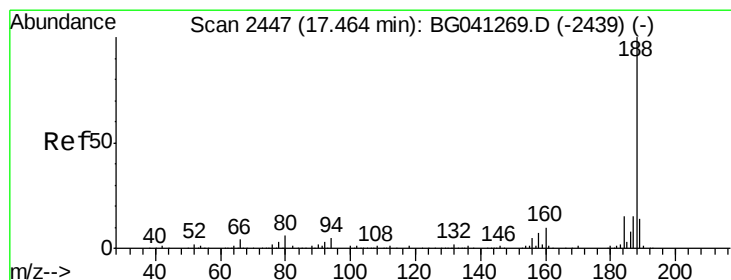
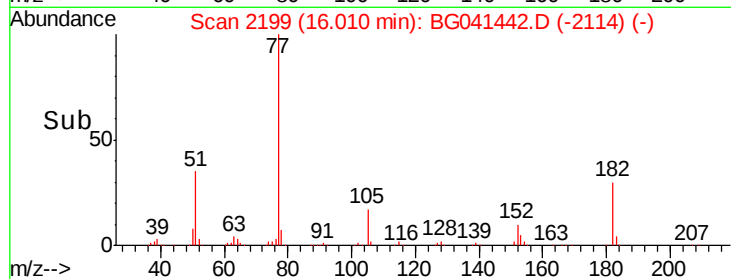
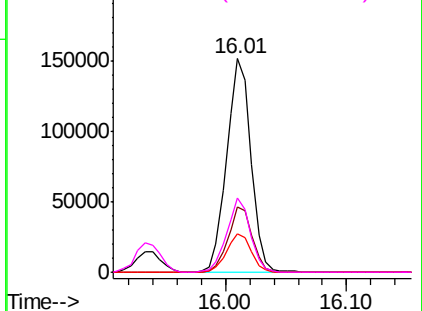
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	30.4	7.5	47.5		
105	17.7	0.0	37.7		
51	34.8	14.6	54.6		

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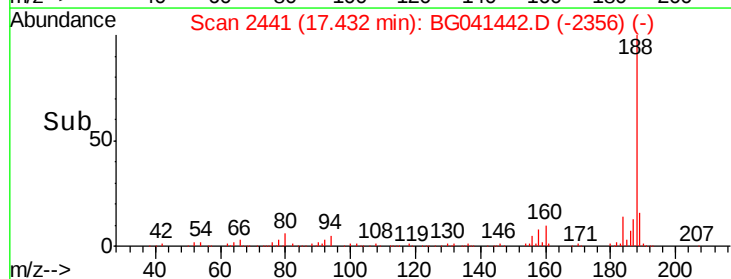
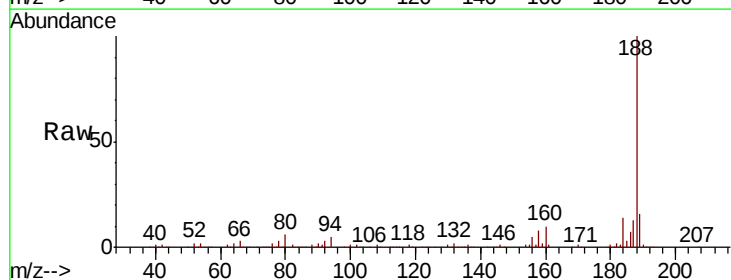
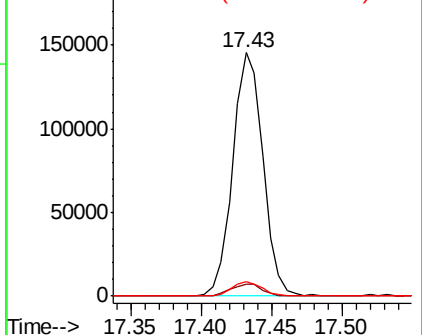
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

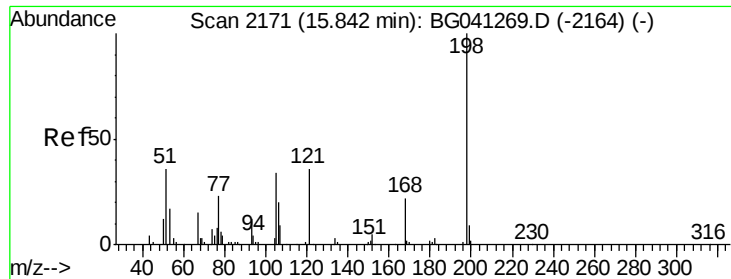


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	4.7	3.6	5.4		
80	5.8	4.8	7.2		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 13.362 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

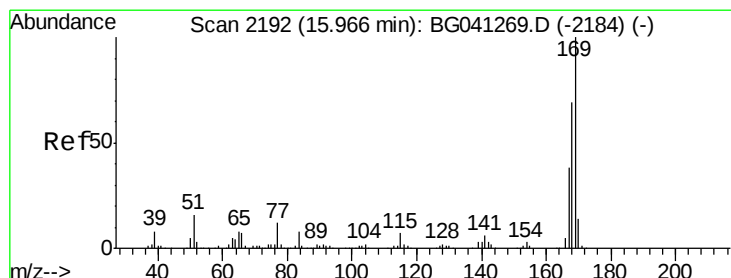
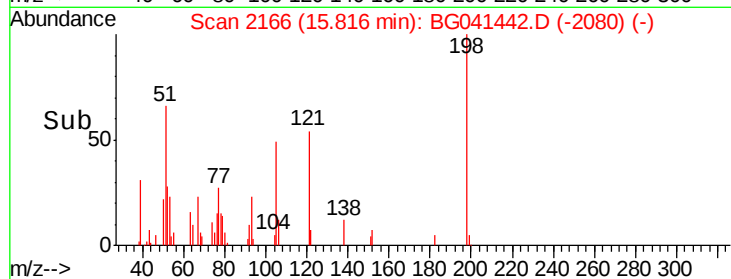
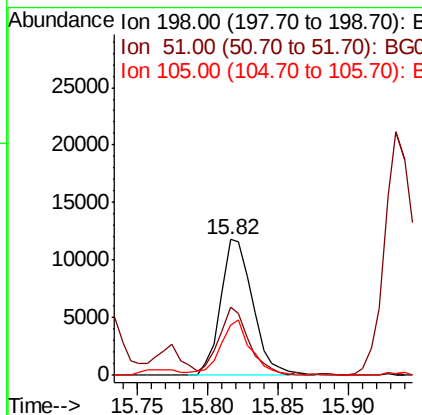
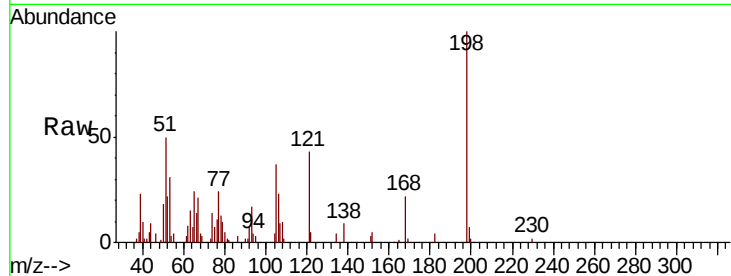
ClientSampleId :

B-2(9-10)MSD

Tot Ion:	198	Resp:	18814
Ion Ratio	Lower	Upper	
198	100		
51	50.4	23.4	63.4
105	37.3	15.8	55.8

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#66

n-Nitrosodiphenylamine

Concen: 33.831 ng

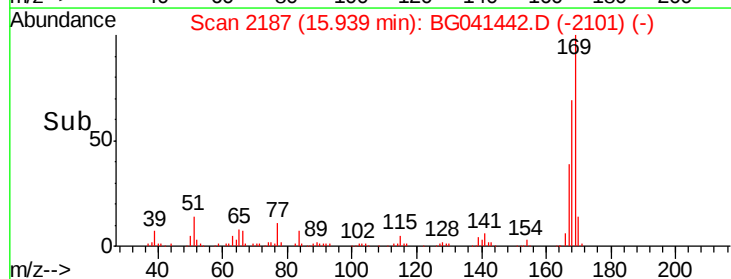
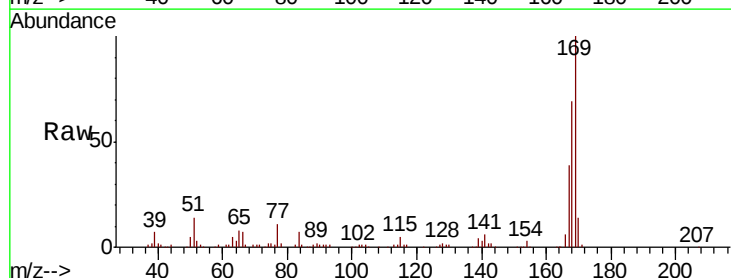
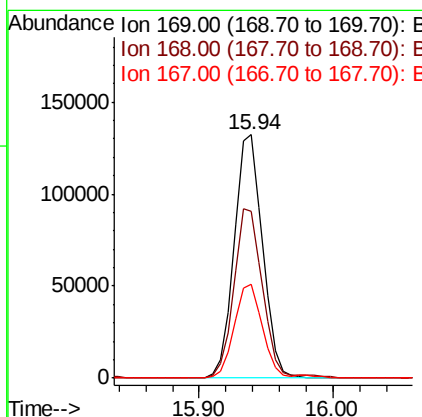
RT: 15.94 min Scan# 2187

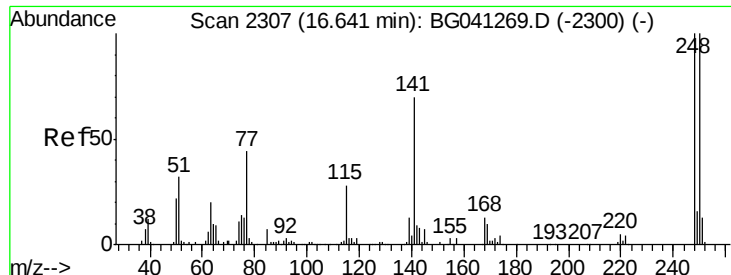
Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Tgt Ion:	169	Resp:	194858
Ion Ratio	Lower	Upper	
169	100		
168	68.7	55.2	82.8
167	38.6	30.4	45.6





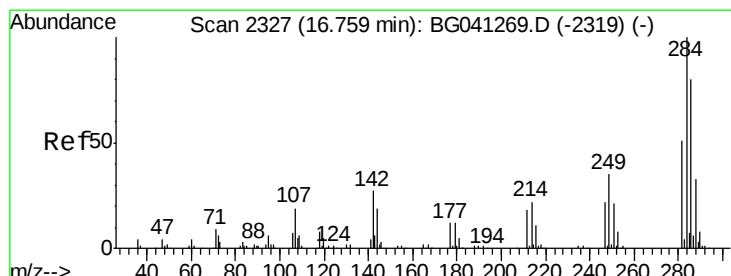
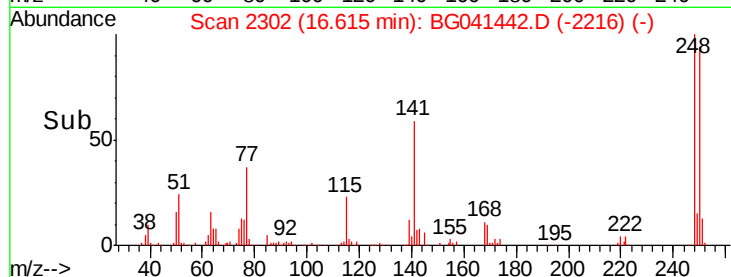
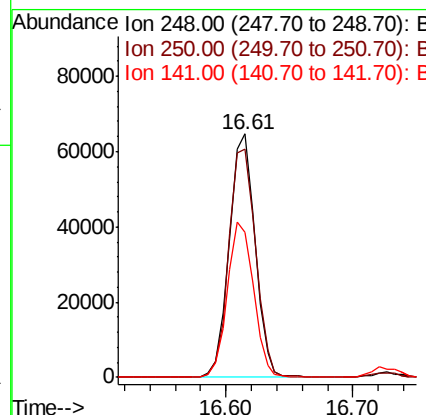
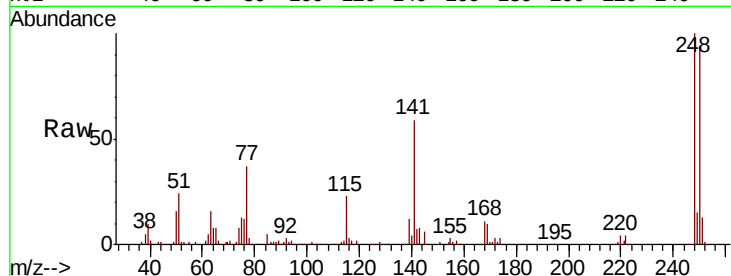
#67
4-Bromophenyl-phenylether
Concen: 32.524 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.0	79.8	119.8
141	59.4	55.8	83.6

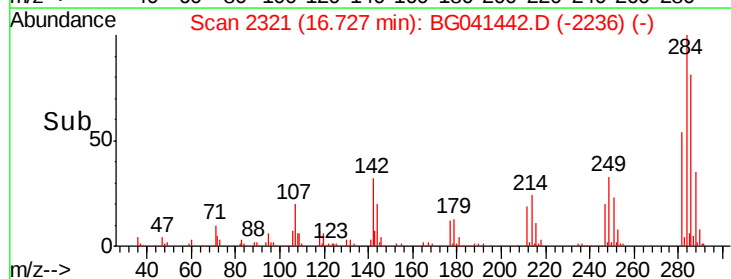
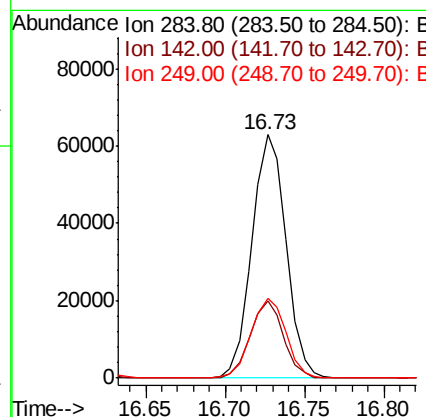
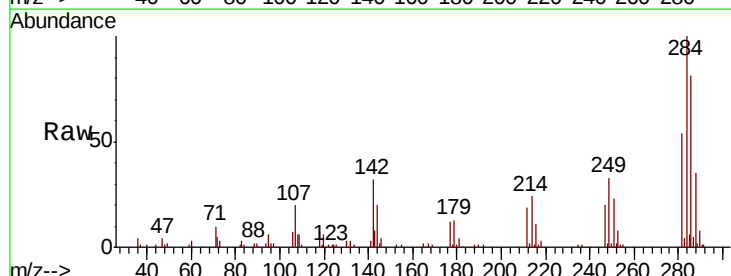
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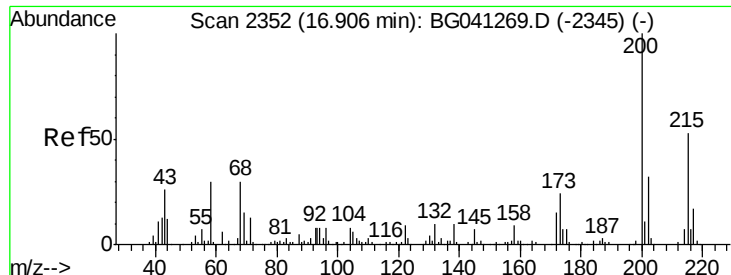
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#68
Hexachlorobenzene
Concen: 31.328 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	21.8	32.8
249	32.8	27.8	41.6





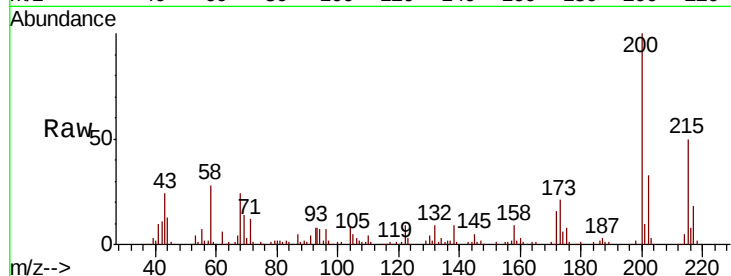
#69
 Atrazine
 Concen: 36.250 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	21.4	4.0	44.0
215	50.2	33.4	73.4

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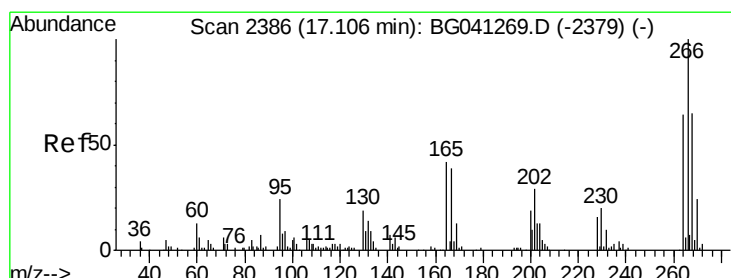
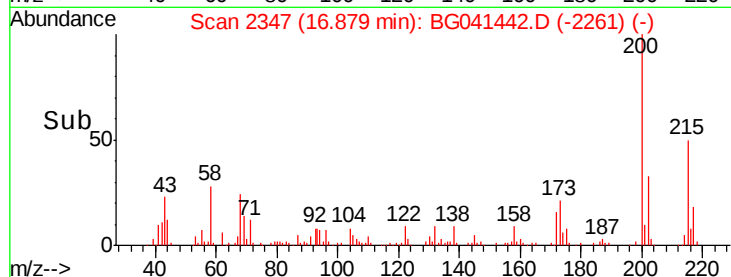
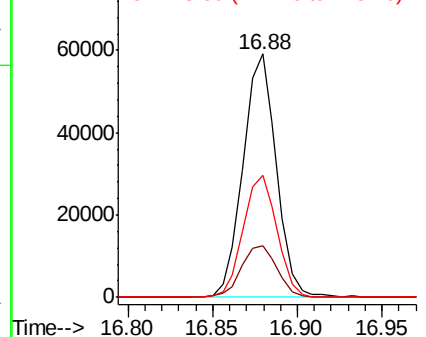


Abundance

Ion 200.00 (199.70 to 200.70): E

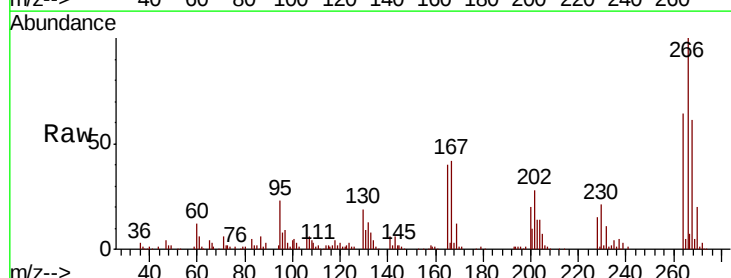
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 68.326 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.2	52.0	78.0
264	64.4	51.2	76.8

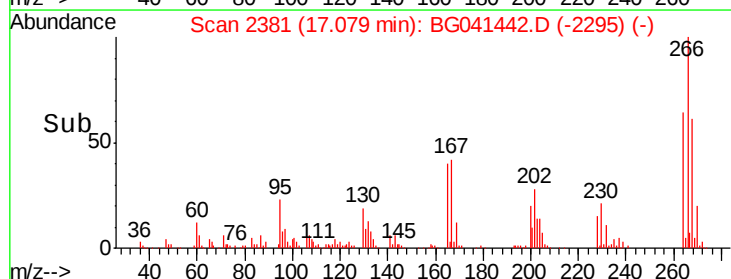
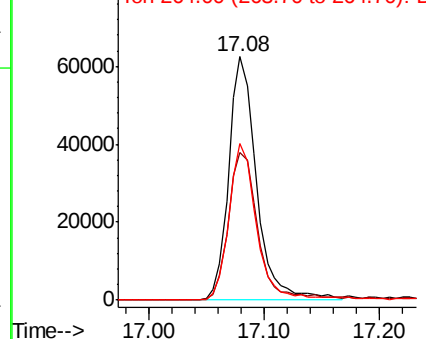


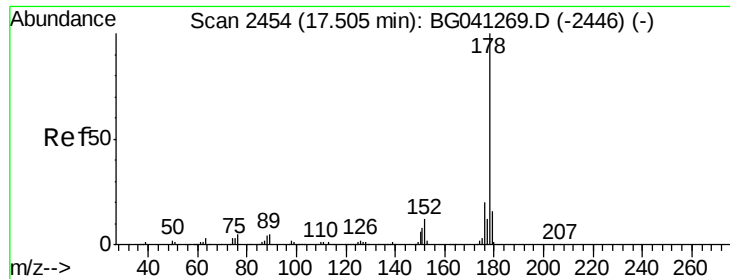
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





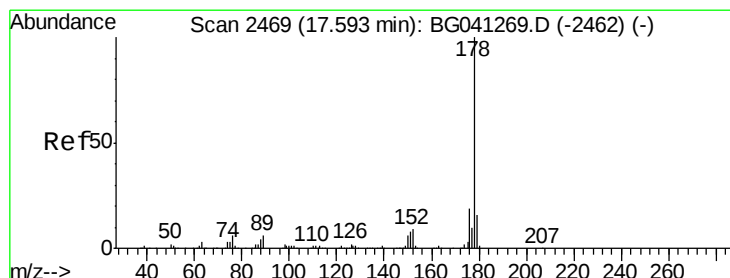
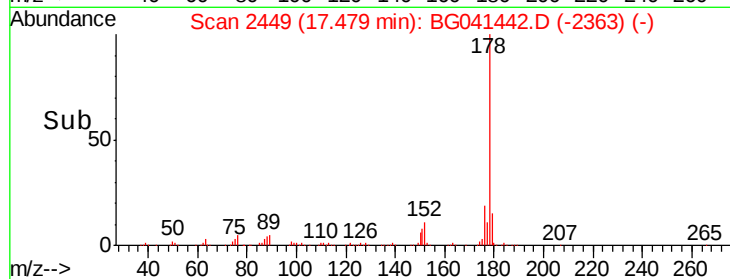
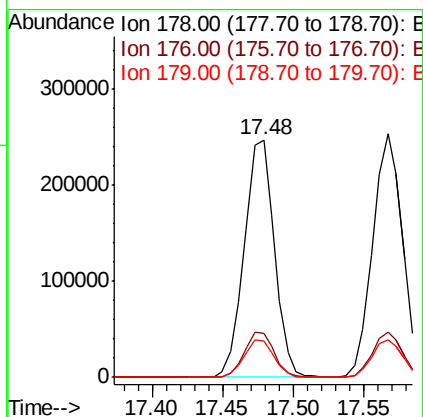
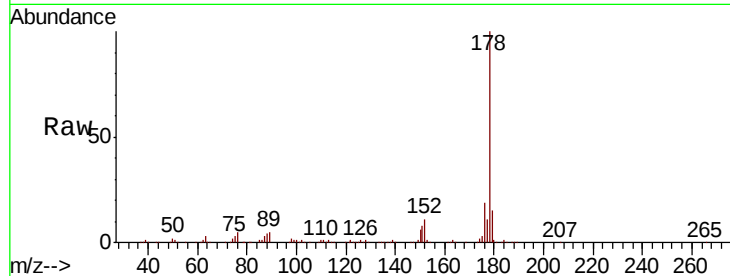
#71
Phenanthrene
Concen: 32.105 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.1	24.1
179	15.5	12.9	19.3

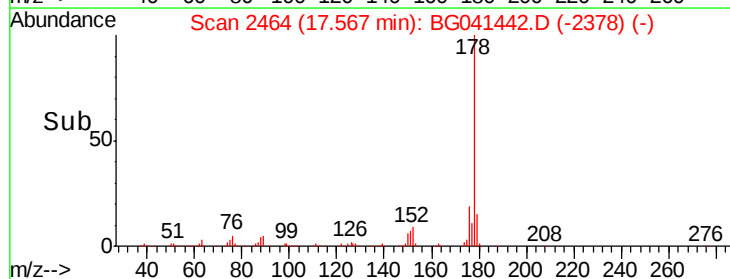
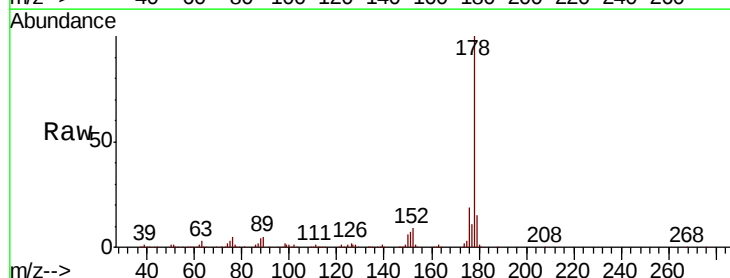
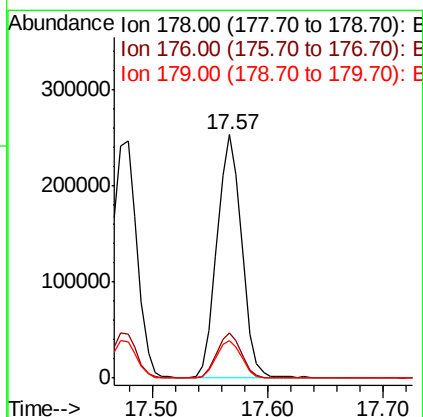
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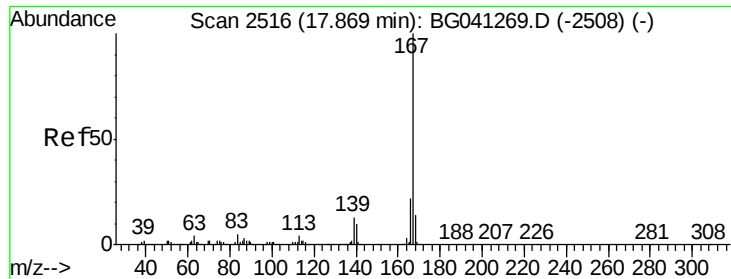
mohammad
6/28/2019 8:24:41 AM



#72
Anthracene
Concen: 32.942 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

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





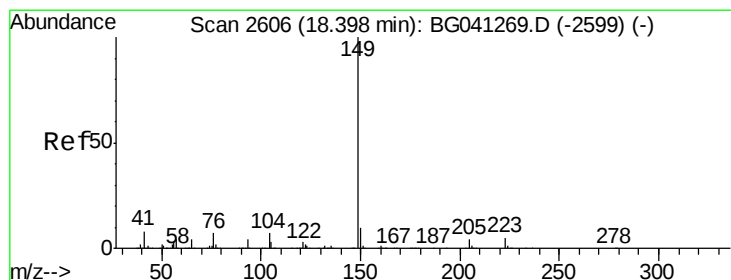
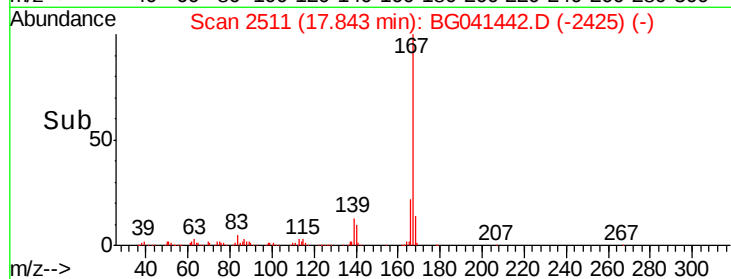
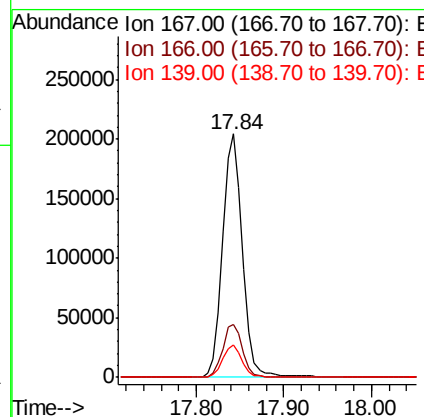
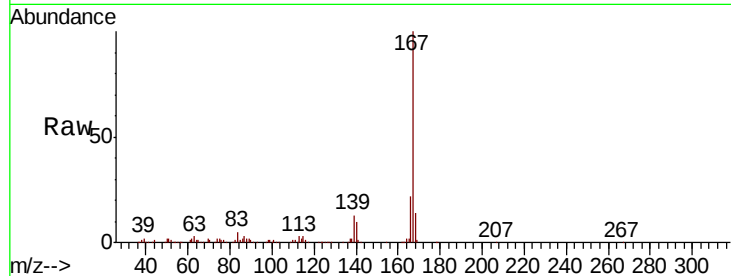
#73
 Carbazole
 Concen: 32.163 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampled :
 B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	13.2	10.7	16.1

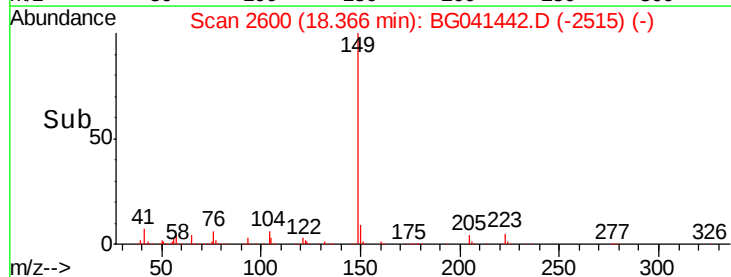
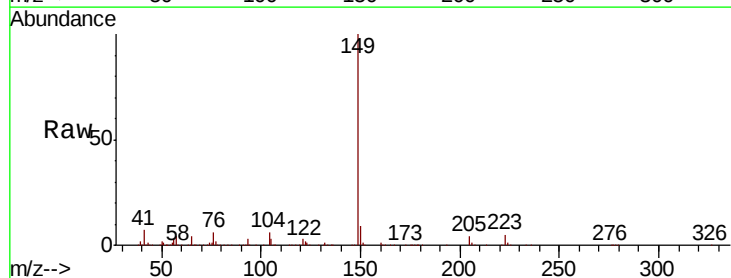
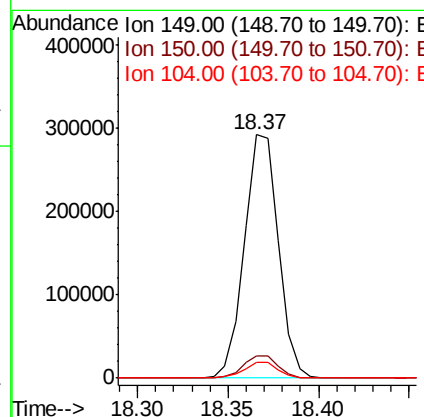
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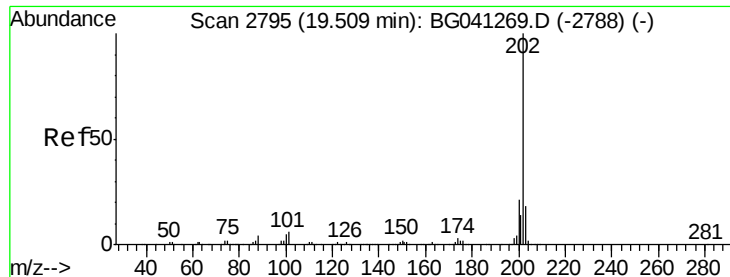
mohammad
 6/28/2019 8:24:41 AM



#74
 Di-n-butylphthalate
 Concen: 30.635 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	6.4	5.4	8.0





#75

Fluoranthene

Concen: 31.135 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

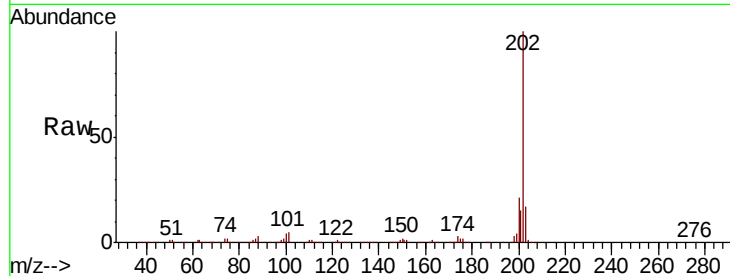
ClientSampleId :

B-2(9-10)MSD

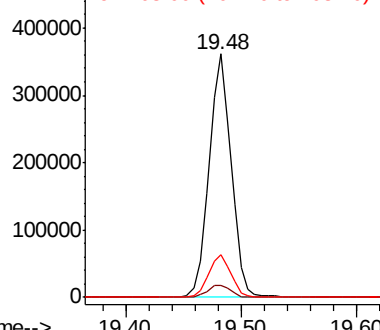
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		478541		
101	4.9	0.0	26.0		
203	17.4	0.0	37.7		

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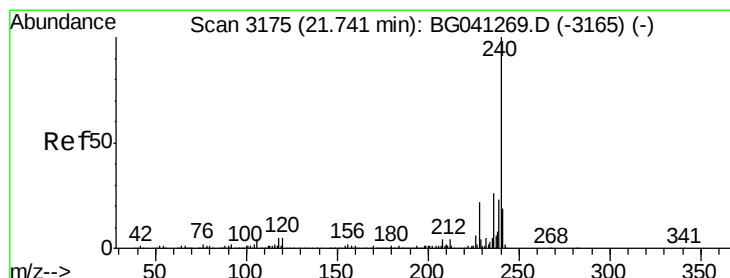
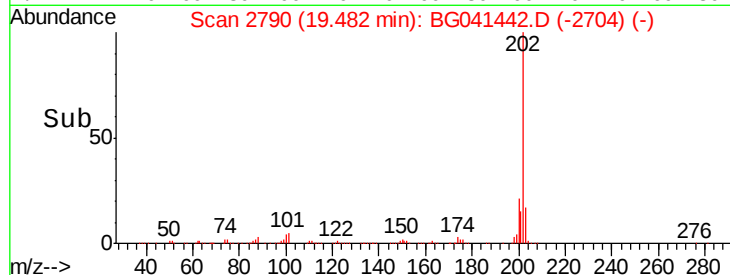
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

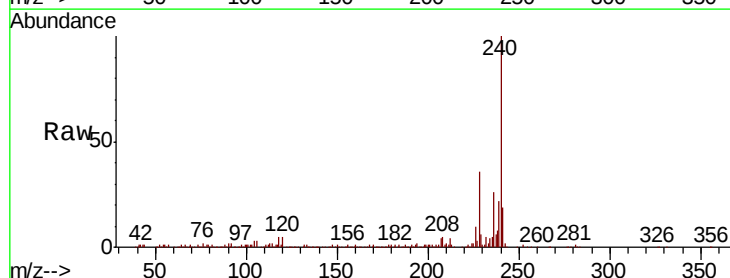
RT: 21.71 min Scan# 3169

Delta R.T. -0.03 min

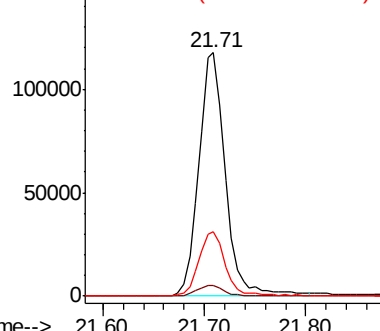
Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

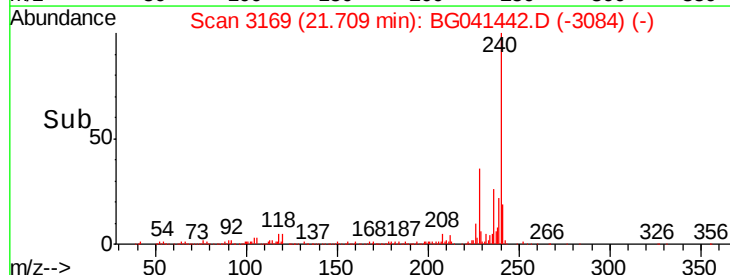
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		213194		
120	4.5	3.7	5.5		
236	26.4	21.1	31.7		

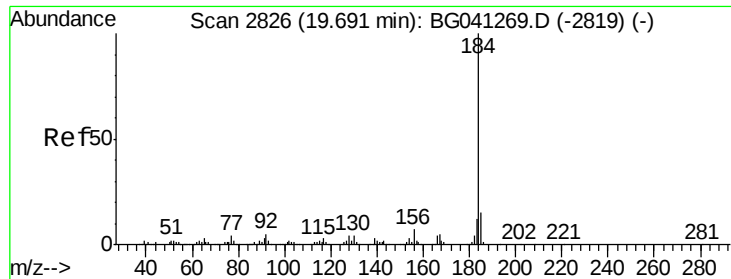


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 13.041 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

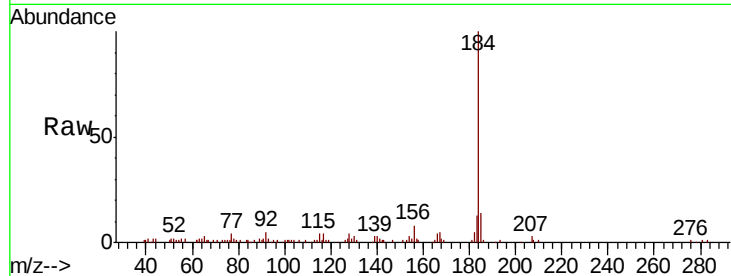
ClientSampleId :

B-2(9-10)MSD

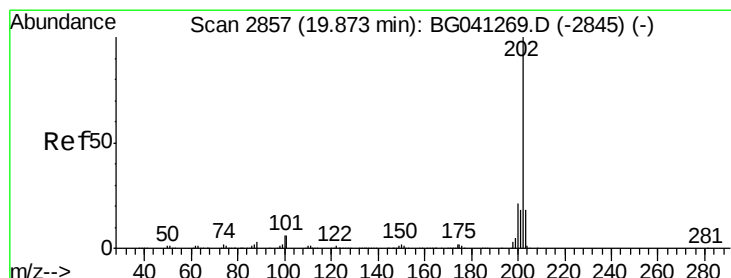
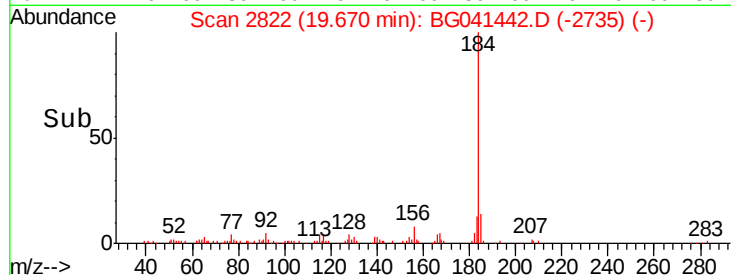
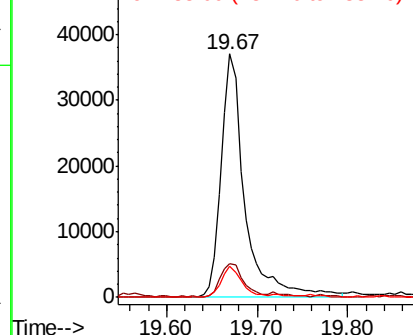
Tot Ion:	184	Resp:	67247
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.2	18.2
183	12.6	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.825 ng

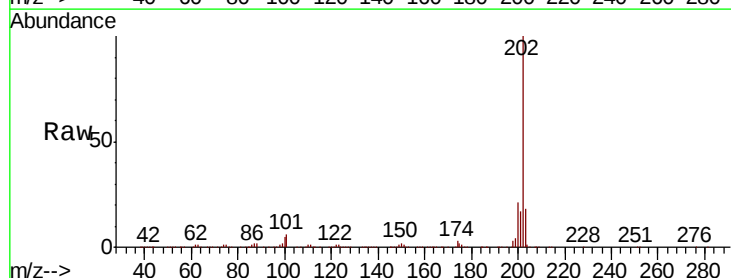
RT: 19.85 min Scan# 2852

Delta R.T. -0.03 min

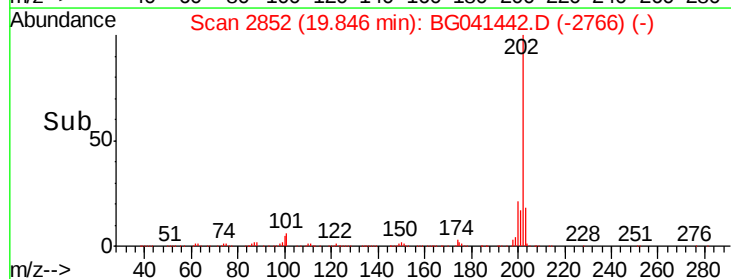
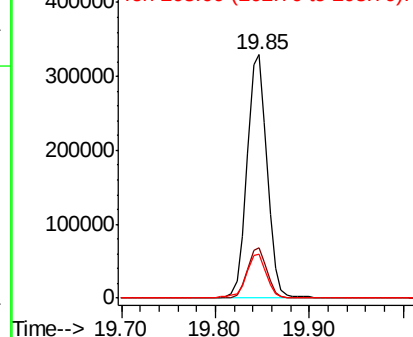
Lab File: BG041442.D

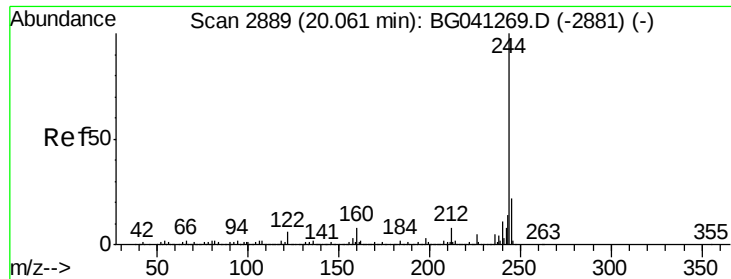
Acq: 25 Jun 2019 4:11

Tgt Ion:	202	Resp:	486333
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	18.0	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





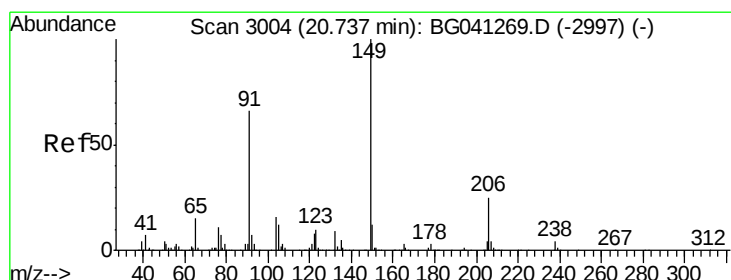
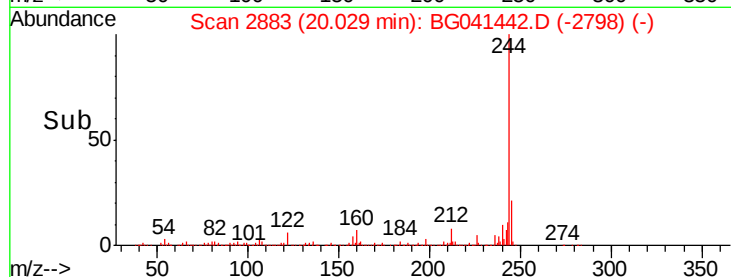
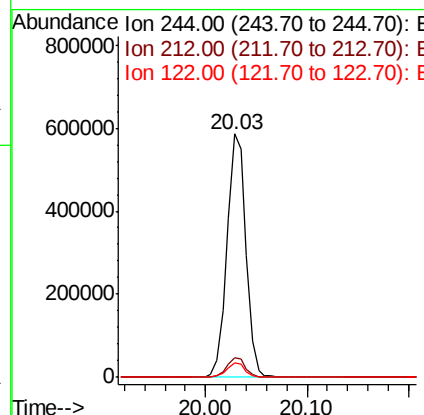
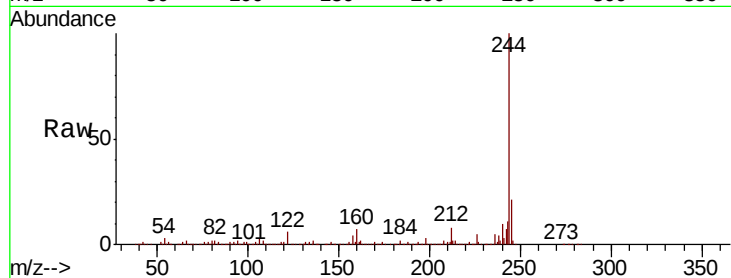
#79
 Terphenyl-d14
 Concen: 70.276 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	6.1	5.0	7.4

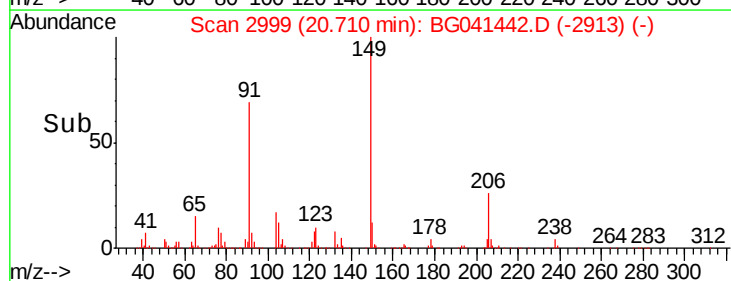
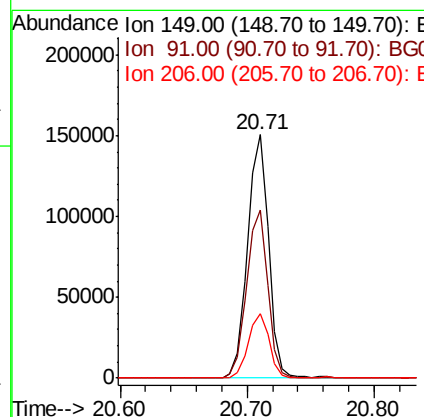
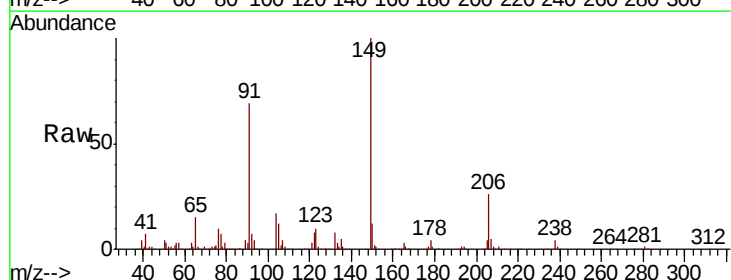
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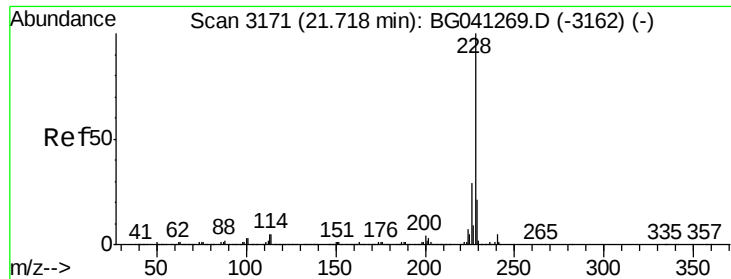
mohammad
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#80
 Butylbenzylphthalate
 Concen: 31.825 ng
 RT: 20.71 min Scan# 2999
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	53.2	79.8
206	26.4	20.3	30.5





#81

Benzo(a)anthracene

Concen: 31.318 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

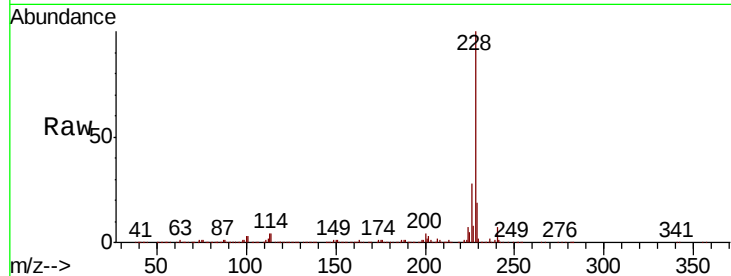
ClientSampleId :

B-2(9-10)MSD

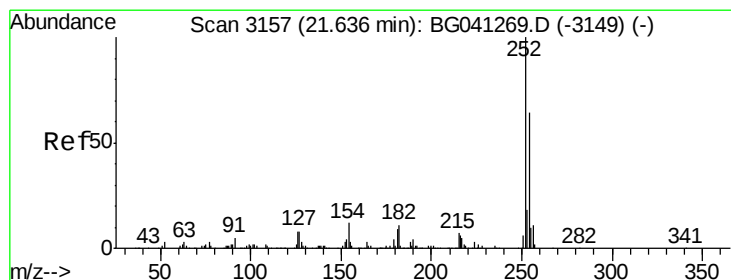
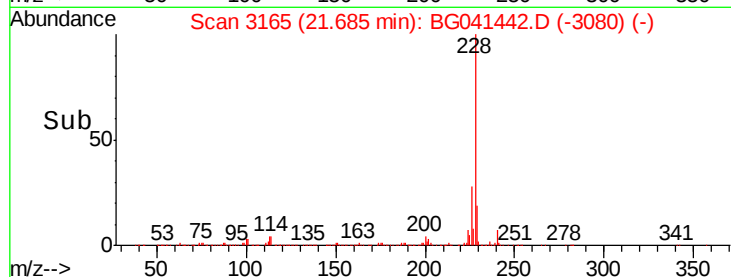
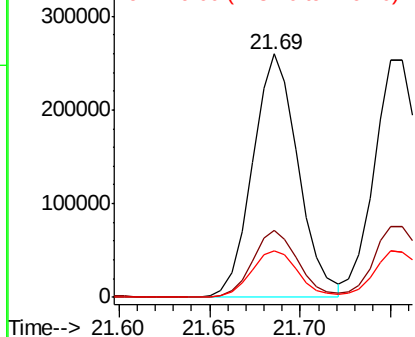
Tot Ion:	228	Resp:	452077
Ion Ratio	Lower	Upper	
228	100		
226	27.6	23.2	34.8
229	18.9	16.8	25.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.155 ng

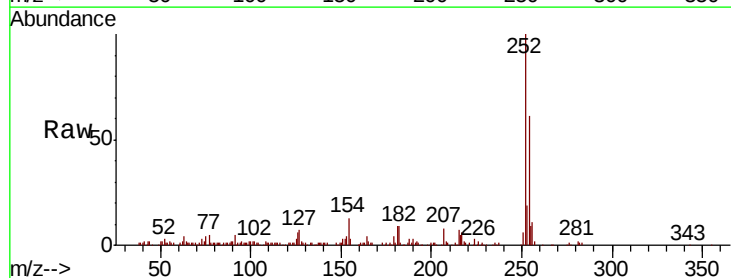
RT: 21.60 min Scan# 3150

Delta R.T. -0.04 min

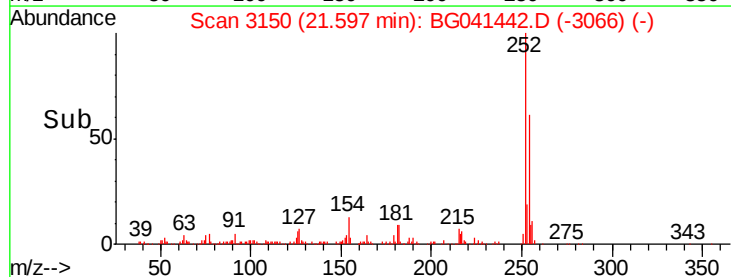
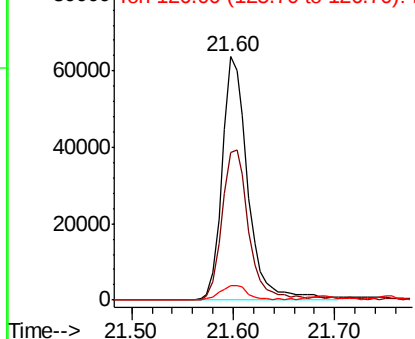
Lab File: BG041442.D

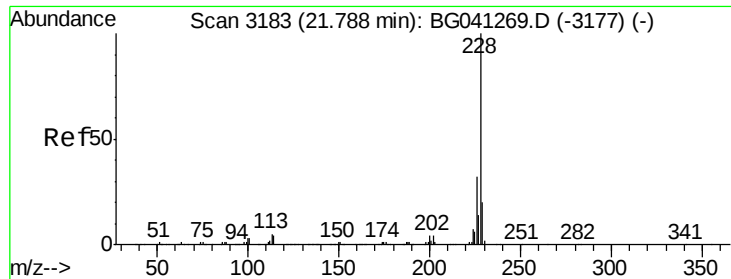
Acq: 25 Jun 2019 4:11

Tgt Ion:	252	Resp:	112266
Ion Ratio	Lower	Upper	
252	100		
254	60.8	51.4	77.0
126	6.1	6.0	9.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





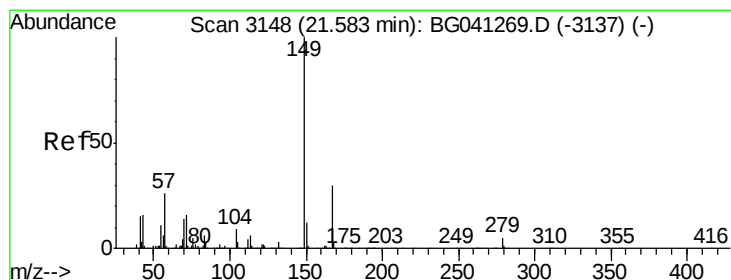
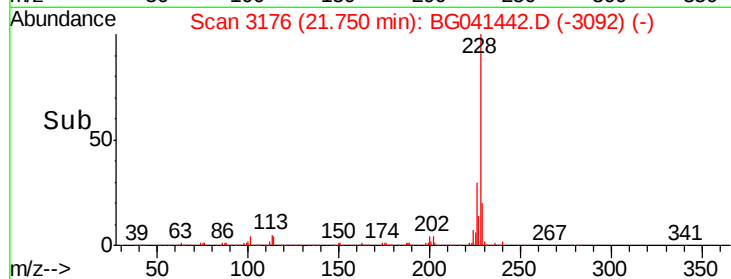
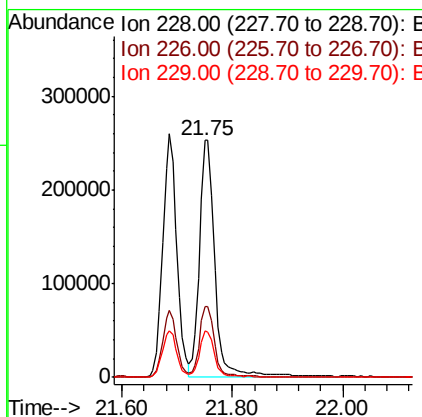
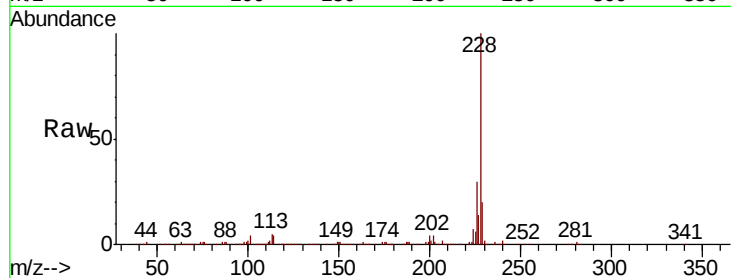
#83
 Chrvsene
 Concen: 34.658 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.0
229	19.9	16.2	24.2

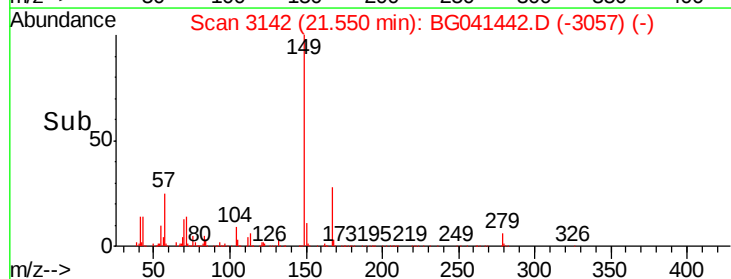
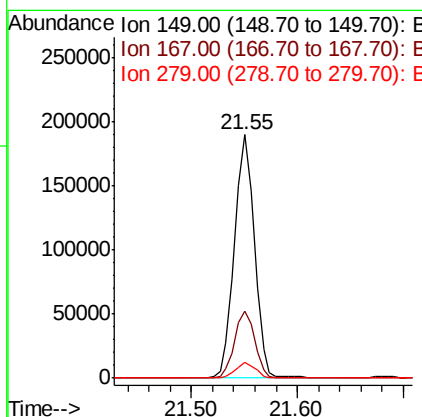
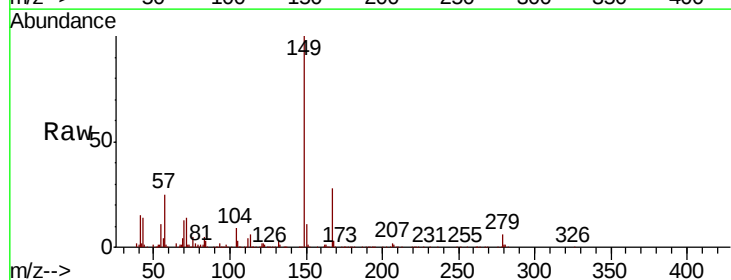
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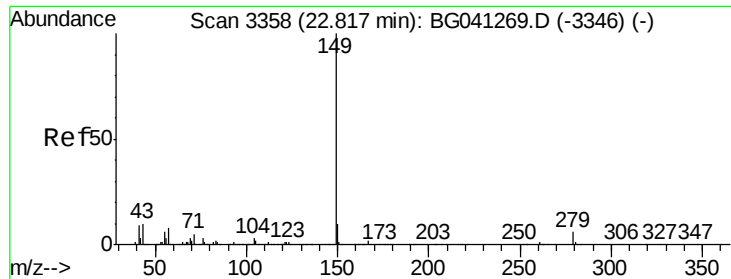
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.341 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.8	35.8
279	6.3	4.4	6.6





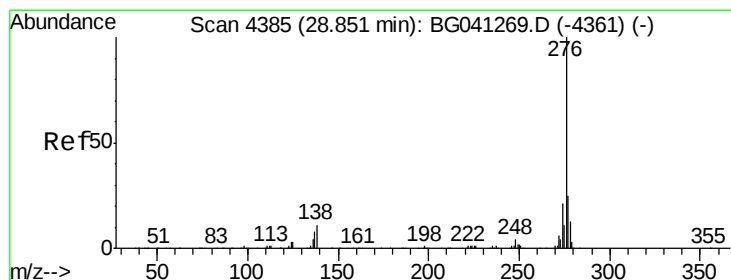
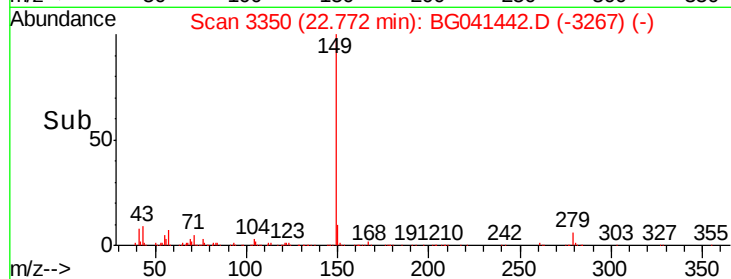
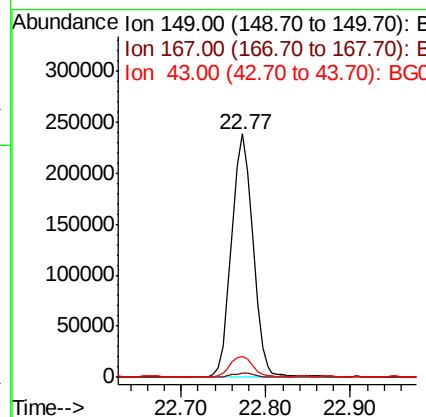
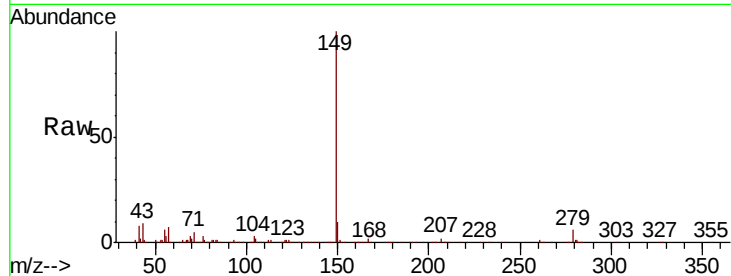
#85
Di-n-octyl phthalate
Concen: 33.093 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.7	8.2	12.2

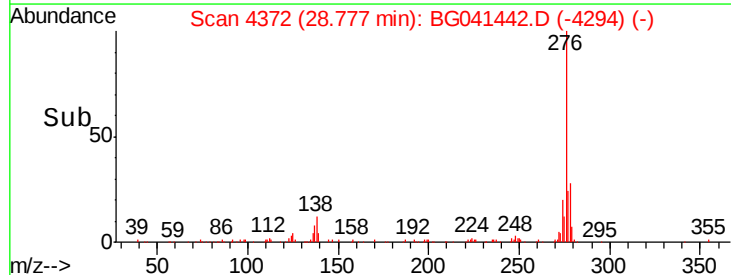
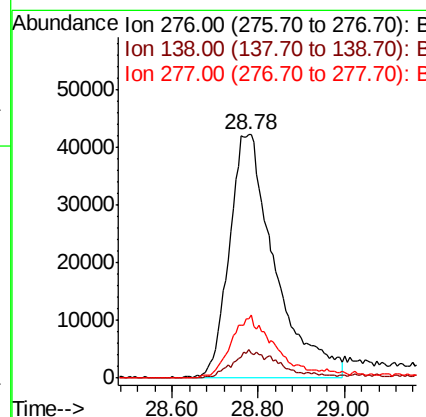
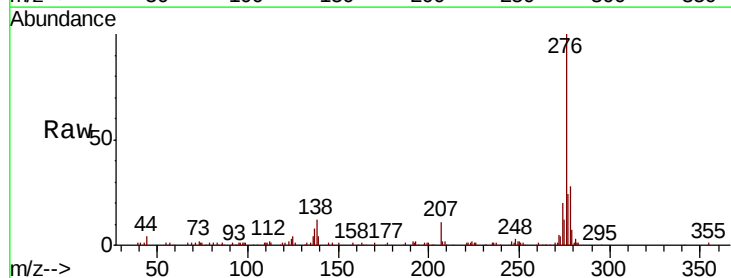
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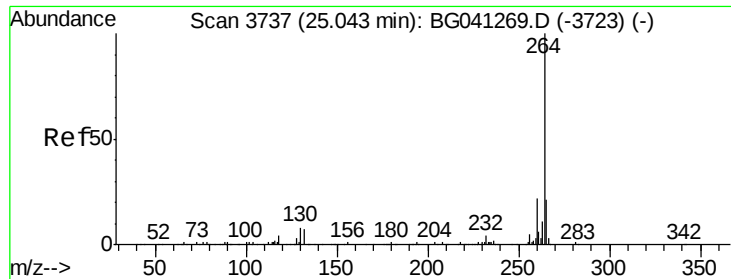
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#86
Indeno(1,2,3-cd)pyrene
Concen: 18.709 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.07 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.3	7.7	11.5#
277	24.5	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

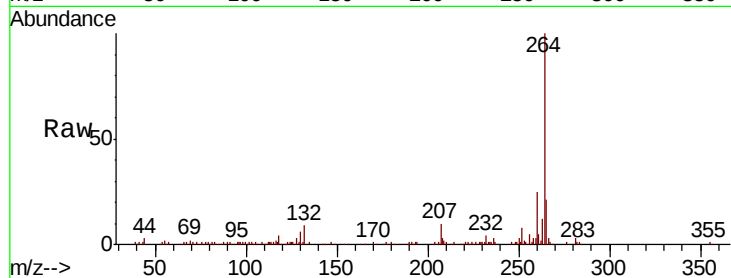
ClientSampleId :

B-2(9-10)MSD

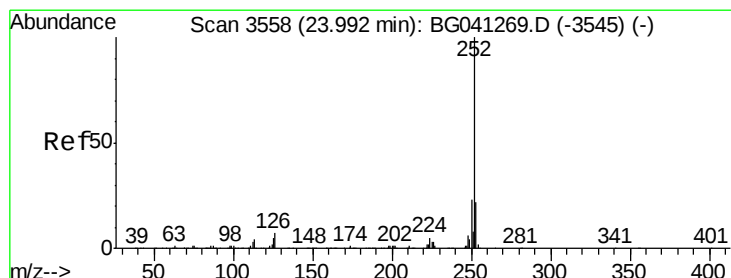
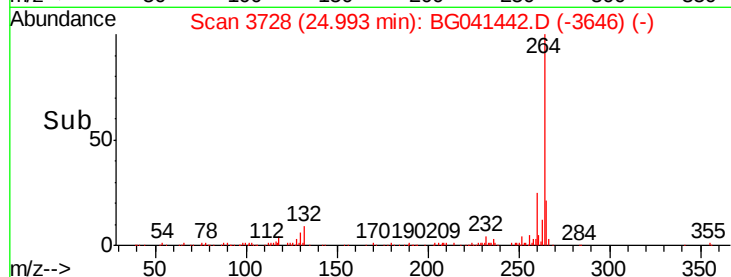
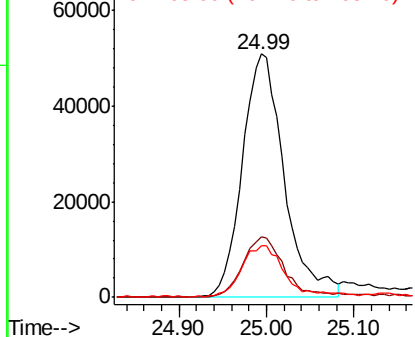
Tot Ion:	264	Resp:	166201
Ion Ratio	Lower	Upper	
264	100		
260	24.7	17.4	26.2
265	21.2	17.2	25.8

Manual Integrations
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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: 32.607 ng

RT: 23.94 min Scan# 3548

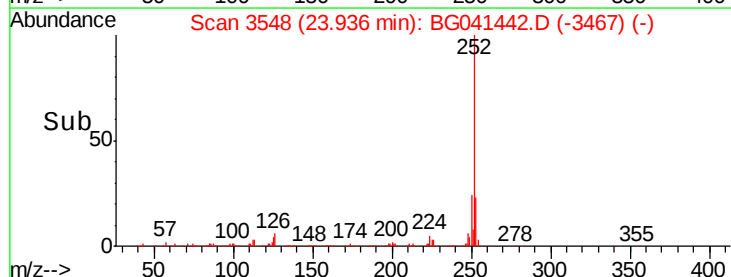
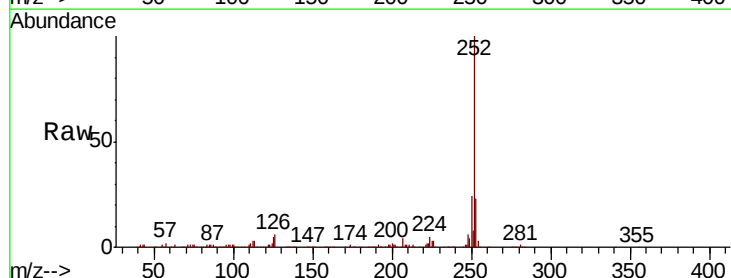
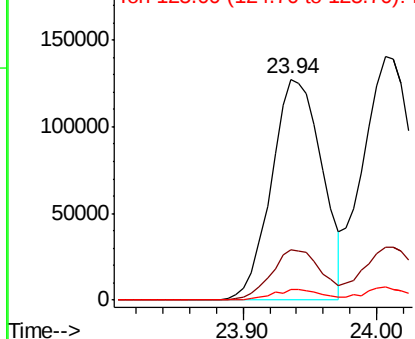
Delta R.T. -0.06 min

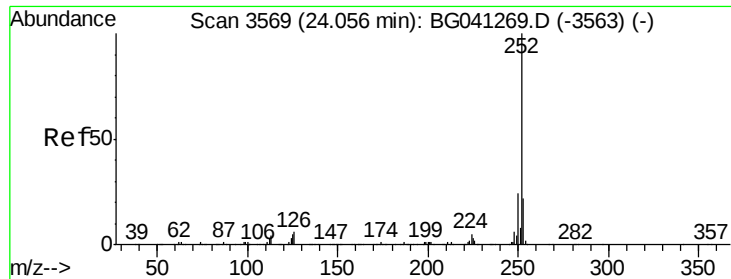
Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Tgt Ion:	252	Resp:	335852
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	4.7	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: 37.669 ng

RT: 24.01 min Scan# 3560

Delta R.T. -0.05 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

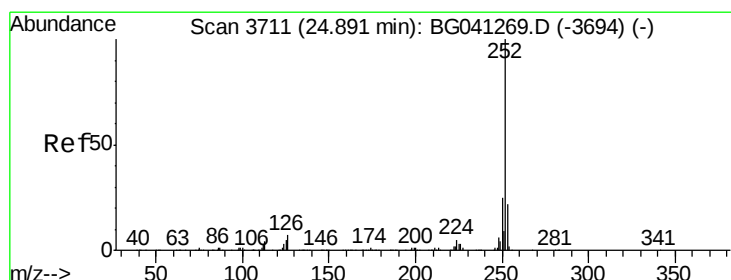
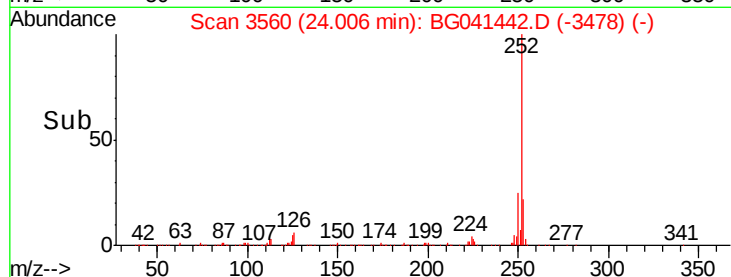
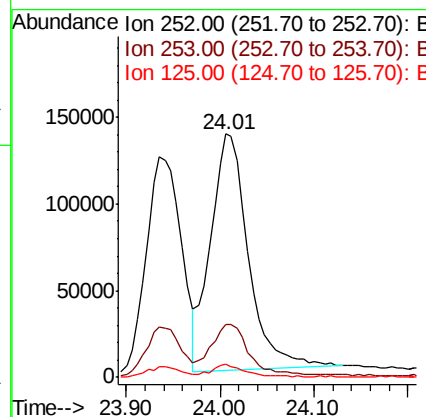
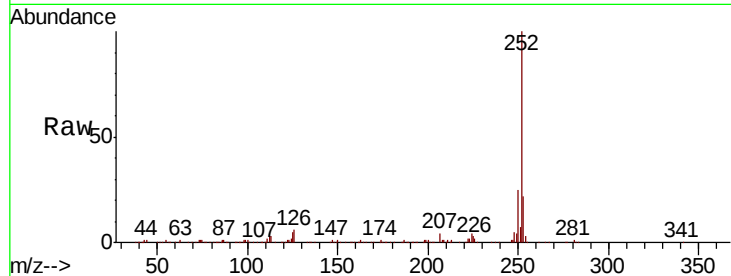
ClientSampleId :

B-2(9-10)MSD

Tot Ion:	252	Resp:	384364
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	5.4	4.3	6.5

Manual Integrations
APPROVED

mohammad
6/28/2019 8:24:41 AM



#90

Benzo(a)pyrene

Concen: 35.244 ng

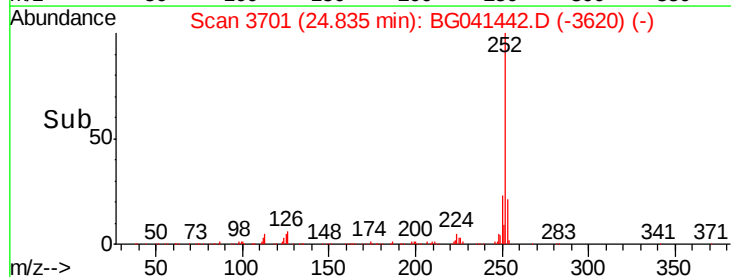
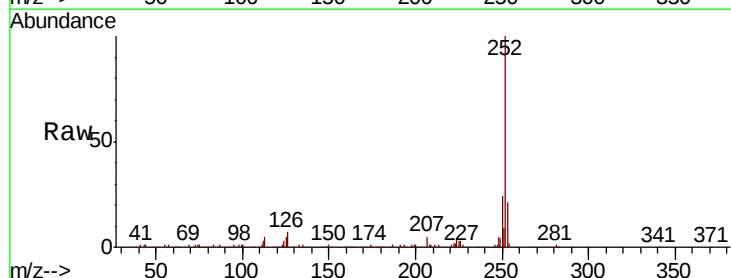
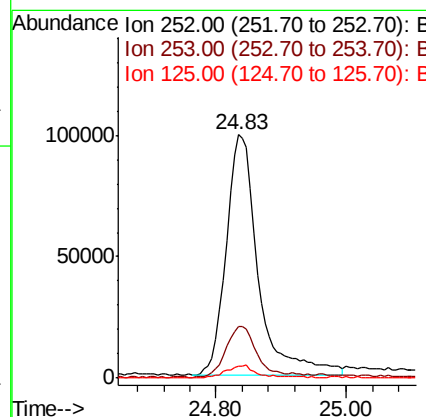
RT: 24.83 min Scan# 3701

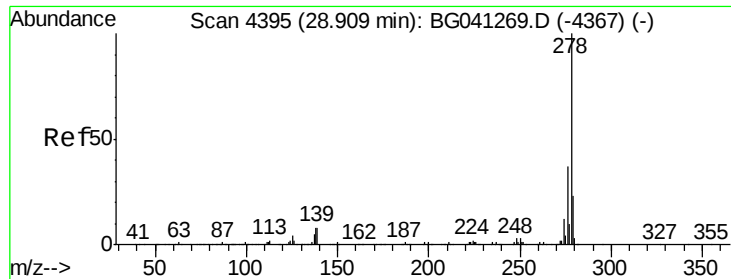
Delta R.T. -0.06 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Tgt Ion:	252	Resp:	342836
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.8	26.6
125	5.1	4.2	6.4





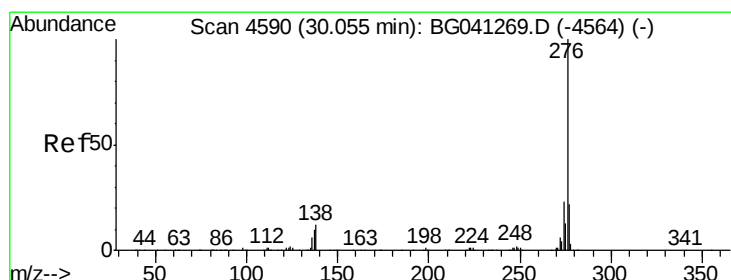
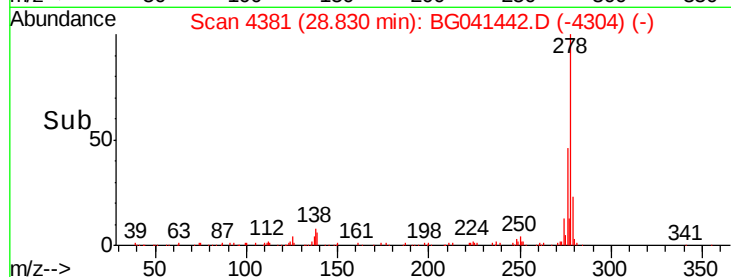
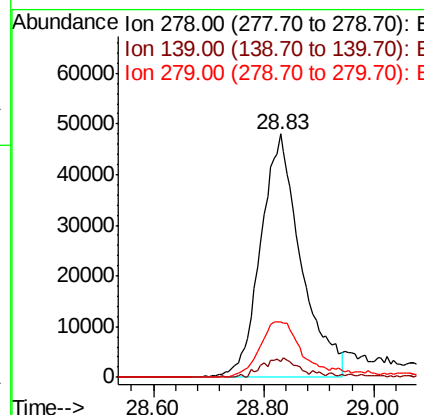
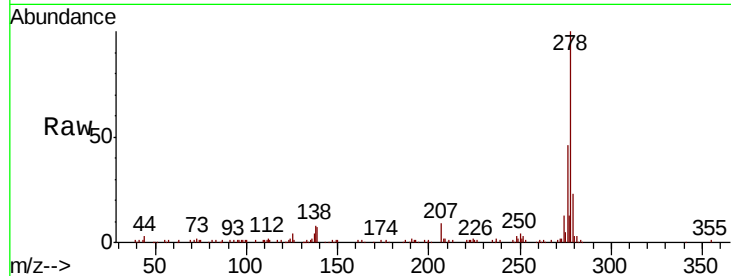
#91
Dibenzo(a,h)anthracene
Concen: 24.850 ng
RT: 28.83 min Scan# 4381
Delta R.T. -0.08 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.7	6.6	10.0
279	22.9	18.5	27.7

Manual Integrations
APPROVED

mohammad
6/28/2019 8:24:41 AM



#92
Benzo(g,h,i)perylene
Concen: 20.598 ng
RT: 29.95 min Scan# 4572
Delta R.T. -0.10 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	8.6	9.4	14.0#

