

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039858.D
 Acq On : 12 Mar 2019 3:01
 Operator : JU/SJ
 Sample : K1693-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-AMS

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:42:29 PM

Quant Time: Mar 12 09:29:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39556	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	164862	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	115491	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	297404	20.00	ng	0.00
76) Chrysene-d12	21.82	240	300594	20.00	ng	-0.01
87) Perylene-d12	25.19	264	315754	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	300380	129.55	ng	0.00
7) Phenol-d6	7.30	99	399895	115.67	ng	-0.01
23) Nitrobenzene-d5	9.33	82	280508	92.02	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	198598	147.53	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	692745	85.40	ng	-0.01
79) Terphenyl-d14	20.12	244	1195872	87.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	37867	35.375	ng	# 19
3) Pyridine	4.00	79	81037	28.278	ng	97
4) n-Nitrosodimethylamine	3.92	42	50896	37.437	ng	84
6) Aniline	7.48	93	37868	8.360	ng	99
8) 2-Chlorophenol	7.72	128	109617	38.969	ng	92
9) Benzaldehyde	7.29	77	56953	25.538	ng	96
10) Phenol	7.33	94	129532	34.585	ng	94
11) bis(2-Chloroethyl)ether	7.57	93	111697	38.251	ng	99
12) 1,3-Dichlorobenzene	8.04	146	115214	36.215	ng	98
13) 1,4-Dichlorobenzene	8.19	146	115889	35.763	ng	98
14) 1,2-Dichlorobenzene	8.51	146	111869	35.730	ng	99
15) Benzyl Alcohol	8.39	79	105757	38.563	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	216804	37.123	ng	98
17) 2-Methylphenol	8.59	107	95052	39.802	ng	98
18) Hexachloroethane	9.24	117	39791	34.222	ng	90
19) n-Nitroso-di-n-propylamine	8.96	70	89981	36.160	ng	94
20) 3+4-Methylphenols	8.92	107	130586	39.361	ng	98
22) Acetophenone	8.98	105	169192	38.237	ng	# 96
24) Nitrobenzene	9.37	77	133378	41.709	ng	100
25) Isophorone	9.88	82	261272	40.906	ng	99
26) 2-Nitrophenol	10.08	139	63464	41.104	ng	# 92
27) 2,4-Dimethylphenol	10.13	122	115916	48.272	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	154005	39.677	ng	97
29) 2,4-Dichlorophenol	10.61	162	122453	45.292	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	122705	40.333	ng	96
31) Naphthalene	11.02	128	351706	40.293	ng	100
32) Benzoic acid	10.25	122	52826	34.234	ng	99
33) 4-Chloroaniline	11.14	127	12805	3.460	ng	94
34) Hexachlorobutadiene	11.29	225	77960	37.500	ng	93
35) Caprolactam	11.92	113	33108m	32.058	ng	
36) 4-Chloro-3-methylphenol	12.24	107	136635	44.087	ng	97
37) 2-Methylnaphthalene	12.62	142	273530	41.915	ng	98
38) 1-Methylnaphthalene	12.84	142	260392	41.059	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	151895	38.823	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	173785	82.883	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	106194	46.360	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	113482	43.952	ng	98
46) 1,1'-Biphenyl	13.62	154	375640	39.545	ng	99
47) 2-Chloronaphthalene	13.66	162	288128	40.320	ng	100
48) 2-Nitroaniline	13.87	65	103895	45.241	ng	95
49) Acenaphthylene	14.51	152	477795	40.730	ng	99
50) Dimethylphthalate	14.23	163	408191	42.268	ng	100
51) 2,6-Dinitrotoluene	14.36	165	92964	45.408	ng	95
52) Acenaphthene	14.84	154	292416	41.416	ng	95
53) 3-Nitroaniline	14.69	138	14667	7.127	ng	# 87
54) 2,4-Dinitrophenol	14.90	184	77853	61.594	ng	99
55) Dibenzofuran	15.18	168	484143	41.794	ng	98
56) 4-Nitrophenol	14.98	139	135019	73.341	ng	95
57) 2,4-Dinitrotoluene	15.14	165	130825	45.478	ng	89
58) Fluorene	15.82	166	388670	42.680	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.40	232	118603	47.035	ng	97
60) Diethylphthalate	15.58	149	421053	44.043	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	202198	41.608	ng	95
62) 4-Nitroaniline	15.85	138	90338	40.491	ng	95
63) Azobenzene	16.10	77	367889	42.453	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	66974	38.087	ng	95
66) n-Nitrosodiphenylamine	16.03	169	360848	41.911	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	136457	40.991	ng	96
68) Hexachlorobenzene	16.82	284	139949	40.557	ng	97
69) Atrazine	16.96	200	145520	42.945	ng	95
70) Pentachlorophenol	17.16	266	167239	76.740	ng	97
71) Phenanthrene	17.57	178	680033	41.513	ng	99
72) Anthracene	17.66	178	686711	43.018	ng	99
73) Carbazole	17.93	167	606234	42.125	ng	99
74) Di-n-butylphthalate	18.46	149	736287	43.484	ng	99
75) Fluoranthene	19.57	202	813485	42.019	ng	98
77) Benzidine	19.75	184	24271	2.544	ng	# 92
78) Pyrene	19.93	202	818961	41.928	ng	99
80) Butylbenzylphthalate	20.79	149	340233	44.960	ng	96
81) Benzo(a)anthracene	21.79	228	779577	41.381	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	66686	9.695	ng	99
83) Chrysene	21.86	228	749843	41.056	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	478094	44.958	ng	99
85) Di-n-octyl phthalate	22.91	149	809613	45.980	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	877666	42.359	ng	97
88) Benzo(b)fluoranthene	24.11	252	793242	42.129	ng	99
89) Benzo(k)fluoranthene	24.18	252	755047	43.079	ng	98
90) Benzo(a)pyrene	25.02	252	755088	43.398	ng	98
91) Dibenzo(a,h)anthracene	29.14	278	714118	41.866	ng	99
92) Benzo(g,h,i)perylene	30.28	276	720574	42.062	ng	98

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

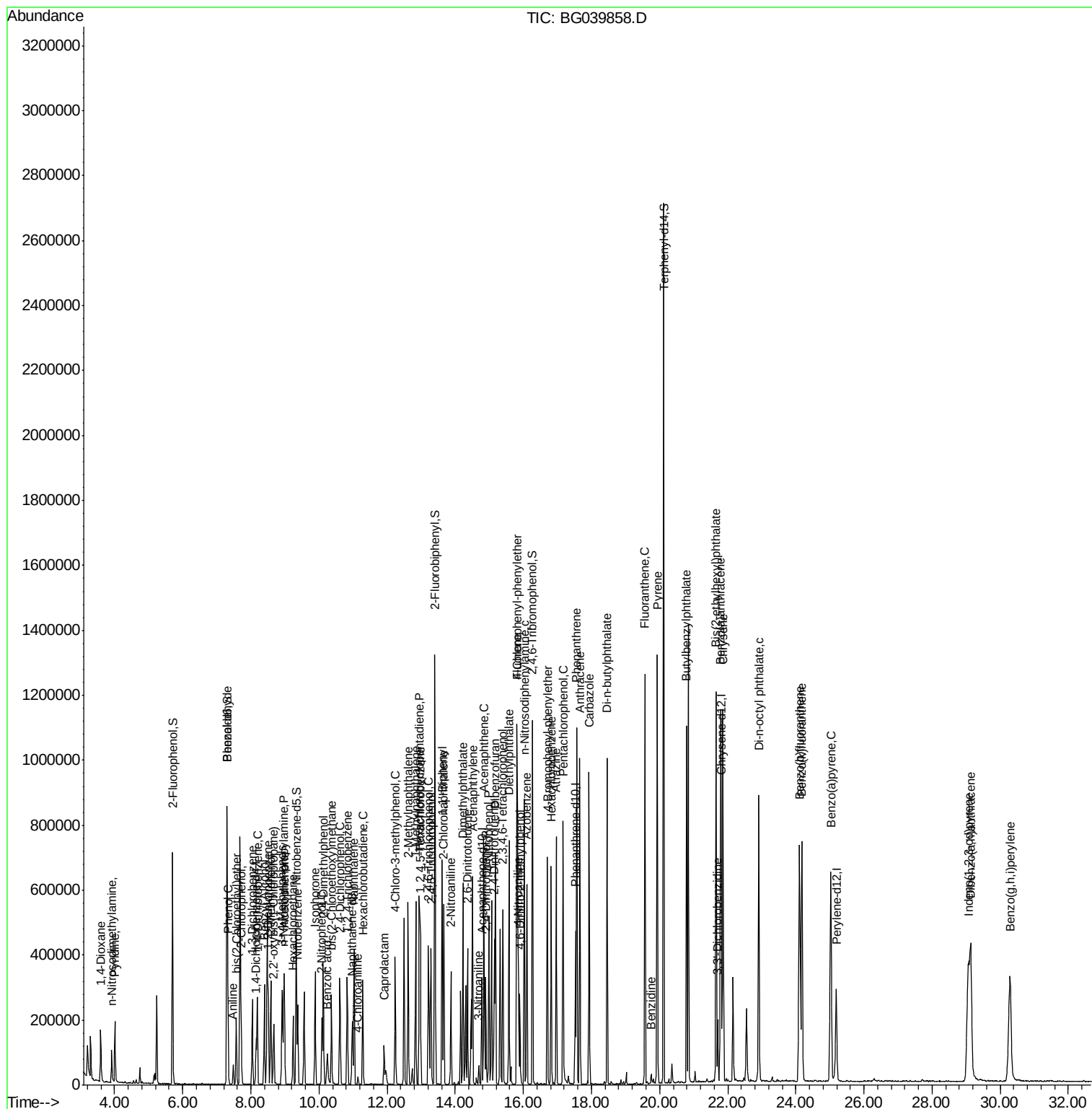
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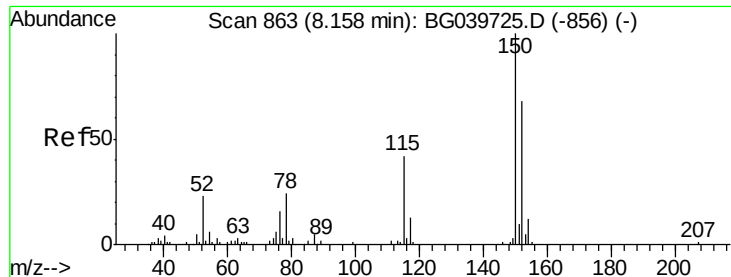
Instrument :
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#1

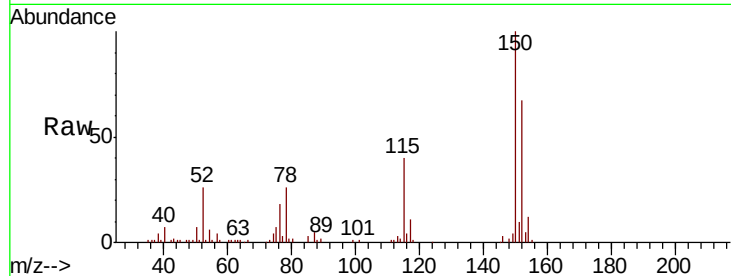
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.7	185.5
115	59.8	45.9	68.9

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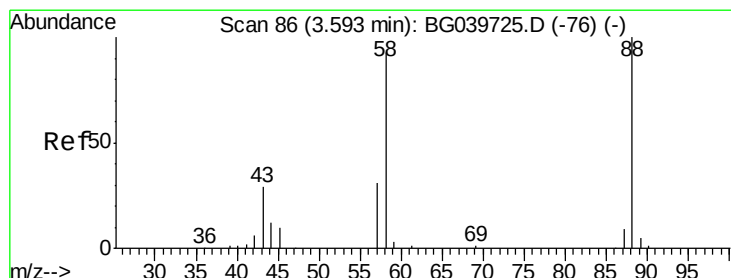
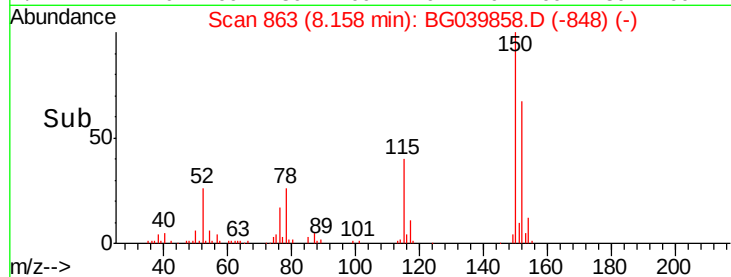
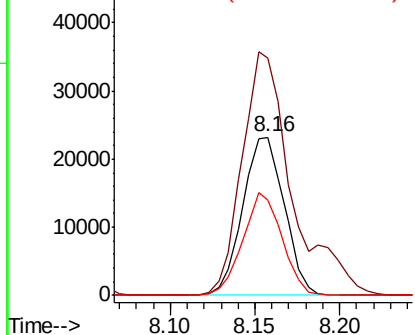


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

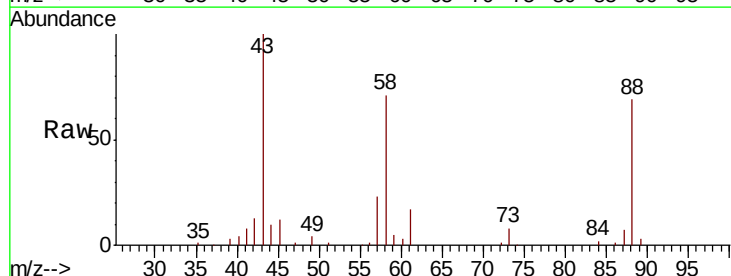
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.375 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.9	81.1	121.7
43	211.6	31.4	47.0

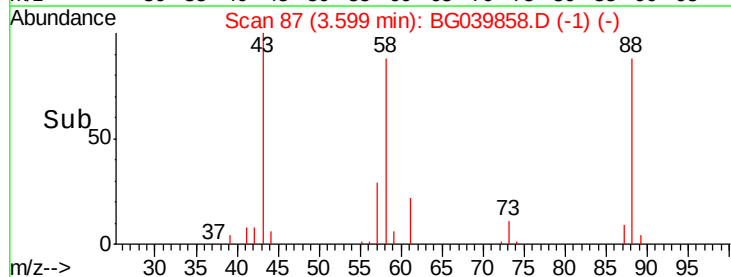
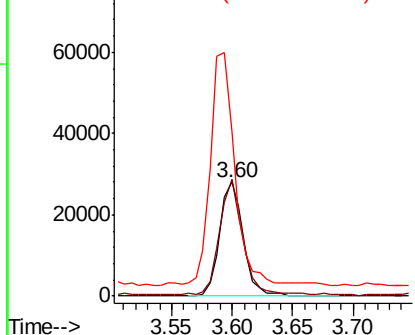


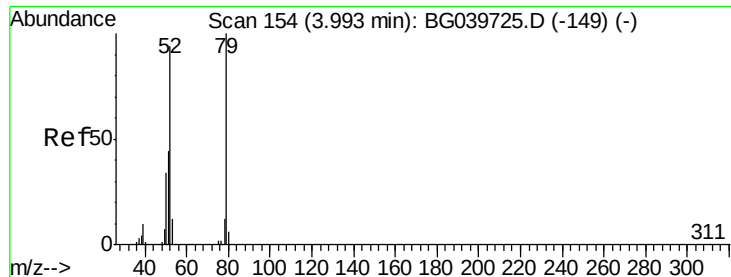
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.278 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.00 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

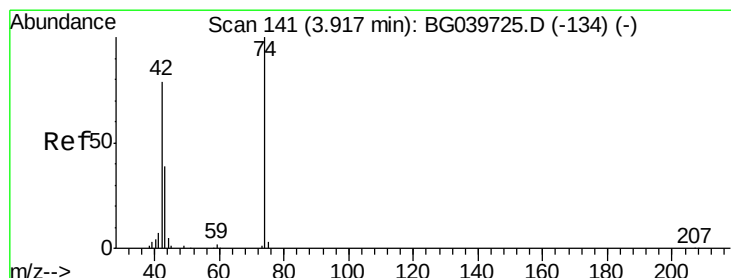
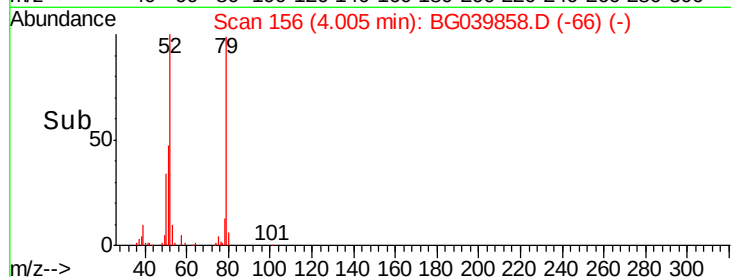
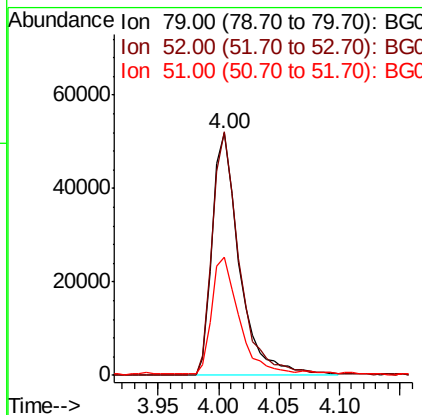
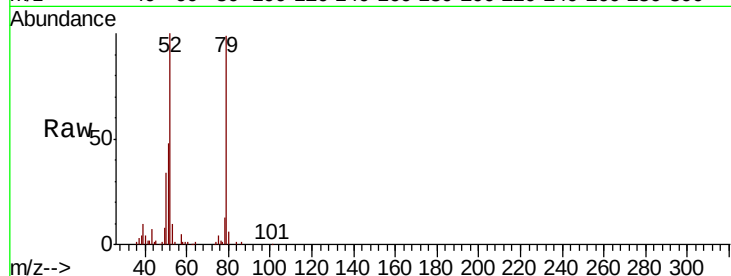
ClientSampleId :

OR-01-030719-AMS

Tot Ion:	79	Resp:	81037
Ion Ratio	Lower	Upper	
79	100		
52	100.7	82.6	124.0
51	48.7	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 37.437 ng

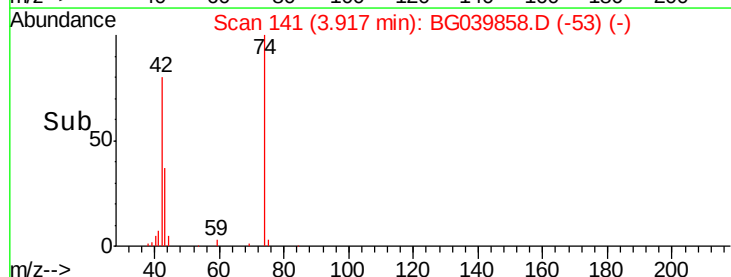
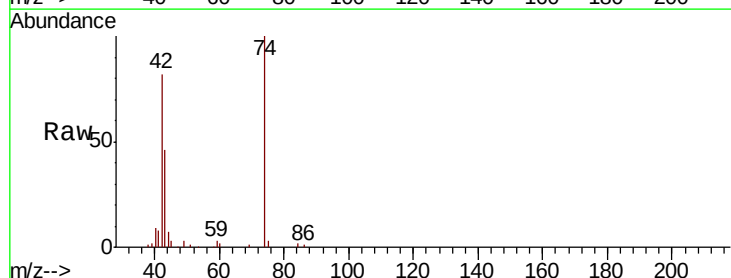
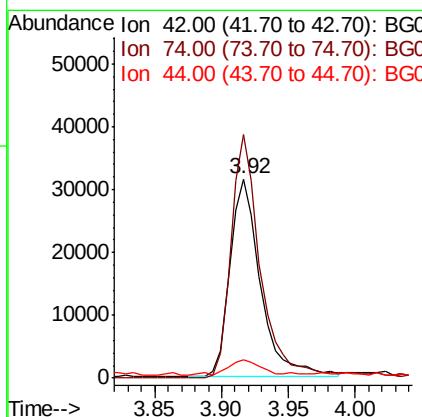
RT: 3.92 min Scan# 141

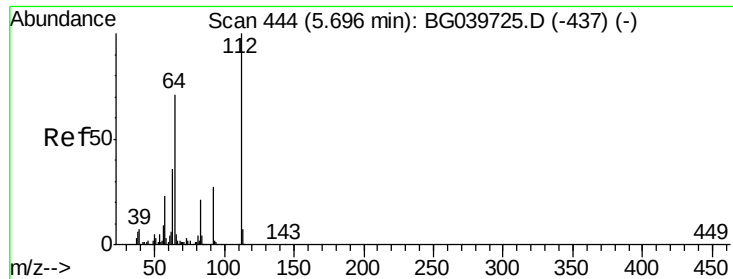
Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion:	42	Resp:	50896
Ion Ratio	Lower	Upper	
42	100		
74	122.1	83.6	125.4
44	9.0	6.9	10.3





#5

2-Fluorophenol

Concen: 129.551 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

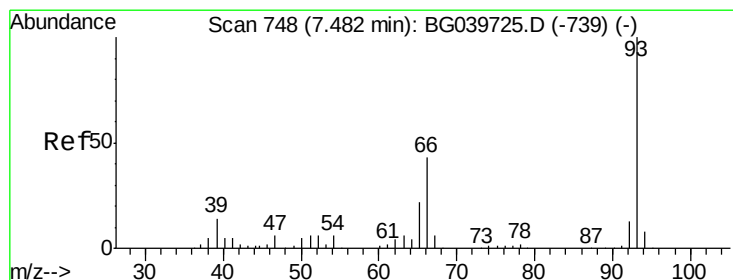
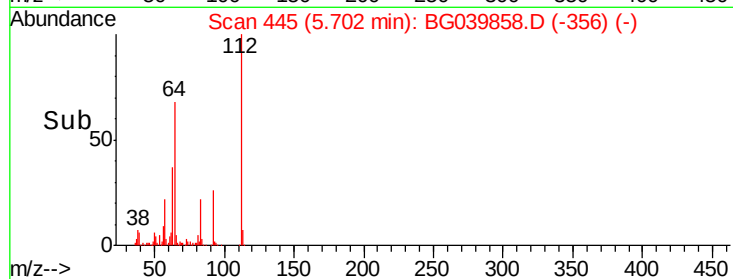
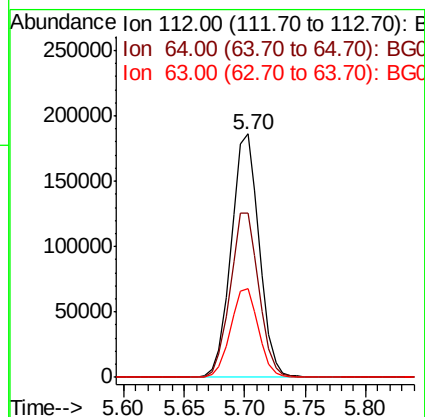
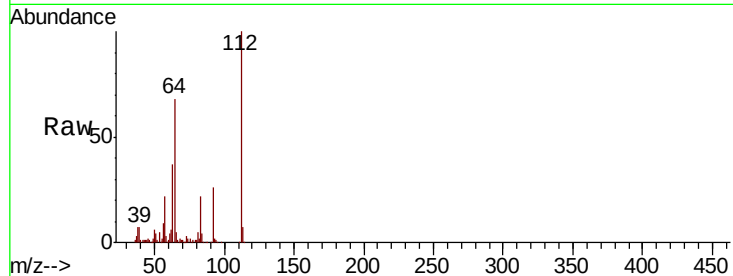
ClientSampleId :

OR-01-030719-AMS

Tot Ion:	112	Resp:	300380
Ion Ratio	Lower	Upper	
112	100		
64	67.5	57.8	86.8
63	36.6	29.8	44.6

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#6

Aniline

Concen: 8.360 ng

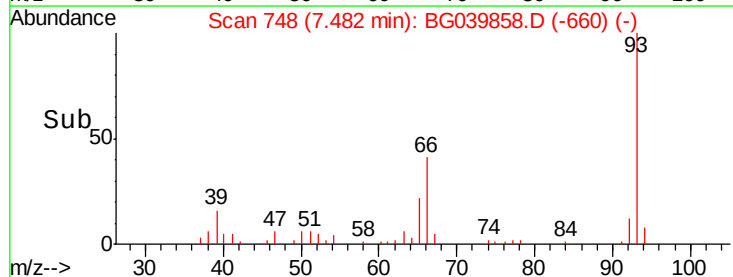
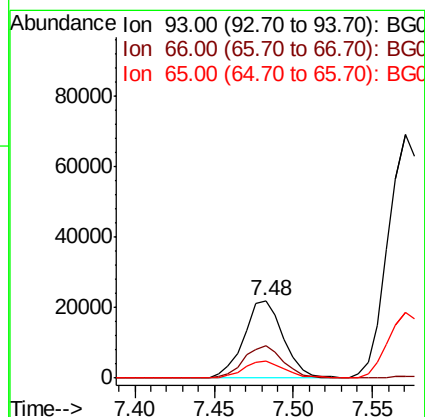
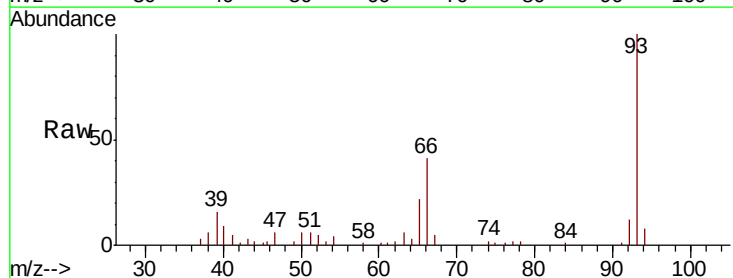
RT: 7.48 min Scan# 748

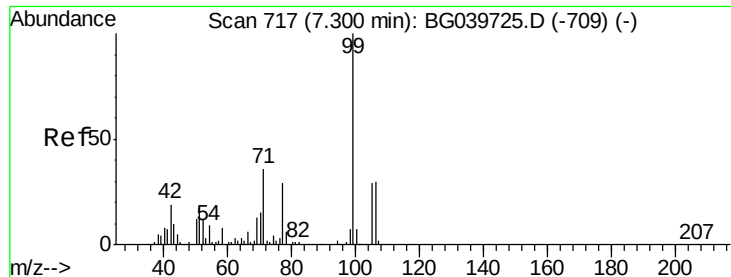
Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion:	93	Resp:	37868
Ion Ratio	Lower	Upper	
93	100		
66	41.4	34.2	51.4
65	22.1	17.7	26.5





#7

Phenol-d6

Concen: 115.670 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

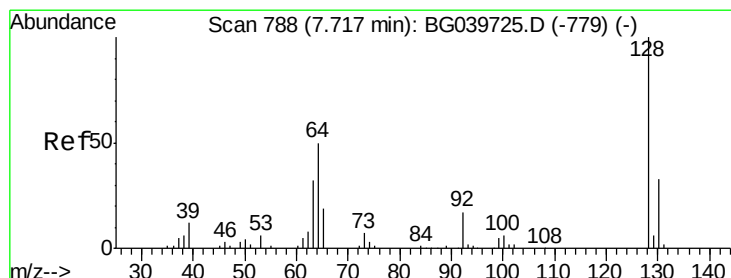
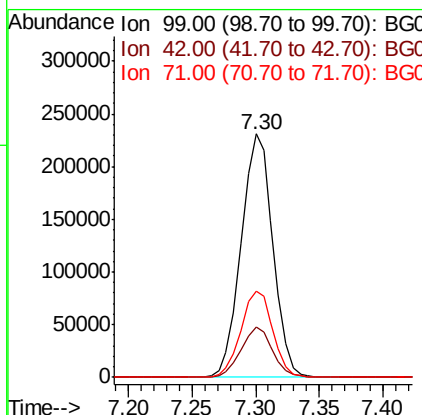
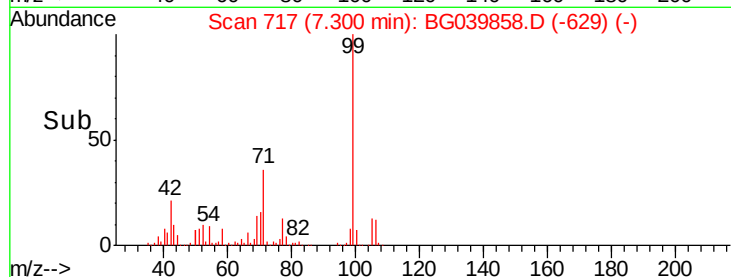
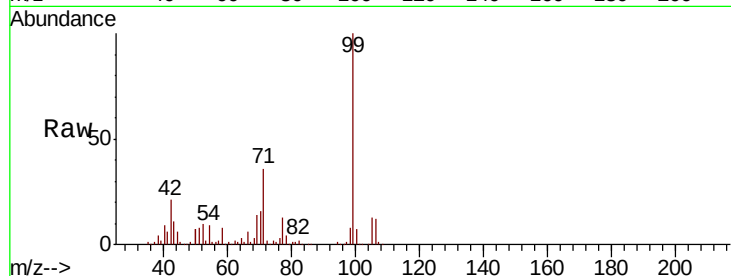
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Tot Ion:	99	Resp:	399895
Ion Ratio	Lower	Upper	
99	100		
42	20.6	18.2	27.2
71	35.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 38.969 ng

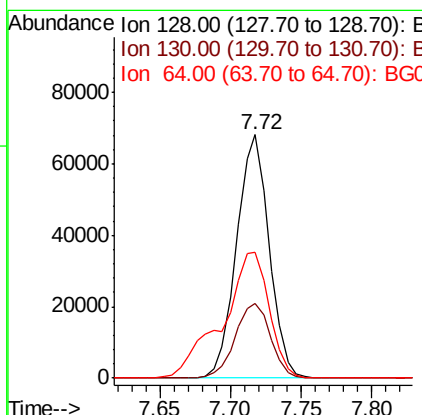
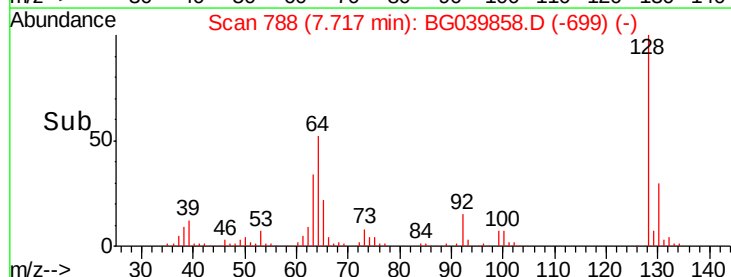
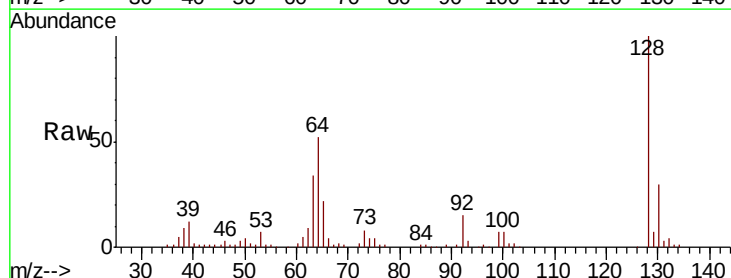
RT: 7.72 min Scan# 788

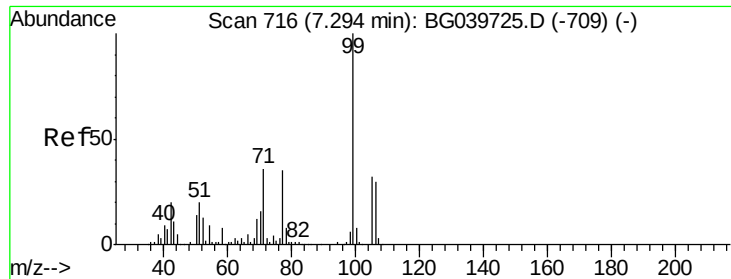
Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion:	128	Resp:	109617
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.9	52.9
64	51.5	38.7	78.7





#9

Benzaldehyde

Concen: 25.538 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

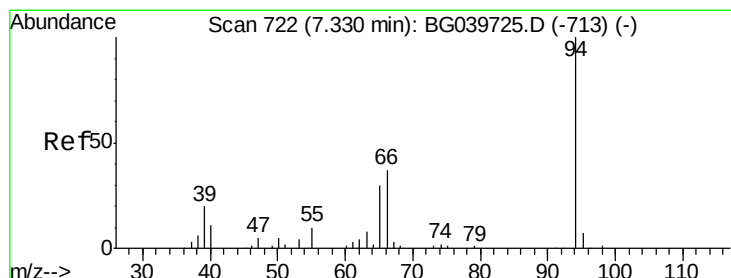
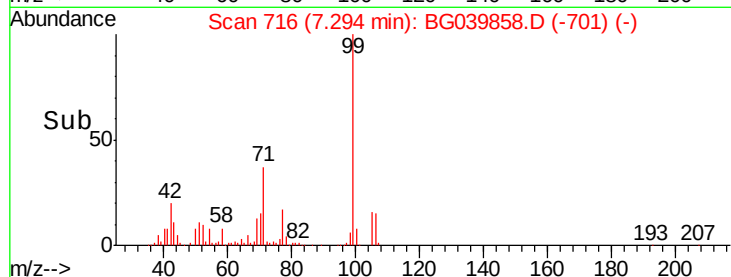
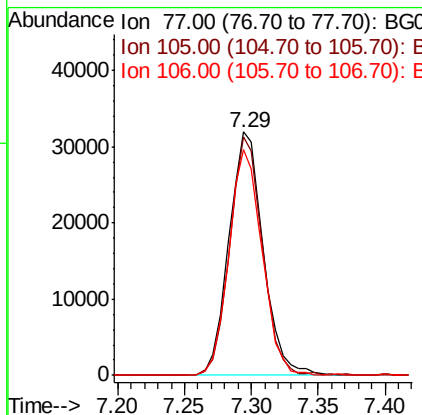
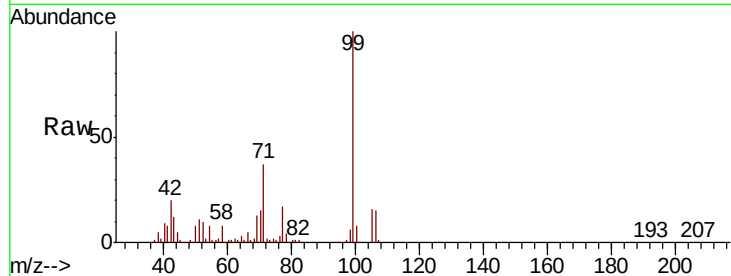
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Tot Ion	Ratio	Lower	Upper
77	100		
105	97.8	74.5	114.5
106	92.7	68.0	108.0

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#10

Phenol

Concen: 34.585 ng

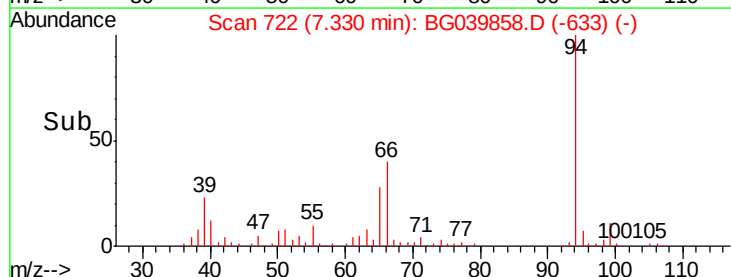
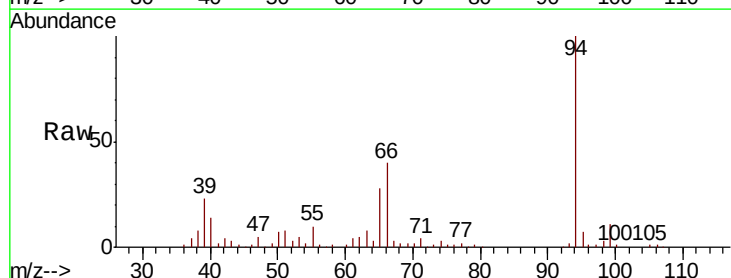
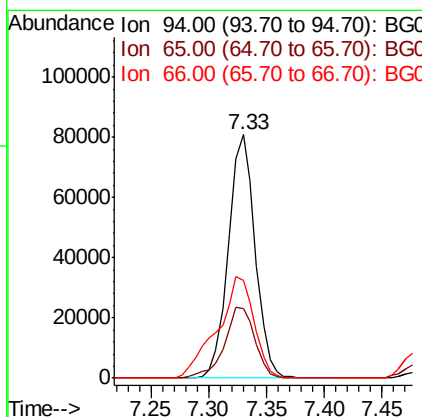
RT: 7.33 min Scan# 722

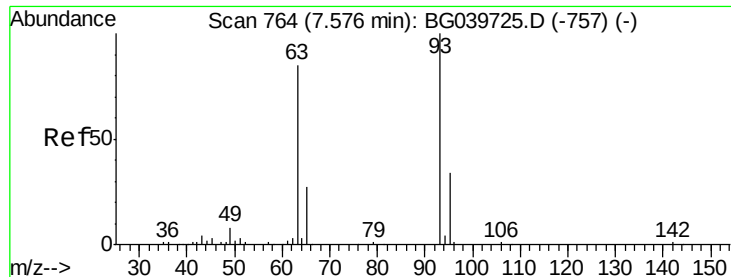
Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.7	51.7
66	40.3	23.7	63.7





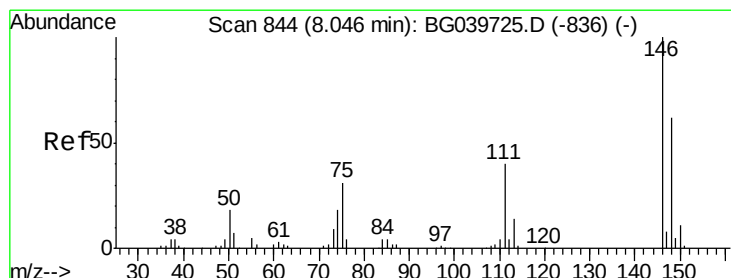
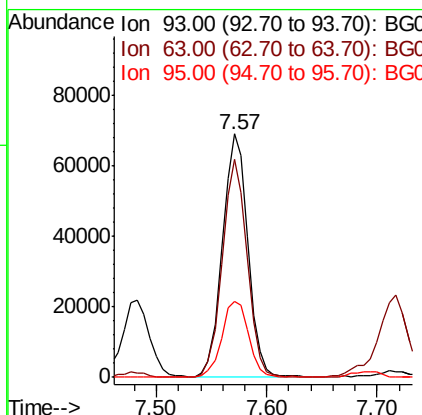
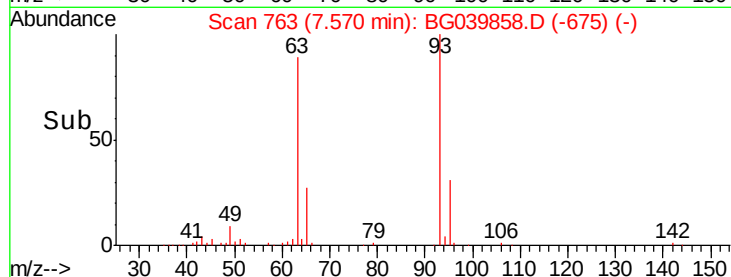
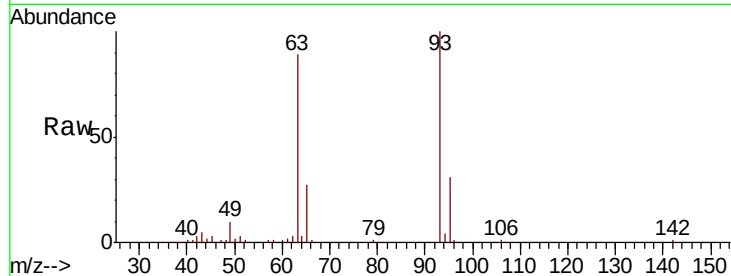
#11
bis(2-Chloroethyl)ether
Concen: 38.251 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	69.5	109.5
95	31.0	12.7	52.7

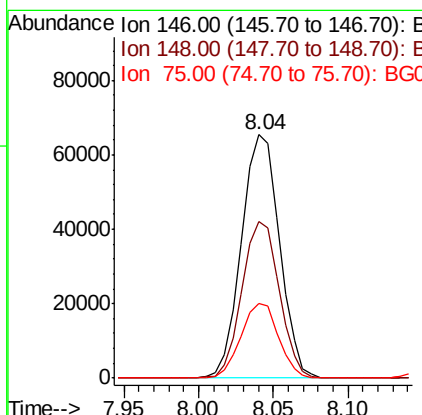
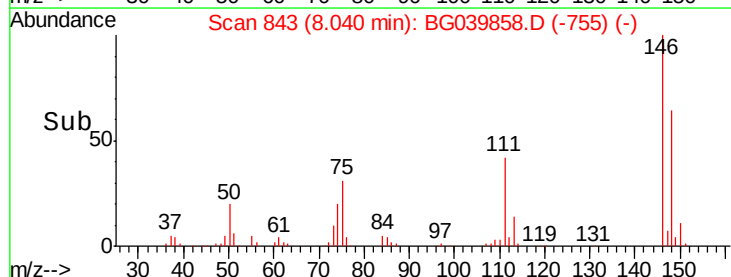
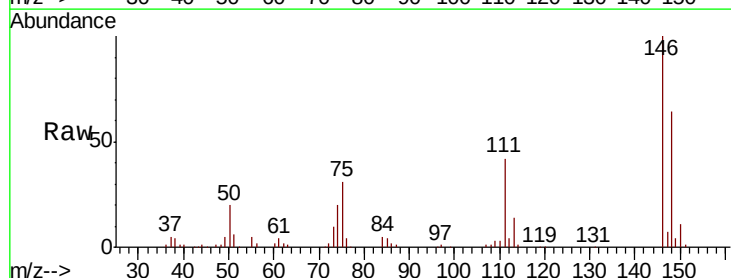
Manual Integrations
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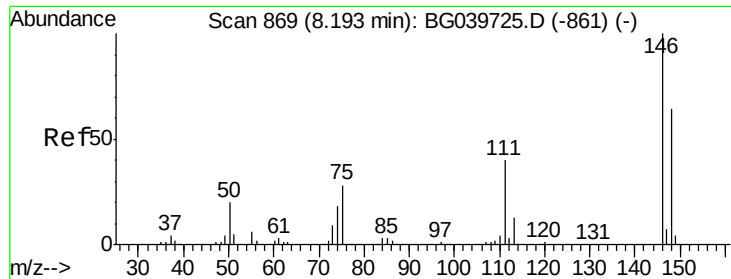
Sohil
3/12/2019 4:42:29 PM



#12
1,3-Dichlorobenzene
Concen: 36.215 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	79.0
75	30.6	25.8	38.6





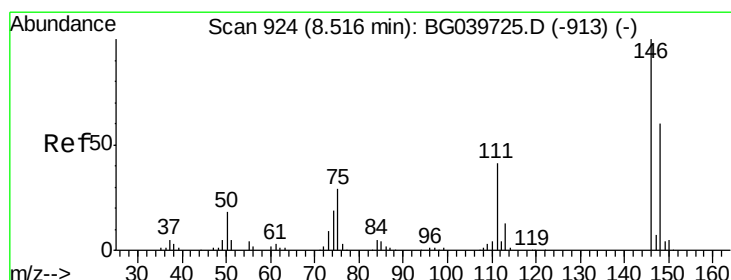
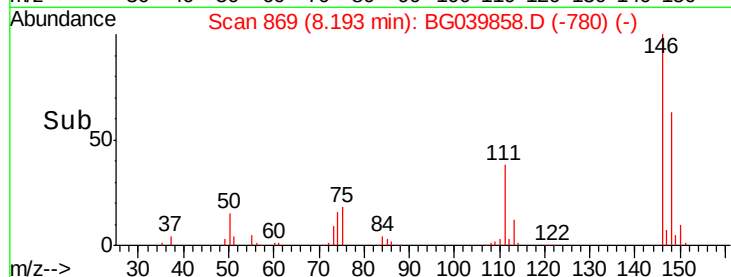
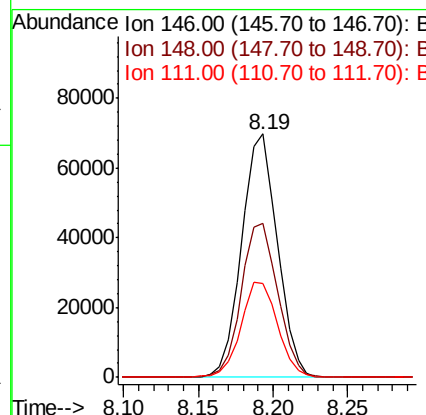
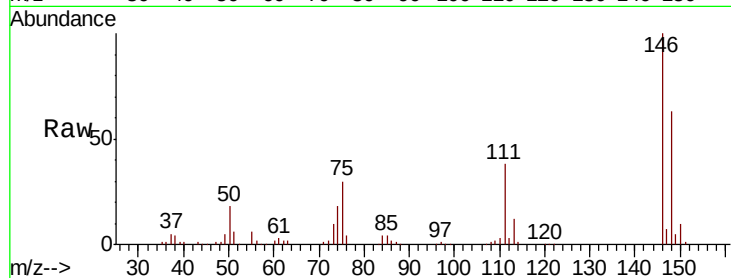
#13
 1,4-Dichlorobenzene
 Concen: 35.763 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	38.4	32.6	48.8

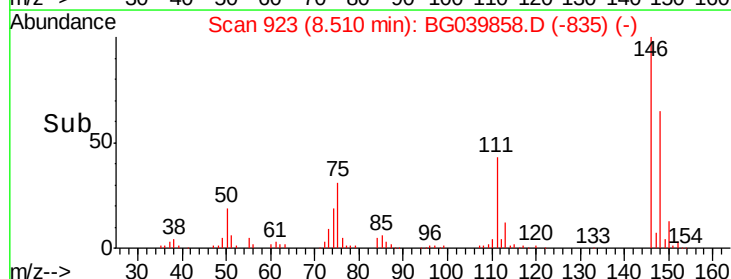
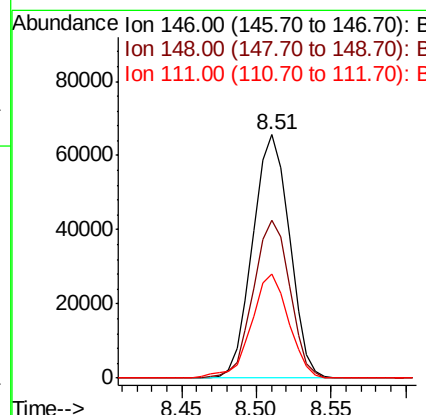
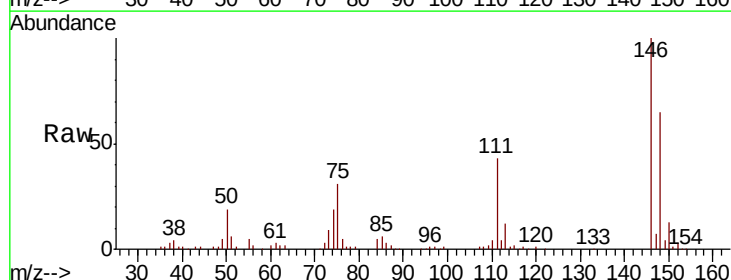
Manual Integrations
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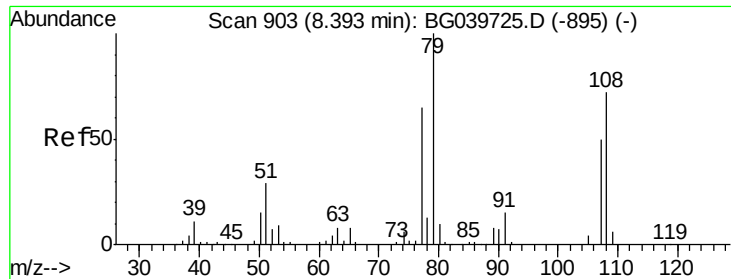
Sohil
 3/12/2019 4:42:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.730 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.5	77.3
111	42.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.563 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

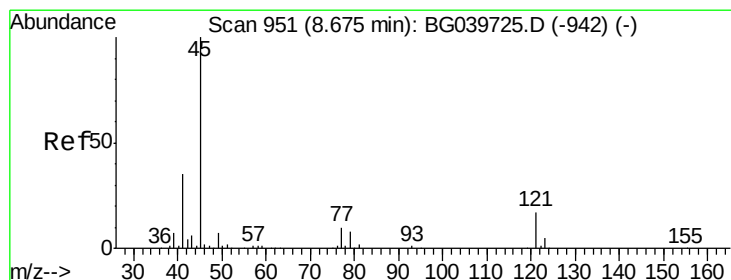
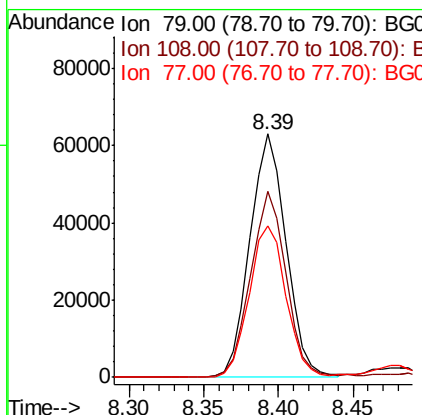
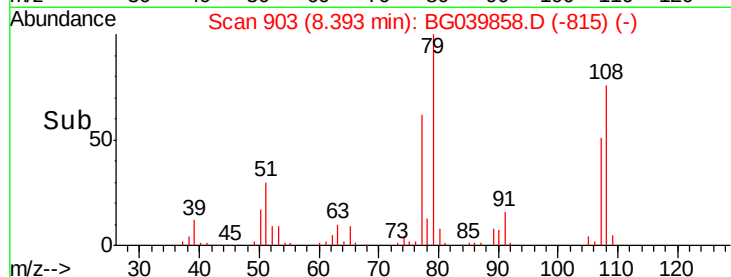
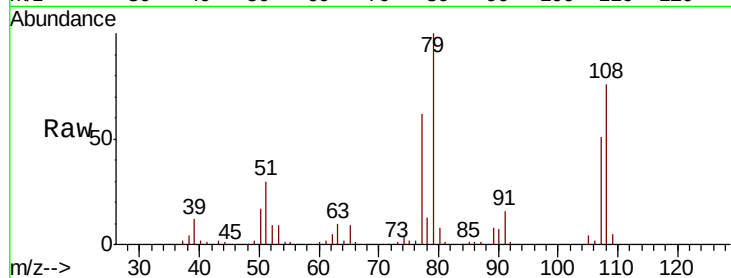
ClientSampleId :

OR-01-030719-AMS

Tot Ion:	79	Resp:	105757
Ion Ratio	Lower	Upper	
79	100		
108	76.5	57.8	86.6
77	62.3	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.123 ng

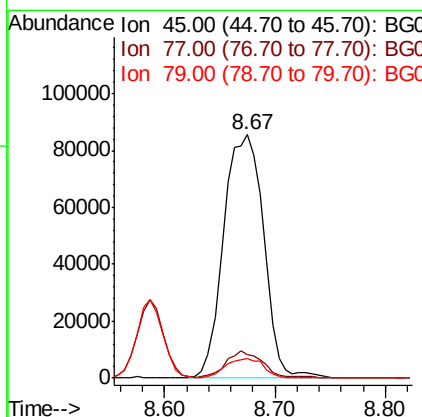
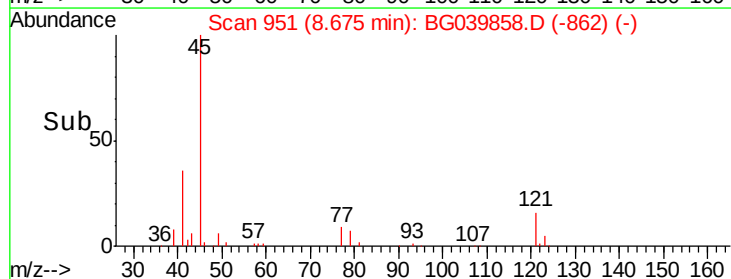
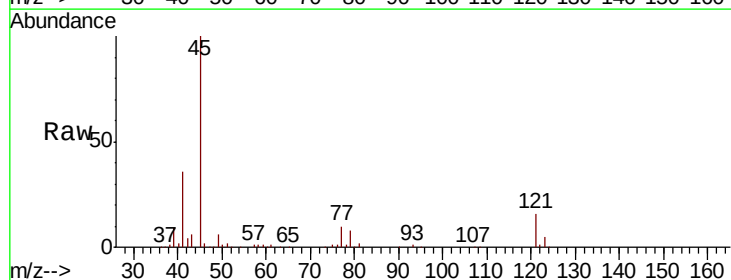
RT: 8.67 min Scan# 951

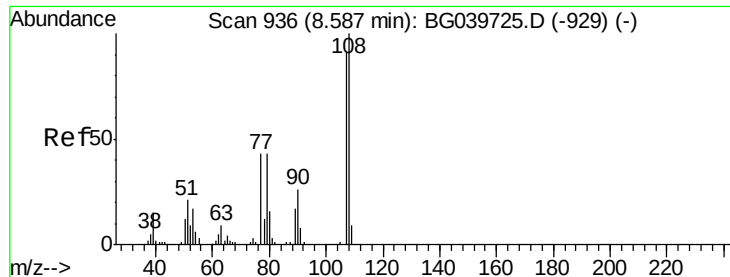
Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion:	45	Resp:	216804
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	30.0
79	8.3	0.0	27.5





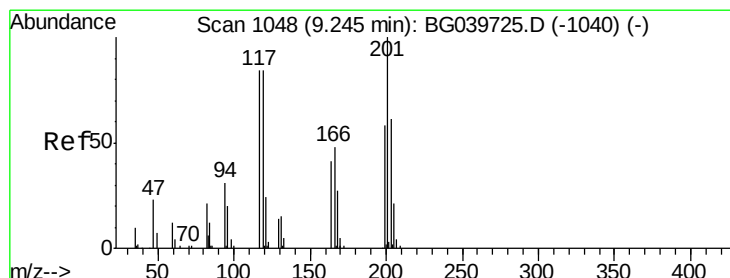
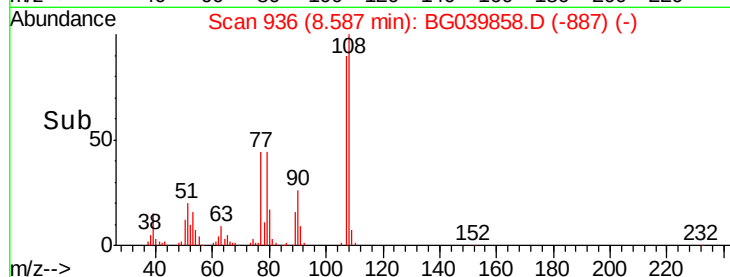
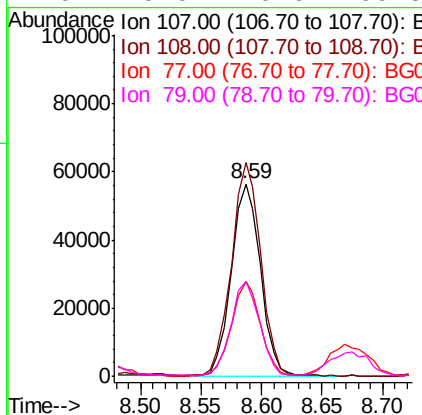
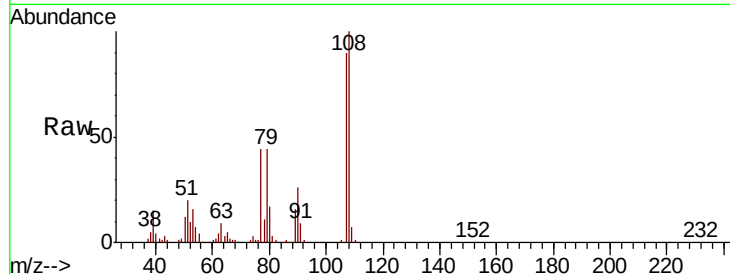
#17
2-Methylphenol
Concen: 39.802 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion:	107	Resp:	95052
Ion Ratio	Lower	Upper	
107	100		
108	111.1	90.8	136.2
77	49.2	40.7	61.1
79	49.0	40.6	60.8

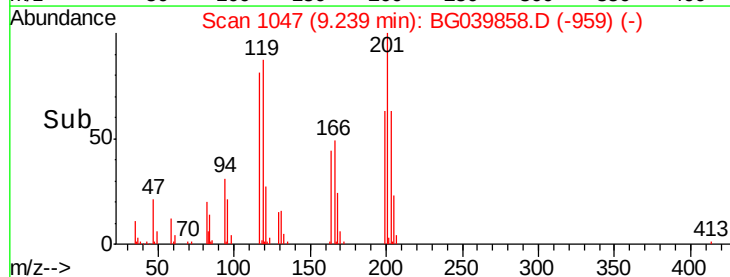
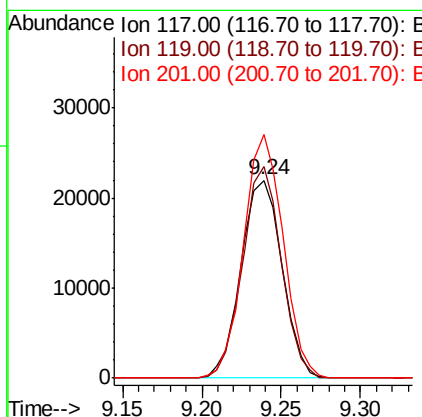
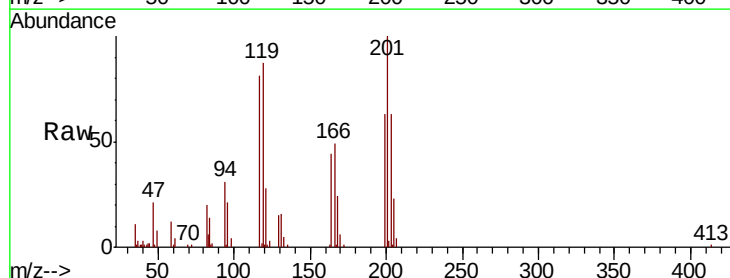
Manual Integrations
APPROVED

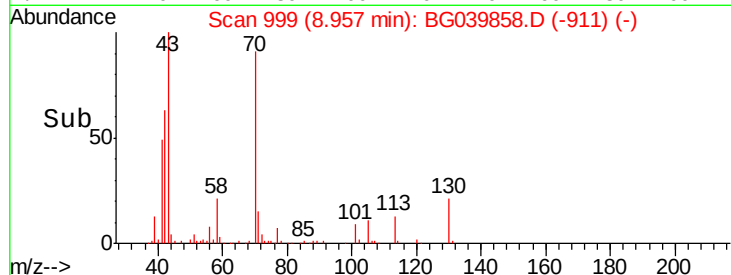
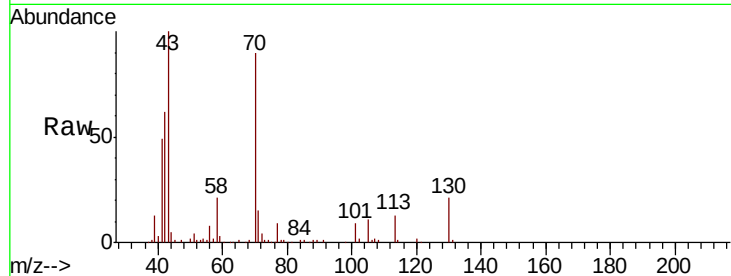
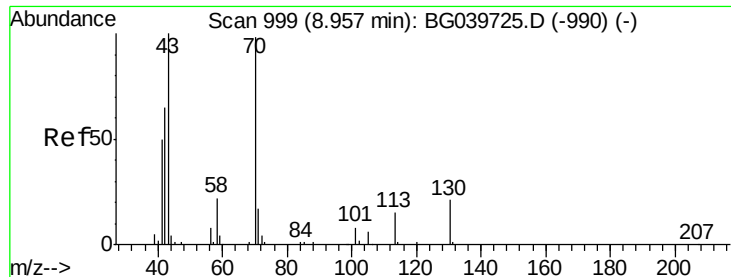
Sohil
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#18
Hexachloroethane
Concen: 34.222 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion:	117	Resp:	39791
Ion Ratio	Lower	Upper	
117	100		
119	107.2	76.3	114.5
201	123.0	91.1	136.7





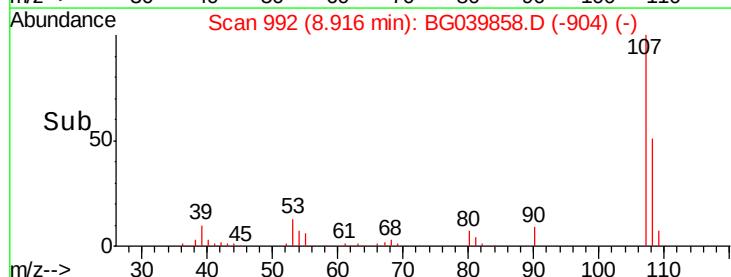
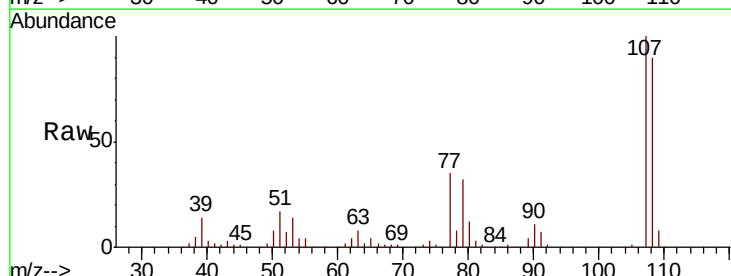
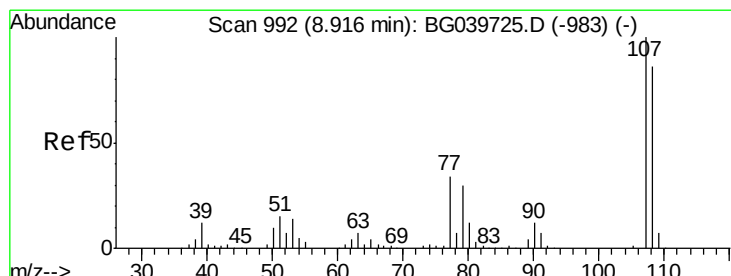
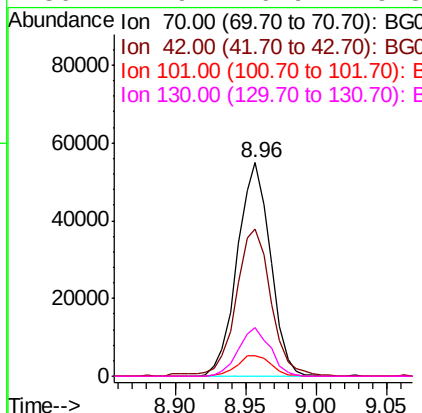
#19
n-Nitroso-di-n-propylamine
Concen: 36.160 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.2	60.4	90.6	
101	9.7	7.5	11.3	
130	22.9	16.9	25.3	

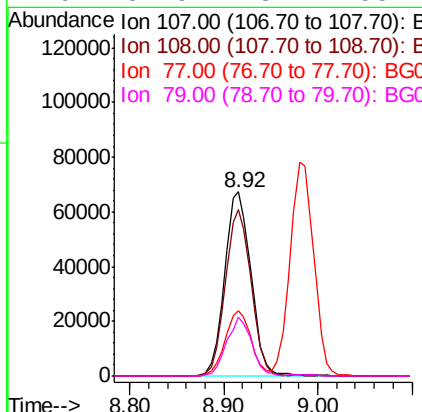
Manual Integrations
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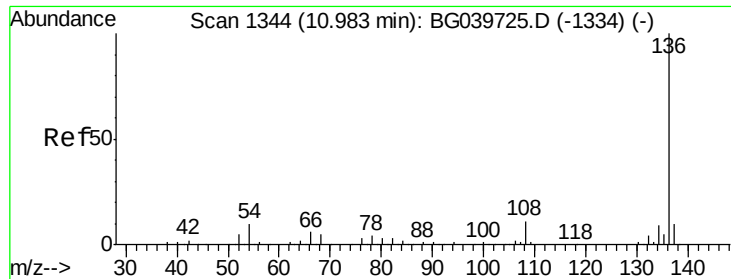
Sohil
3/12/2019 4:42:29 PM



#20
3+4-Methylphenols
Concen: 39.361 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	67.9	107.9	
77	35.2	15.4	55.4	
79	31.9	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

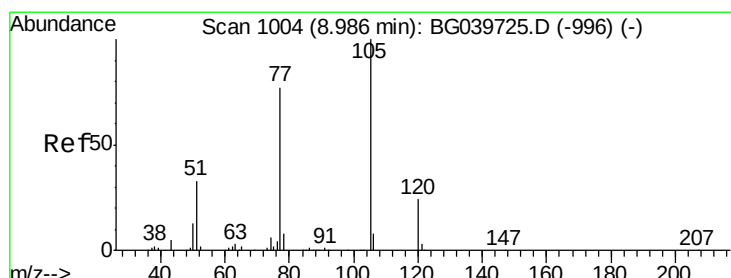
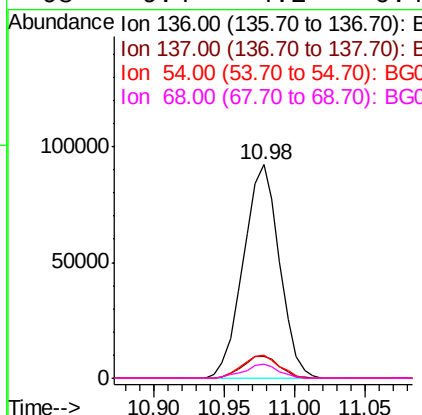
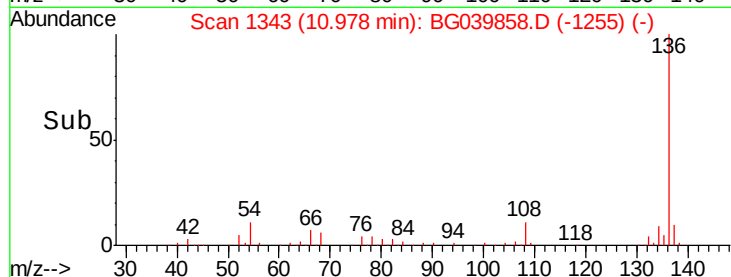
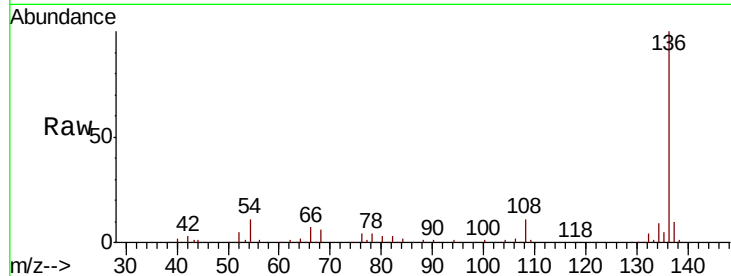
ClientSampleId :

OR-01-030719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	164862		
137	10.1	9.1	13.7	
54	10.6	9.4	14.2	
68	6.4	4.2	6.4	

Manual Integrations
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Sohil
3/12/2019 4:42:29 PM



#22

Acetophenone

Concen: 38.237 ng

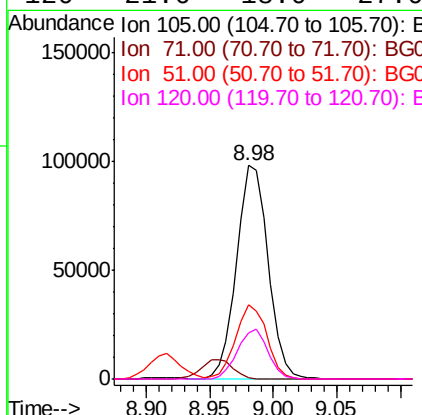
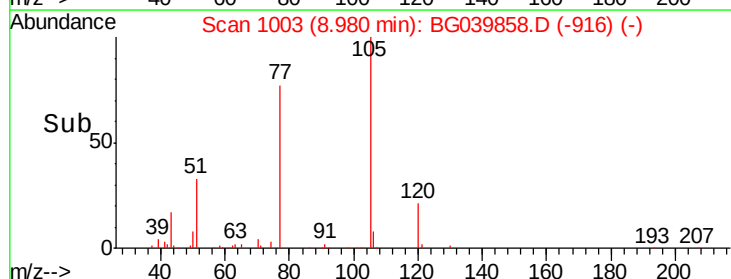
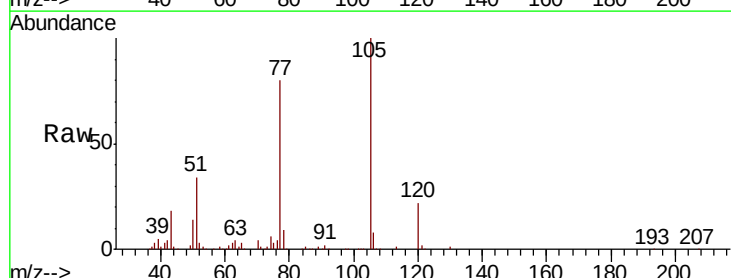
RT: 8.98 min Scan# 1003

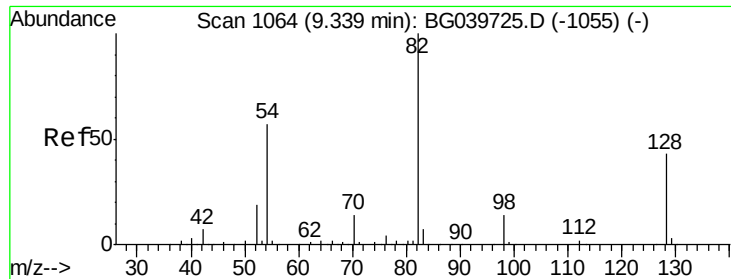
Delta R.T. -0.02 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	169192		
71	0.7	0.8	1.2	
51	34.5	30.2	45.2	
120	21.6	18.0	27.0	





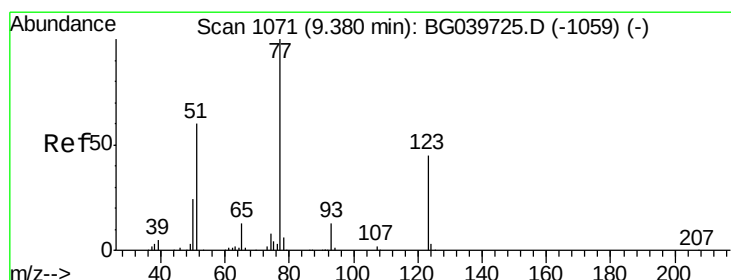
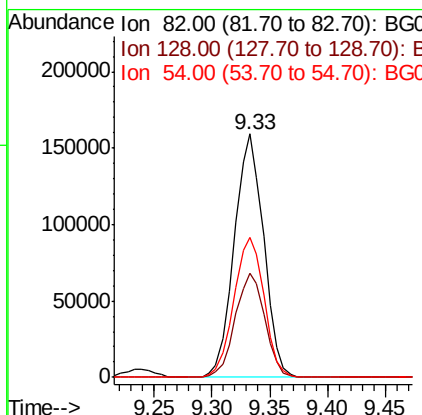
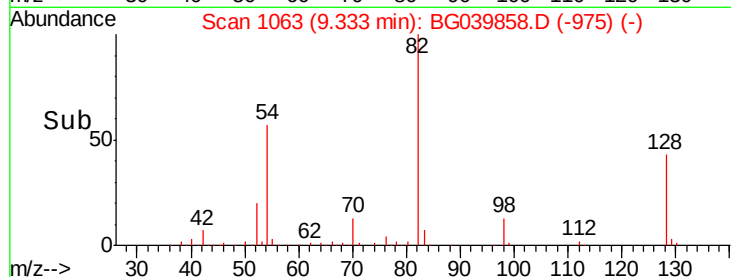
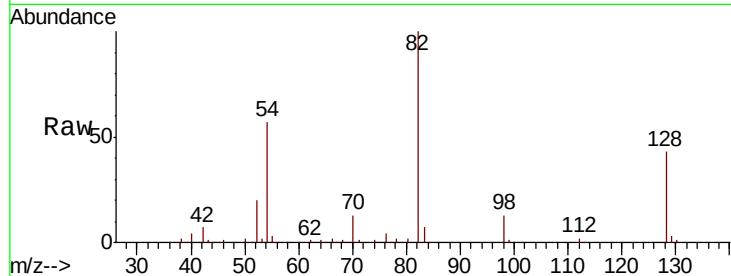
#23
Nitrobenzene-d5
Concen: 92.022 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	280508		
128	43.0		31.3	46.9
54	57.4		50.9	76.3

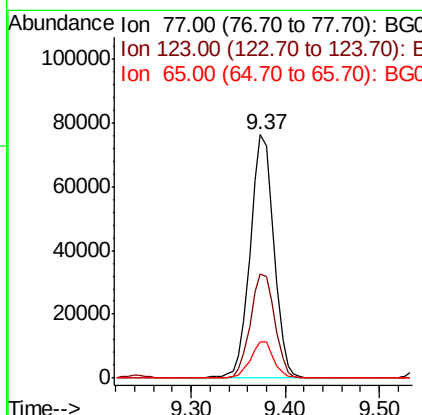
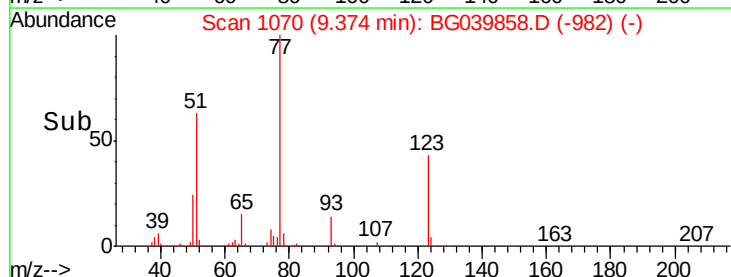
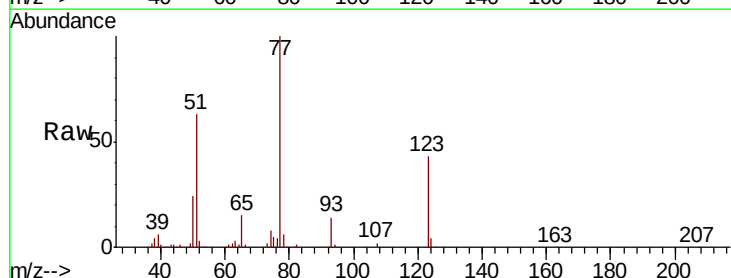
Manual Integrations
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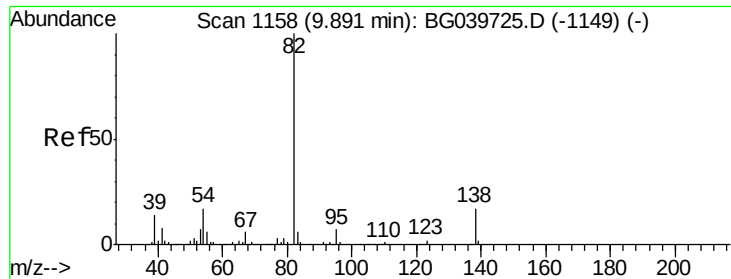
Sohil
3/12/2019 4:42:29 PM



#24
Nitrobenzene
Concen: 41.709 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	133378		
123	42.5		34.1	51.1
65	14.9		12.3	18.5





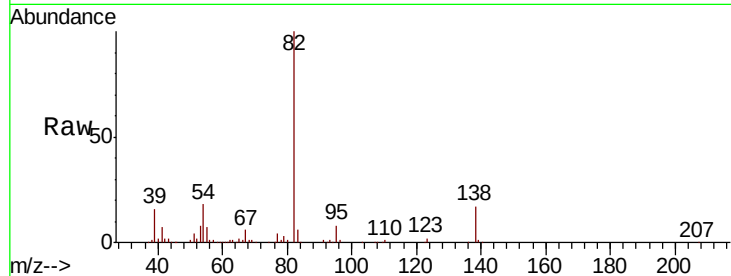
#25
Isophorone
Concen: 40.906 ng
RT: 9.88 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	261272		
95	8.1		6.2	9.2
138	16.7		13.0	19.4

Manual Integrations
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3/12/2019 4:42:29 PM

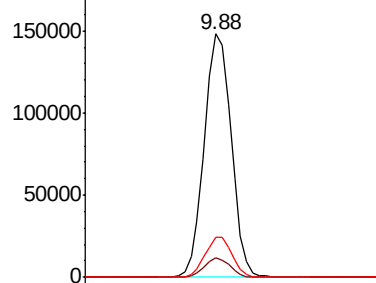


Abundance

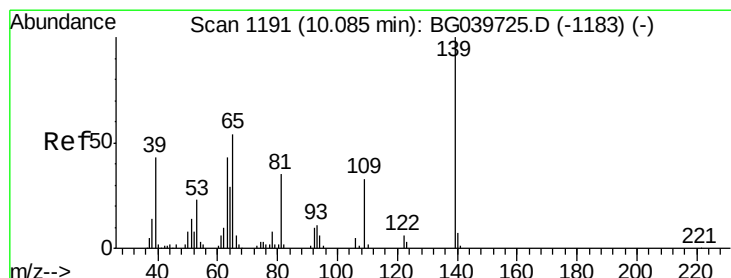
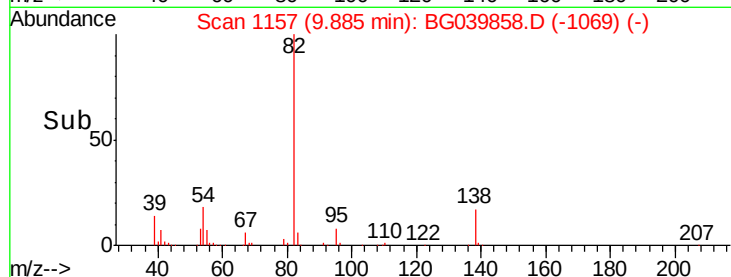
Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

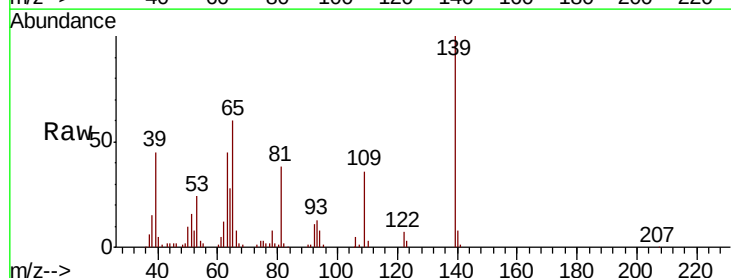


Time-->



#26
2-Nitrophenol
Concen: 41.104 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	63464		
109	35.7		23.4	35.0#
65	60.0		44.3	66.5

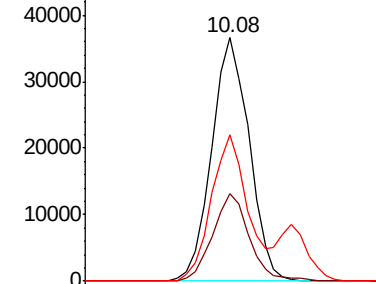


Abundance

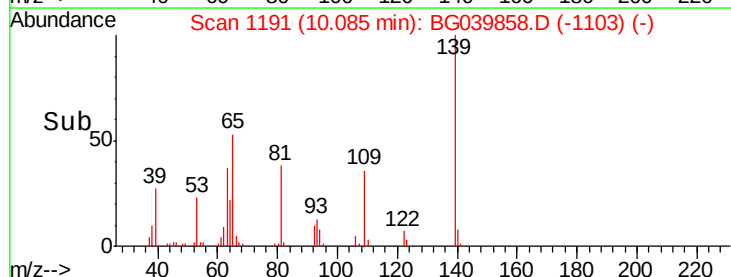
Ion 139.00 (138.70 to 139.70): BGC

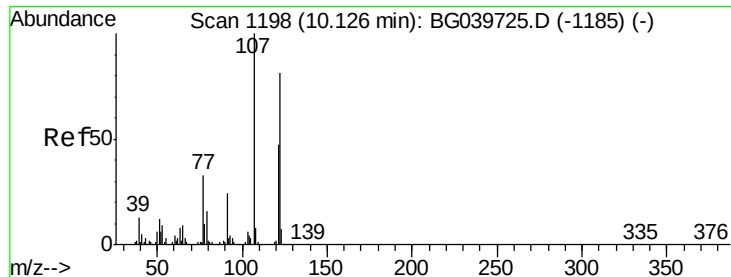
Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->





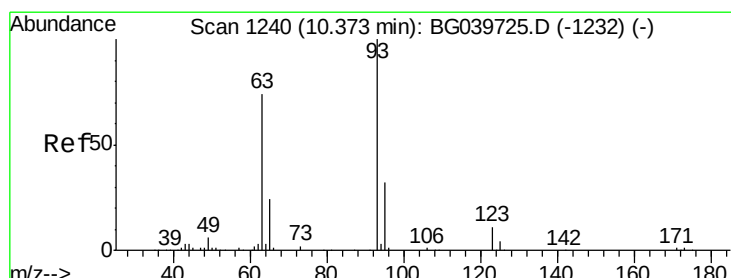
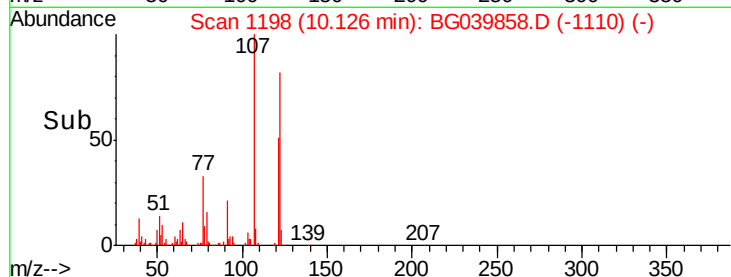
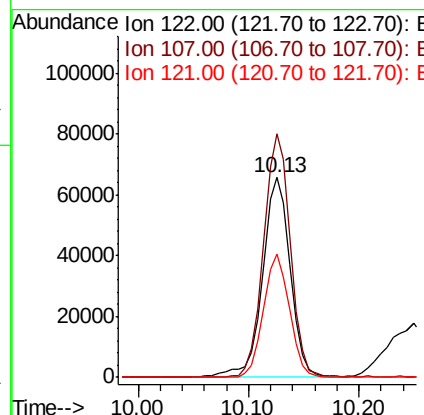
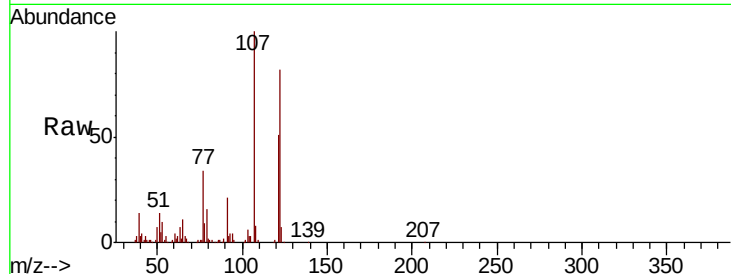
#27
2,4-Dimethylphenol
Concen: 48.272 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	115916		
107	122.0	91.7	137.5	
121	61.6	46.4	69.6	

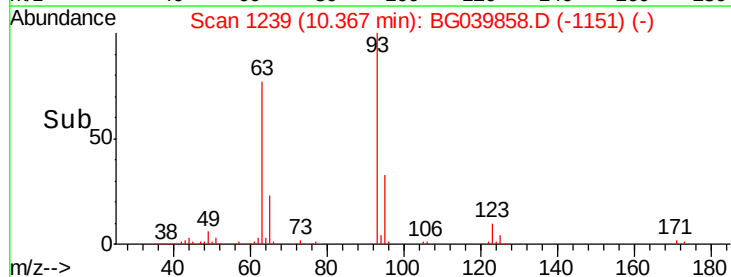
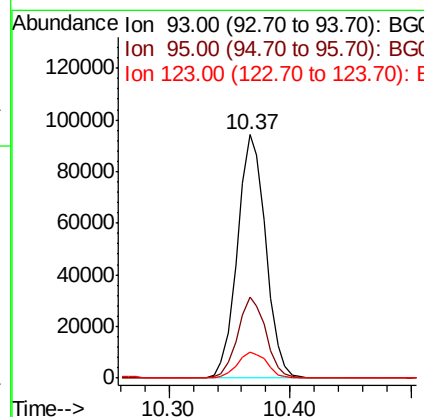
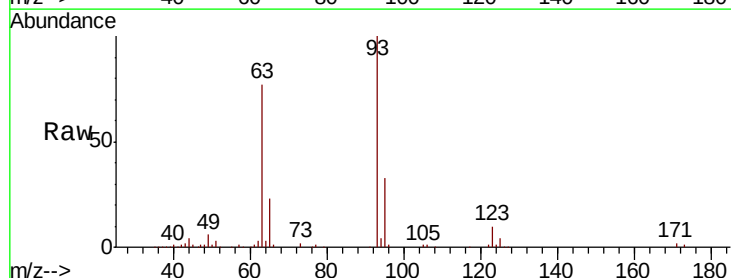
Manual Integrations
APPROVED

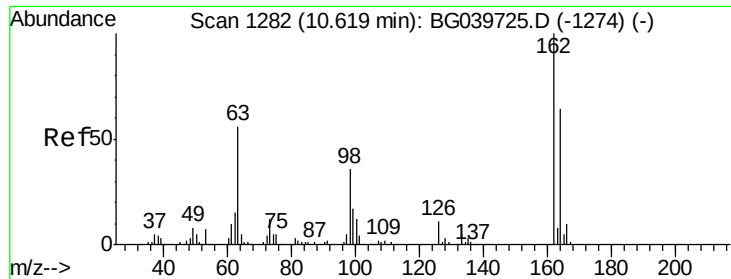
Sohil
3/12/2019 4:42:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.677 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154005		
95	33.1	25.0	37.4	
123	10.5	8.6	12.8	





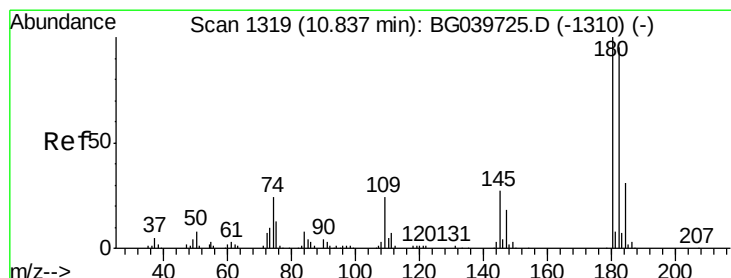
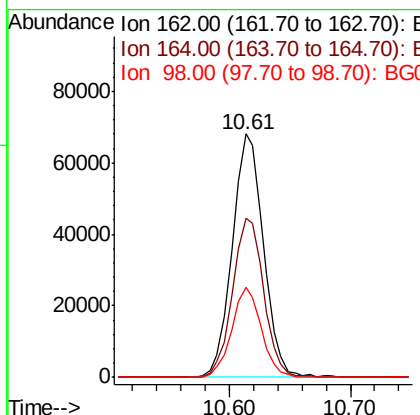
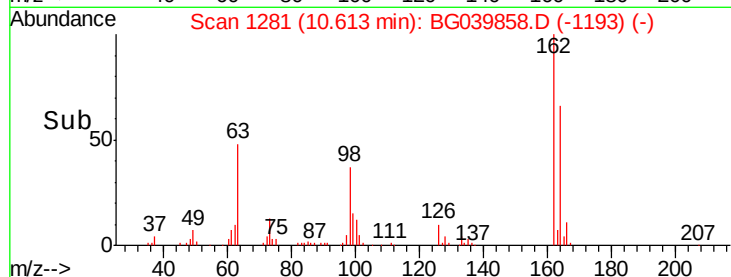
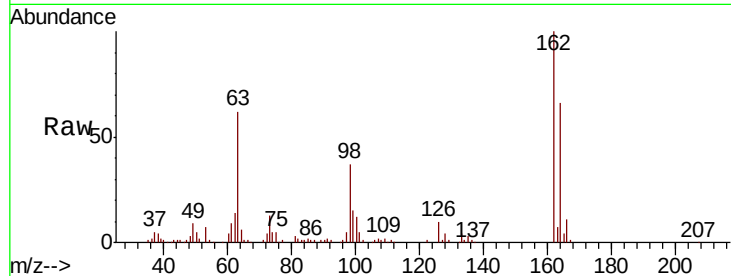
#29
2,4-Dichlorophenol
Concen: 45.292 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.6	48.1	88.1
98	37.1	18.1	58.1

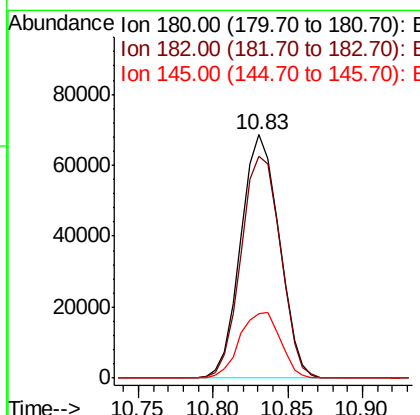
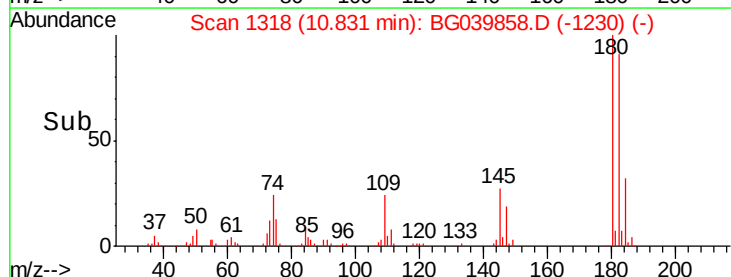
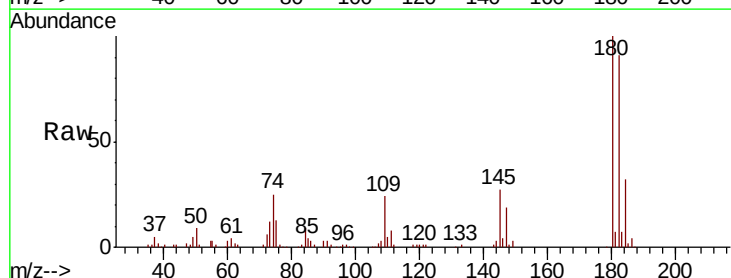
Manual Integrations
APPROVED

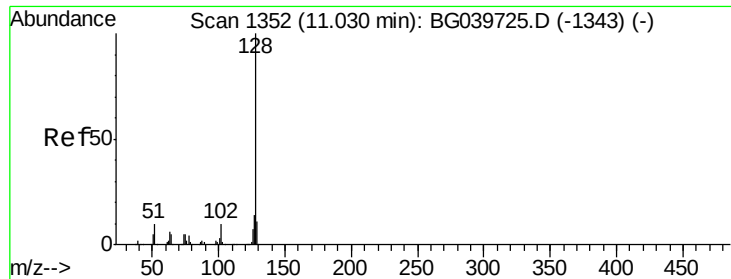
Sohil
3/12/2019 4:42:29 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.333 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	91.1	76.0	114.0
145	26.6	22.7	34.1





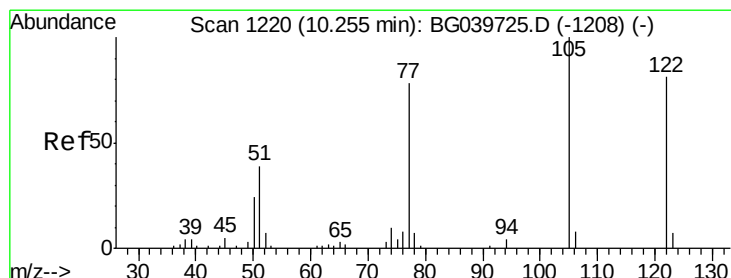
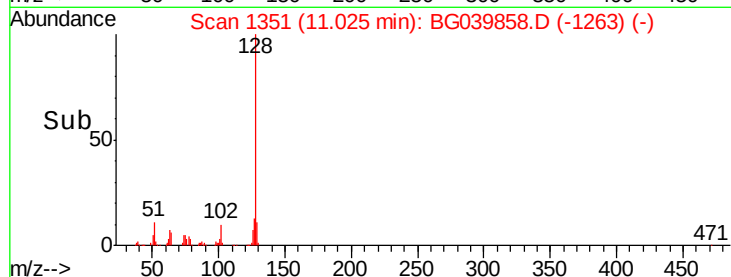
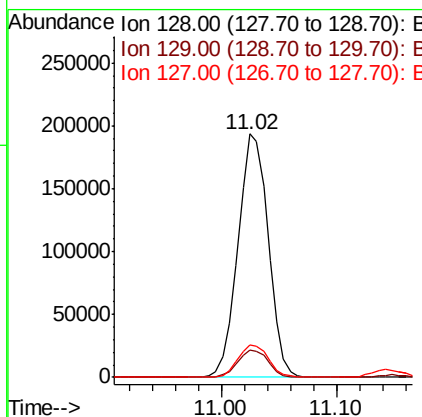
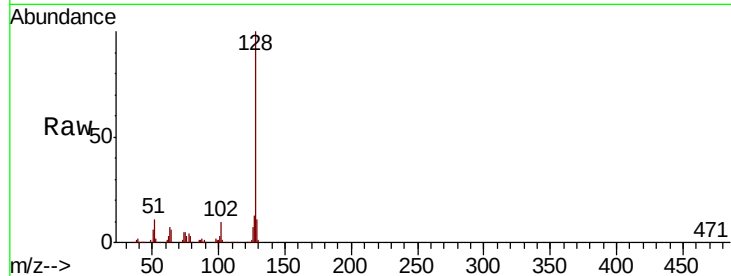
#31
Naphthalene
Concen: 40.293 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.8	16.2

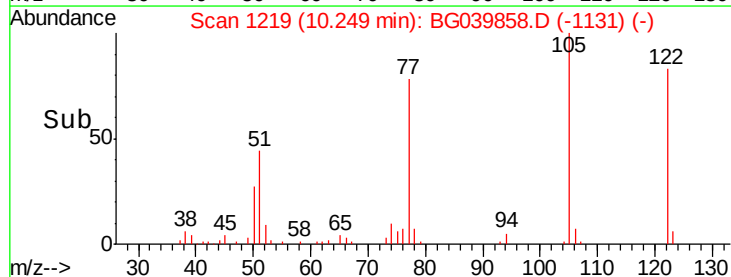
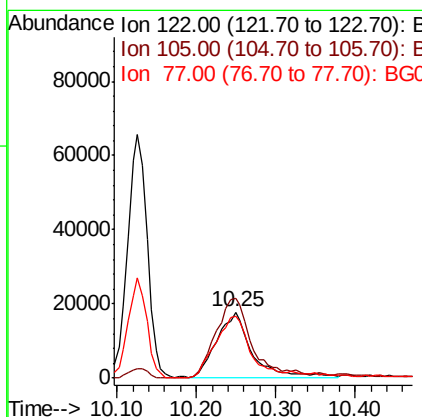
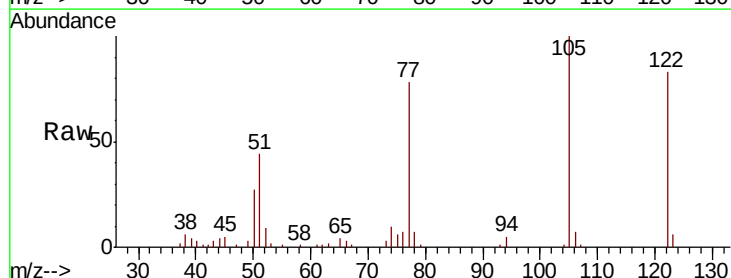
Manual Integrations
APPROVED

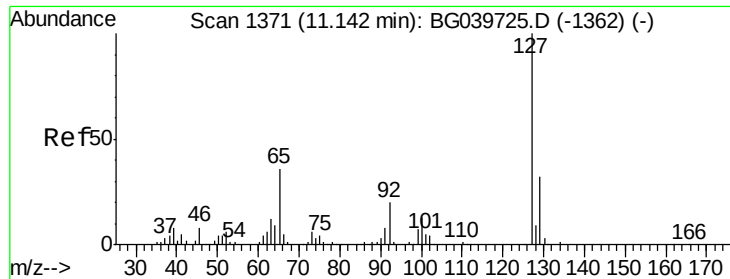
Sohil
3/12/2019 4:42:29 PM



#32
Benzoic acid
Concen: 34.234 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	101.8	141.8
77	94.3	76.3	116.3





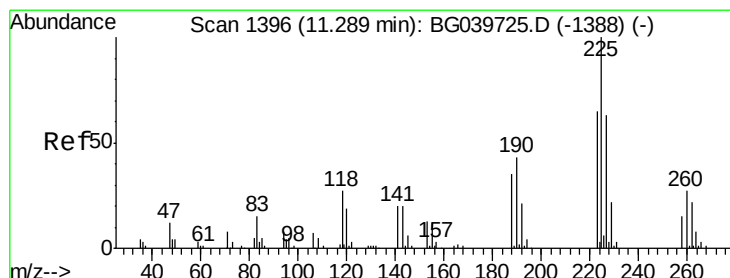
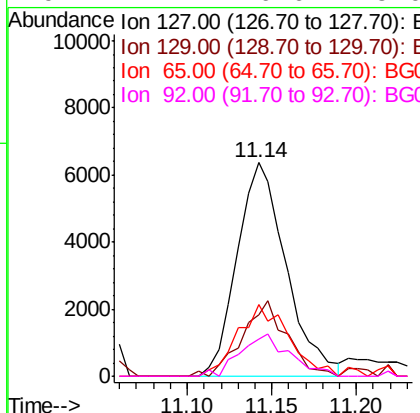
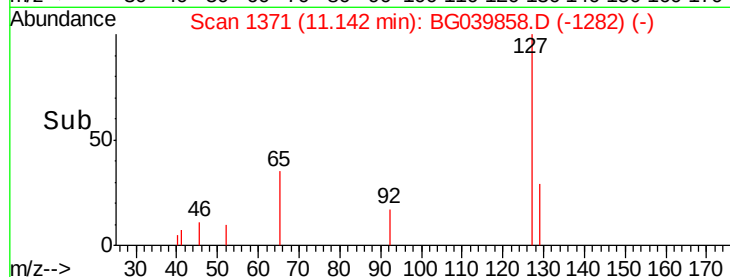
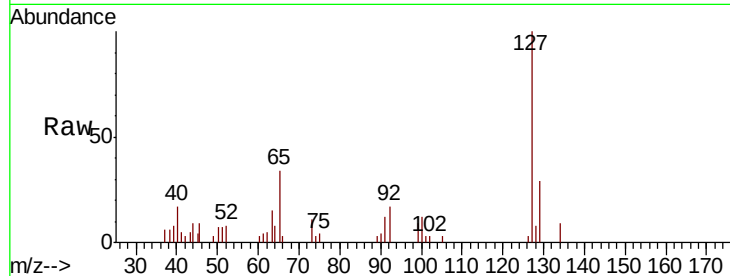
#33
4-Chloroaniline
Concen: 3.460 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.1		27.0	40.4	
65	33.6		28.8	43.2	
92	17.2		16.6	25.0	

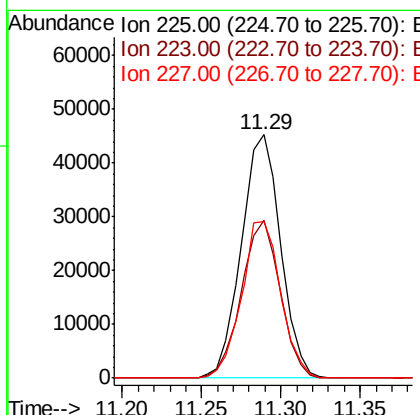
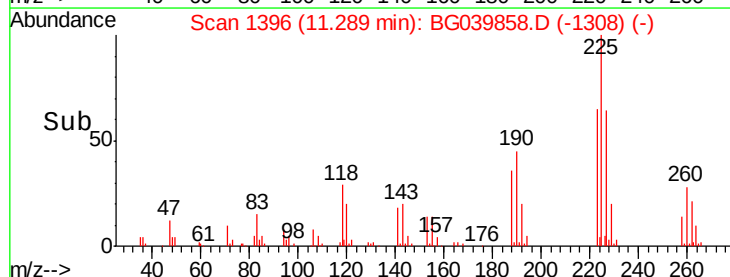
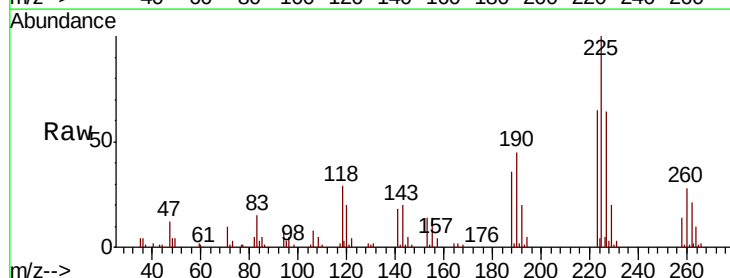
Manual Integrations
APPROVED

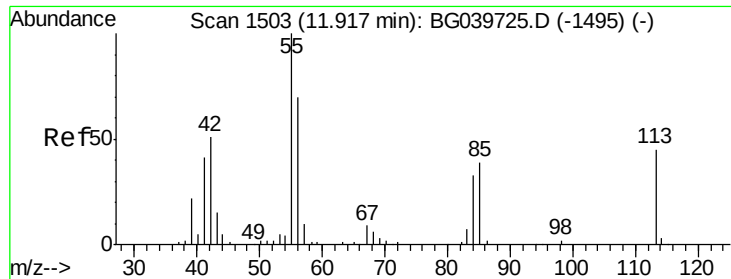
Sohil
3/12/2019 4:42:29 PM



#34
Hexachlorobutadiene
Concen: 37.500 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6		49.0	73.6	
227	64.5		46.3	69.5	





#35

Caprolactam

Concen: 32.058 ng/ml

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

ClientSampleId :

OR-01-030719-AMS

Tot Ion:113 Resp: 33108

Ion Ratio Lower Upper

113 100

55 219.8 216.9 256.9

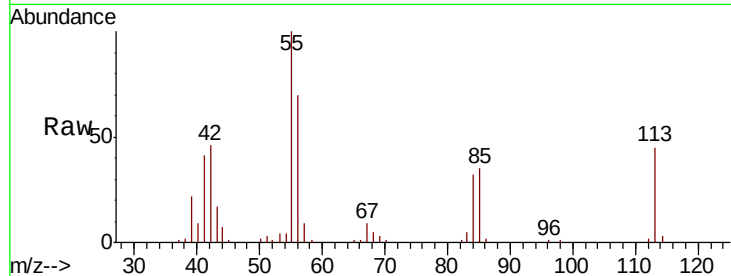
56 153.1 152.6 192.6

Manual Integrations

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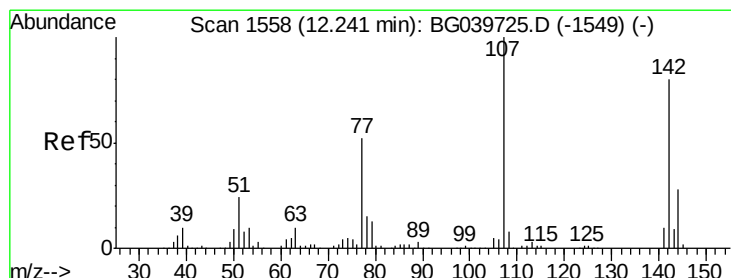
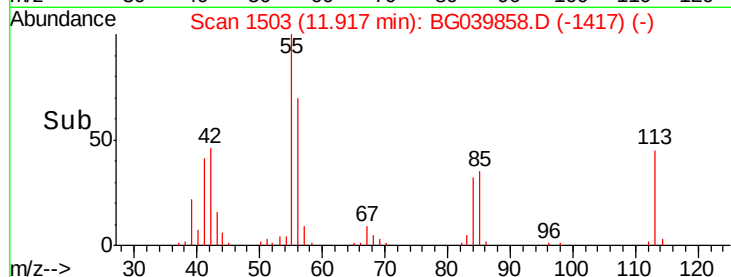
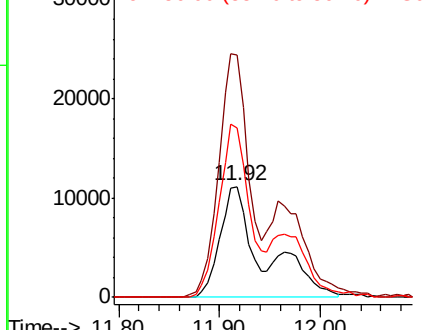


Abundance

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: 44.087 ng/ml

RT: 12.24 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

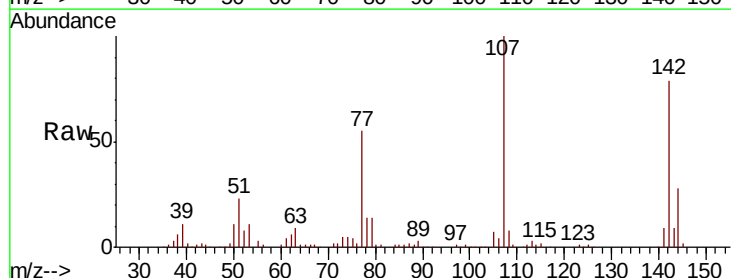
Tgt Ion:107 Resp: 136635

Ion Ratio Lower Upper

107 100

144 27.9 20.2 30.2

142 79.1 61.4 92.2

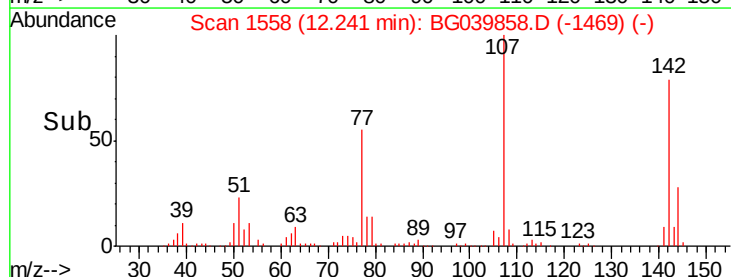
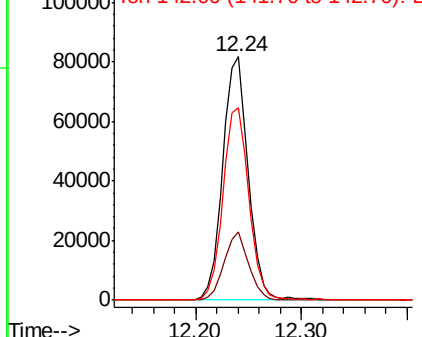


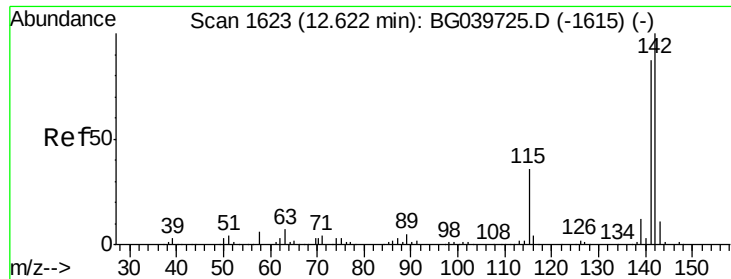
Abundance

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





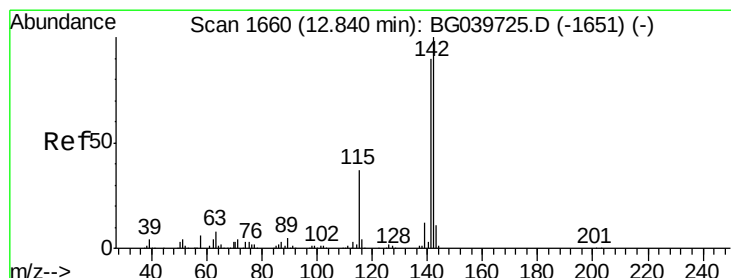
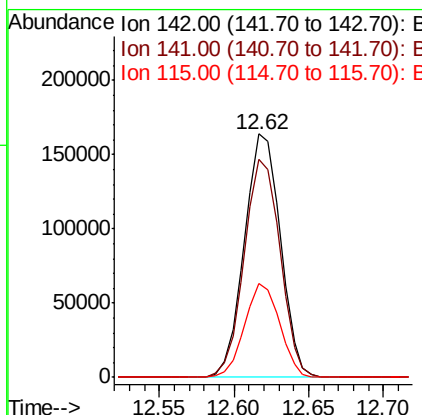
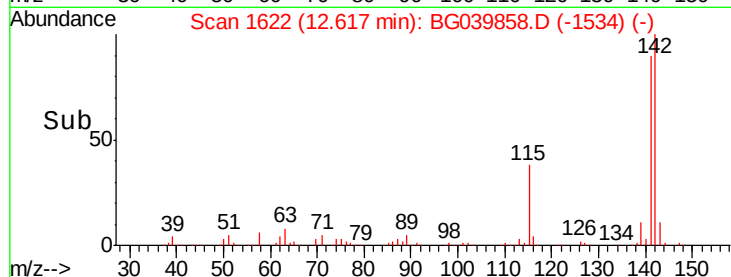
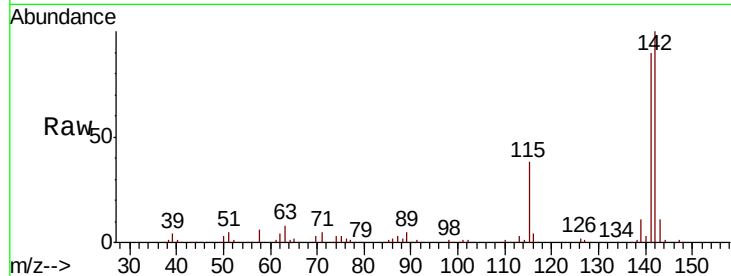
#37
2-Methylnaphthalene
Concen: 41.915 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3
115	38.3	30.8	46.2

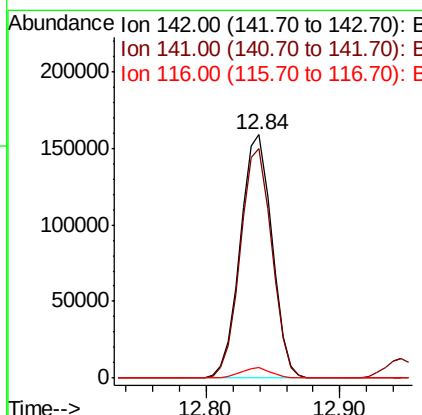
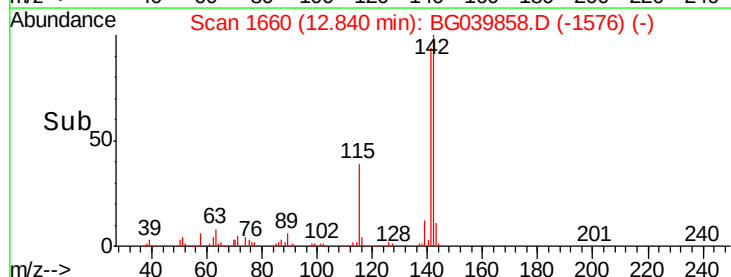
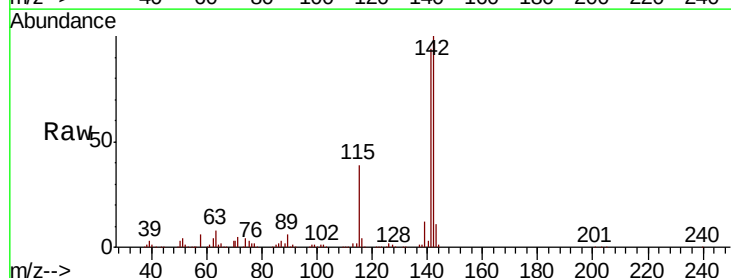
Manual Integrations
APPROVED

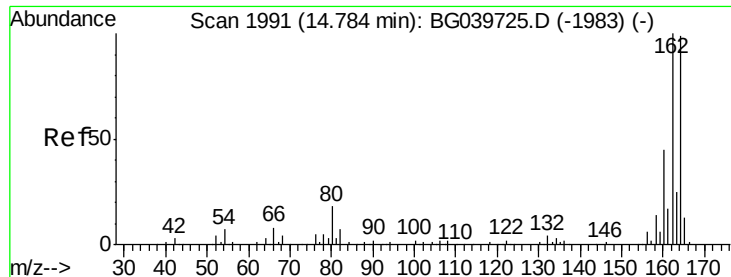
Sohil
3/12/2019 4:42:29 PM



#38
1-Methylnaphthalene
Concen: 41.059 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

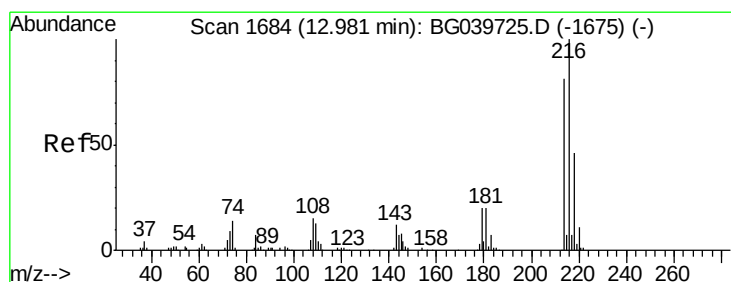
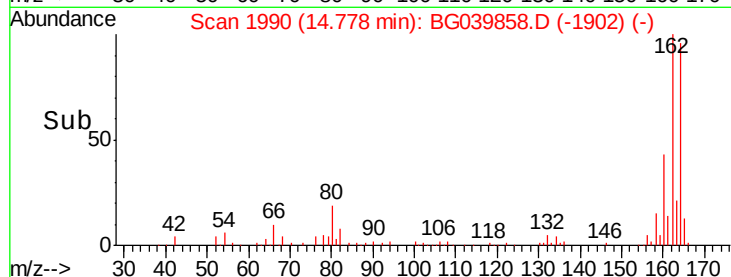
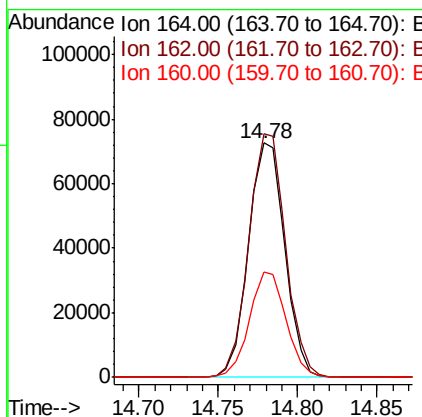
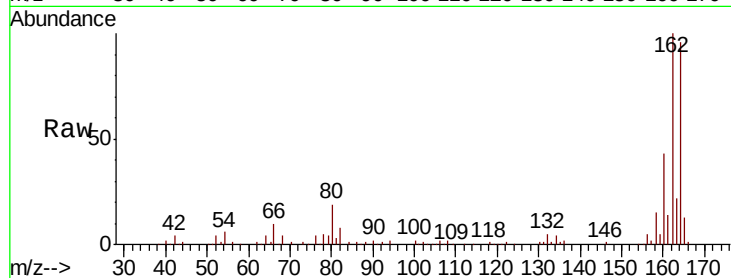
ClientSampleId :

OR-01-030719-AMS

Tot Ion:	164	Resp:	115491
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.6	122.4
160	45.2	34.2	51.2

Manual Integrations
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3/12/2019 4:42:29 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.823 ng

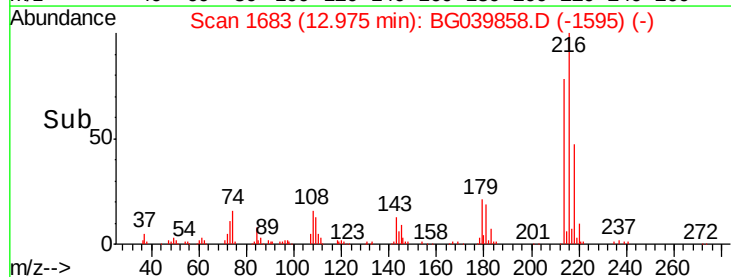
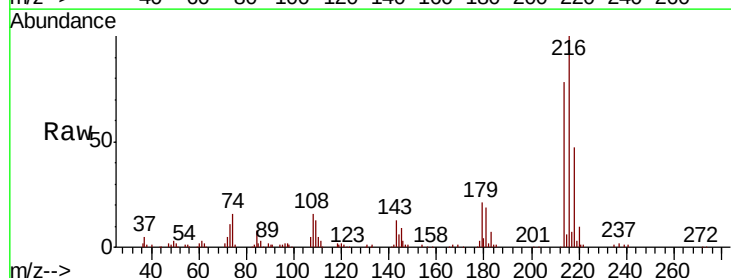
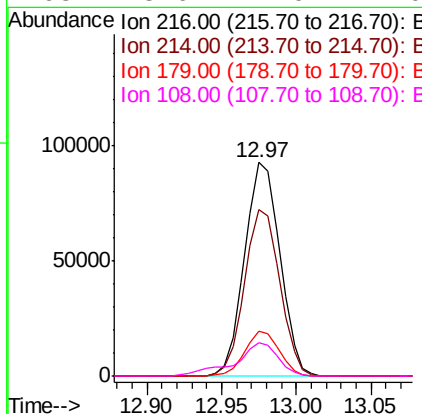
RT: 12.97 min Scan# 1683

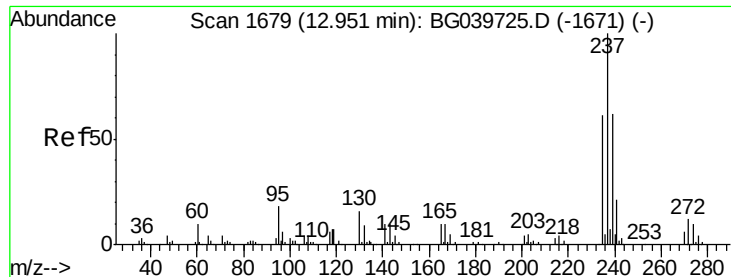
Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion:	216	Resp:	151895
Ion Ratio	Lower	Upper	
216	100		
214	77.4	62.6	94.0
179	20.1	16.6	25.0
108	18.6	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 82.883 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

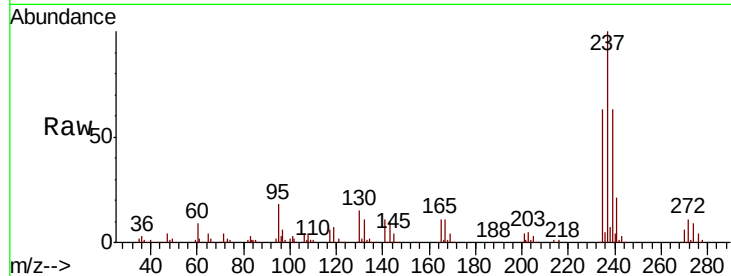
ClientSampleId :

OR-01-030719-AMS

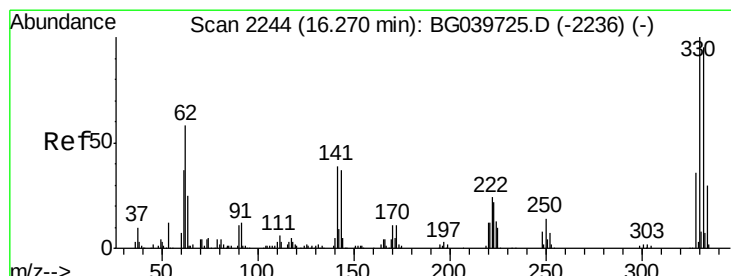
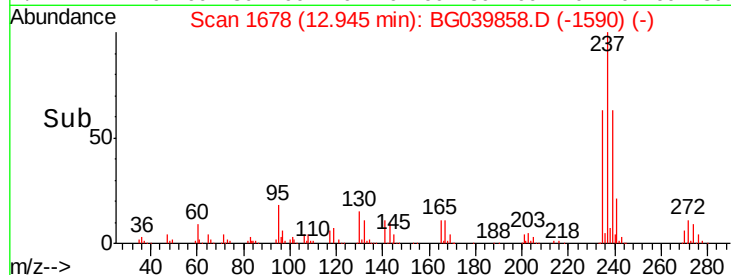
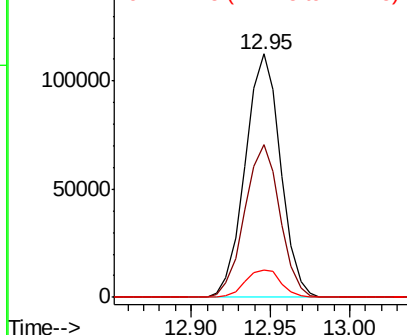
Tot Ion:	237	Resp:	173785
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.3	83.3
272	11.1	0.0	32.3

Manual Integrations
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3/12/2019 4:42:29 PM



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: 147.532 ng

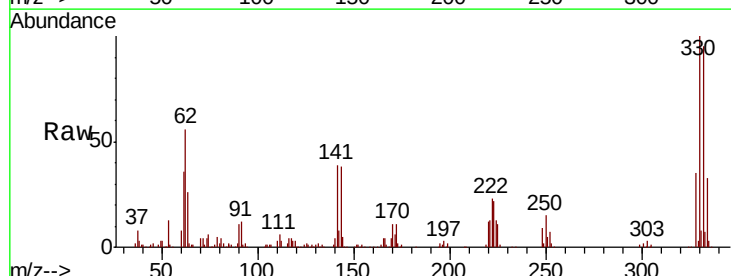
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

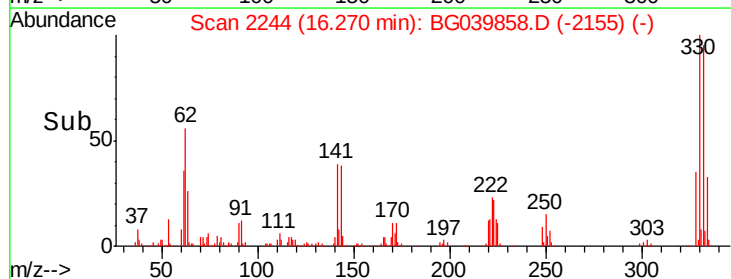
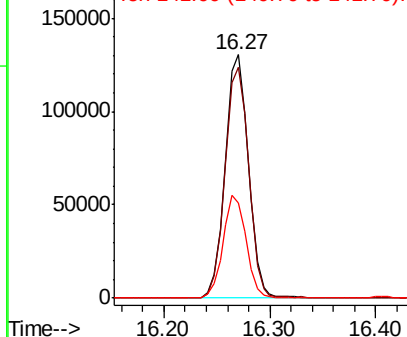
Lab File: BG039858.D

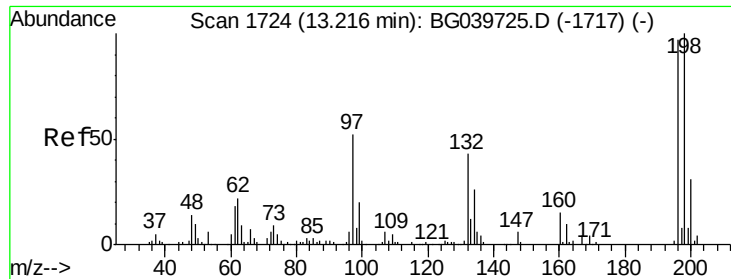
Acq: 12 Mar 2019 3:01

Tgt Ion:	330	Resp:	198598
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.7	113.5
141	42.0	35.6	53.4



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





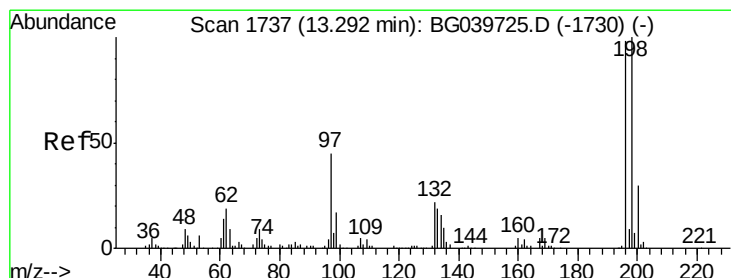
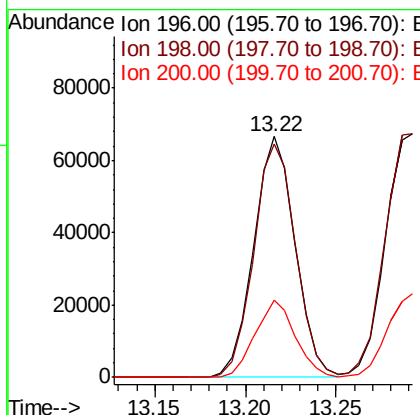
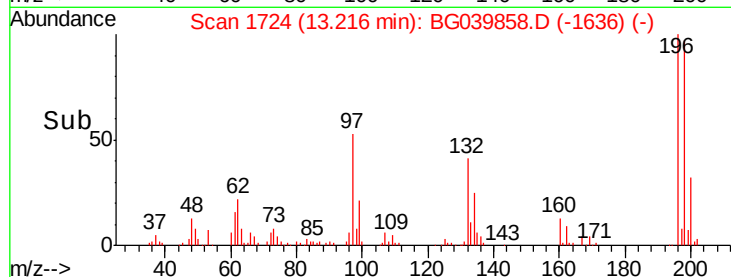
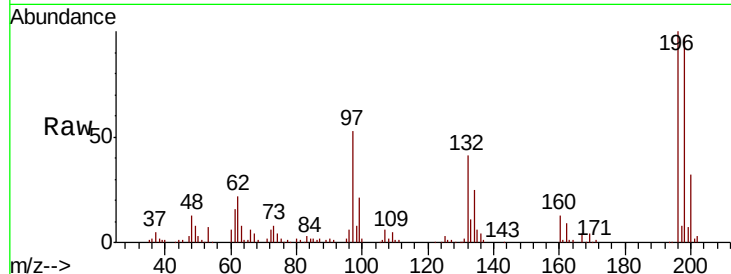
#43
 2,4,6-Trichlorophenol
 Concen: 46.360 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	106194		
198	97.2	80.6	121.0	
200	32.0	26.1	39.1	

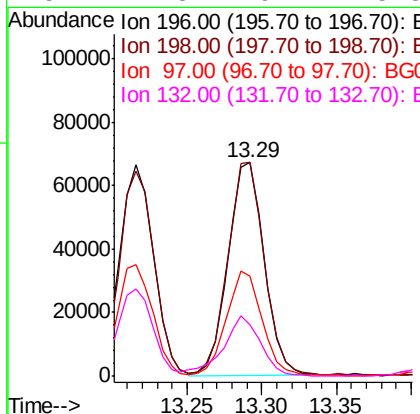
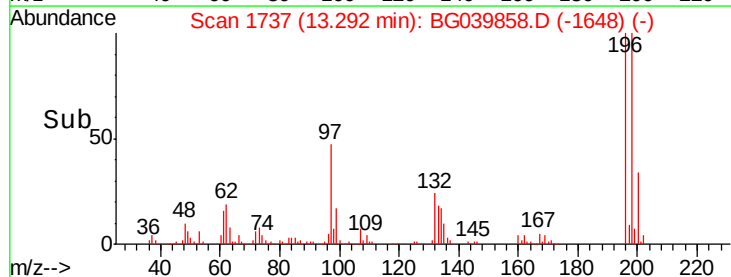
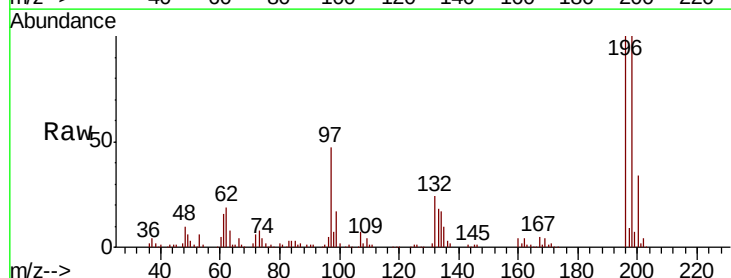
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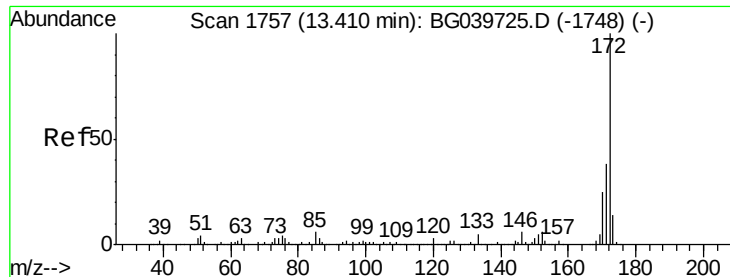
Sohil
 3/12/2019 4:42:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.952 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113482		
198	100.2	78.5	117.7	
97	46.7	38.4	57.6	
132	24.3	19.2	28.8	





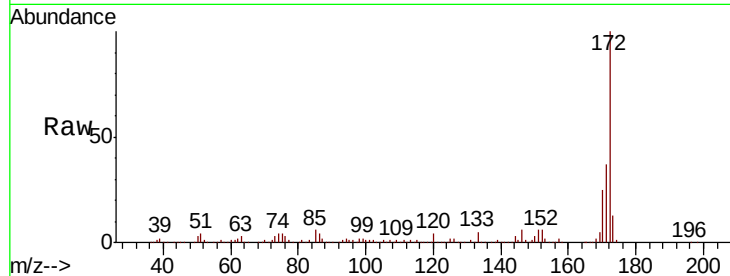
#45
2-Fluorobiphenyl
Concen: 85.405 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	25.2	20.2	30.4

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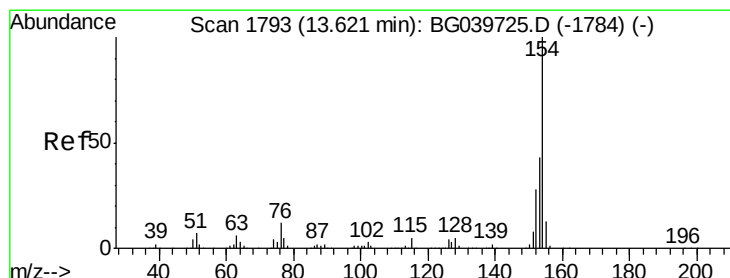
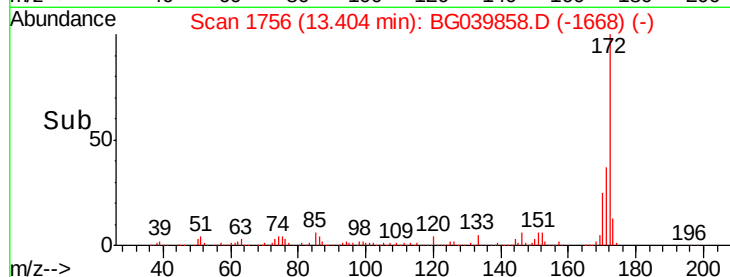
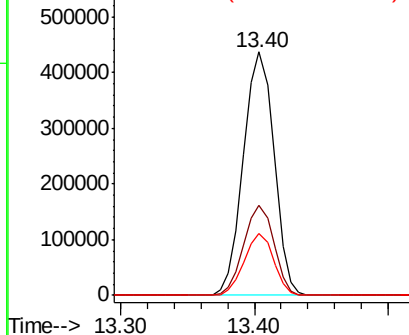


Abundance

Ion 172.00 (171.70 to 172.70): E

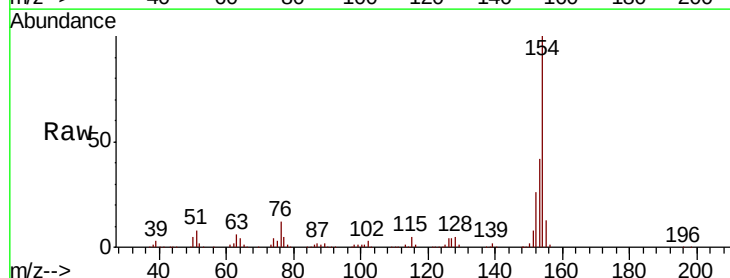
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.545 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	12.0	0.0	32.4

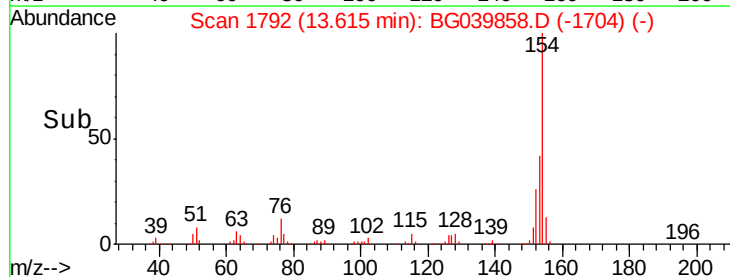
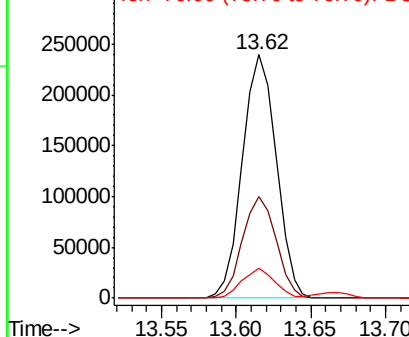


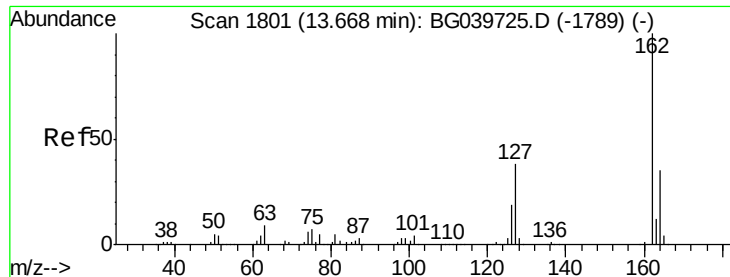
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





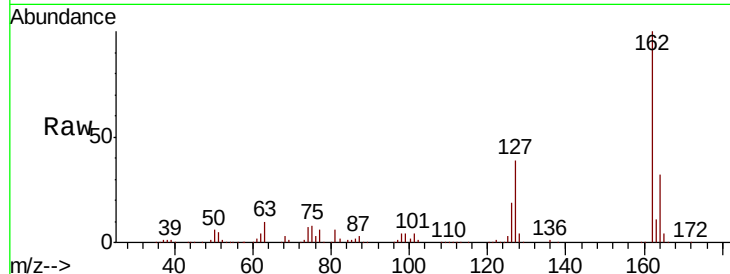
#47
 2-Chloronaphthalene
 Concen: 40.320 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-AMS

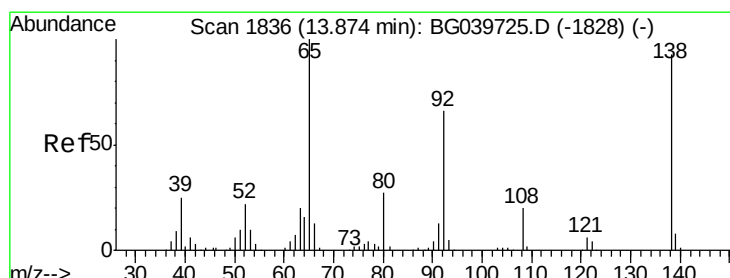
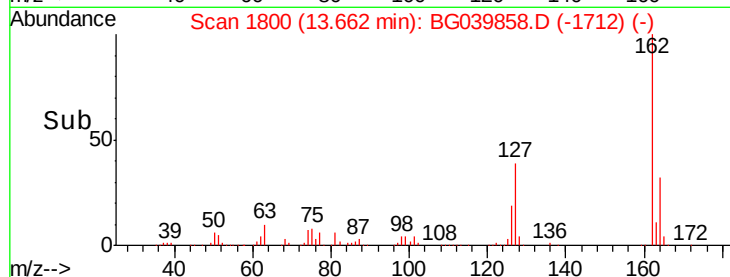
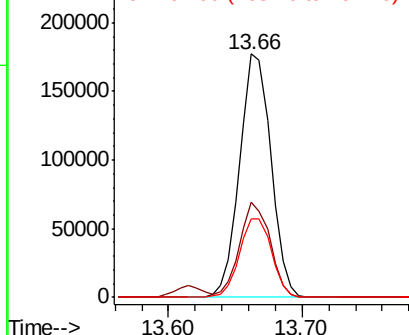
Tot Ion	Ratio	Resp	Lower	Upper
162	100	288128		
127	39.1	31.0	46.6	
164	32.1	25.7	38.5	

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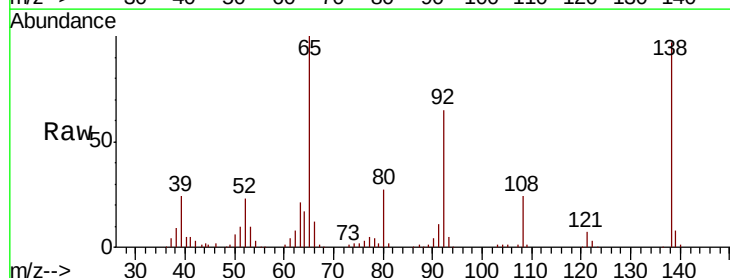


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

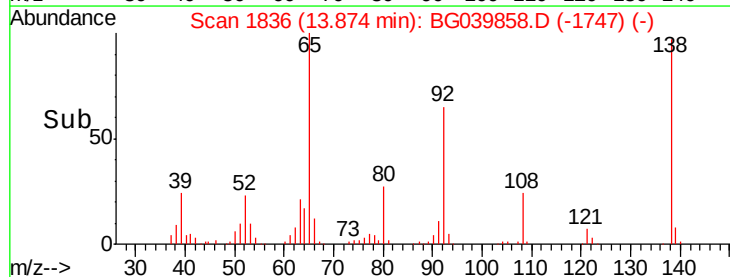
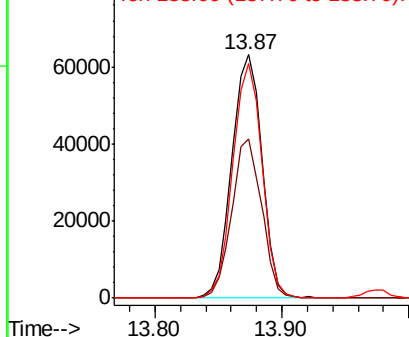


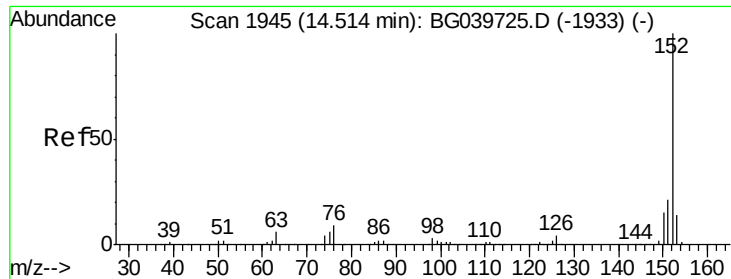
#48
 2-Nitroaniline
 Concen: 45.241 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	103895		
92	65.2	51.4	77.2	
138	96.6	71.4	107.2	



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.730 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

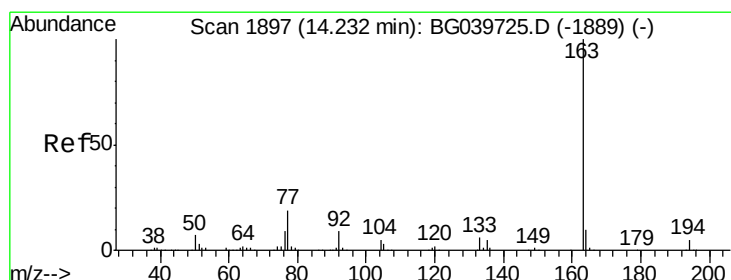
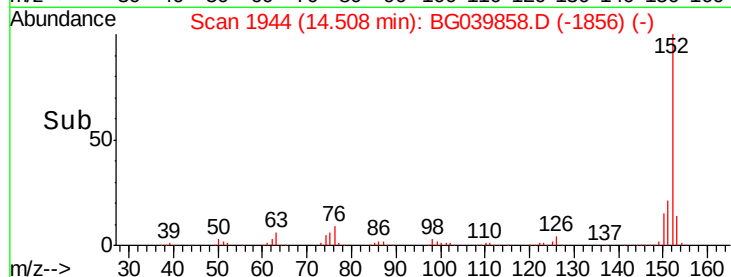
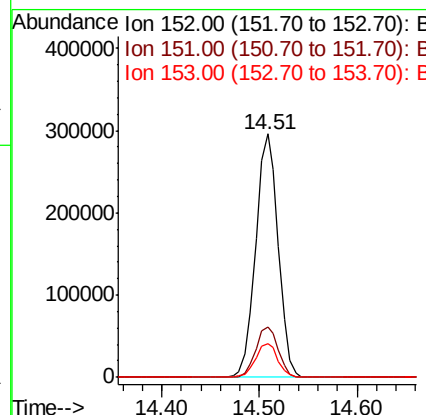
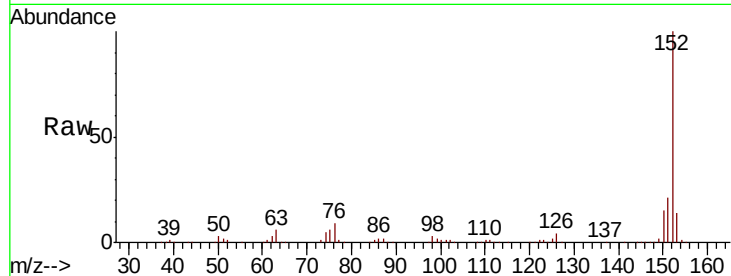
ClientSampleId :

OR-01-030719-AMS

Tot Ion:	152	Resp:	477795
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.8	11.7	17.5

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#50

Dimethylphthalate

Concen: 42.268 ng

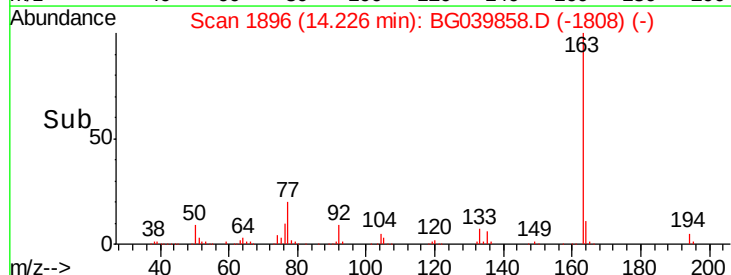
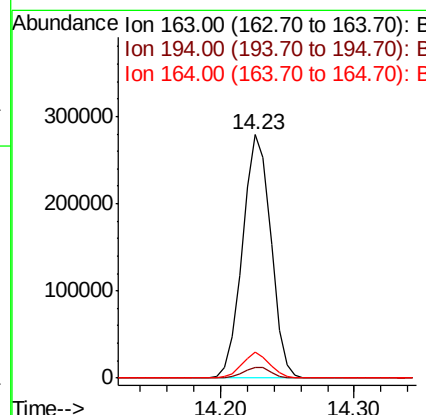
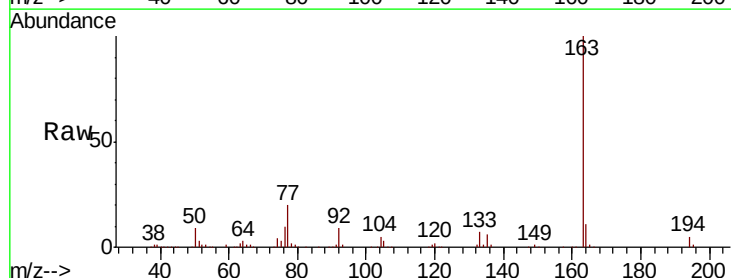
RT: 14.23 min Scan# 1896

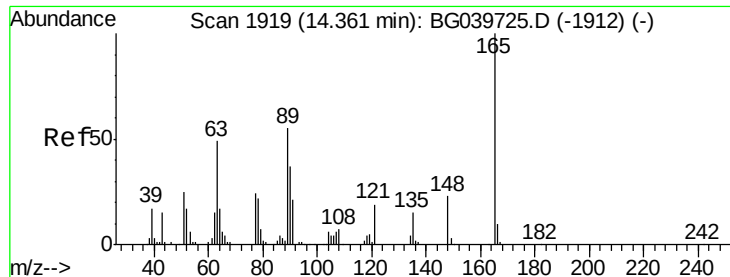
Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion:	163	Resp:	408191
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.6	8.4	12.6





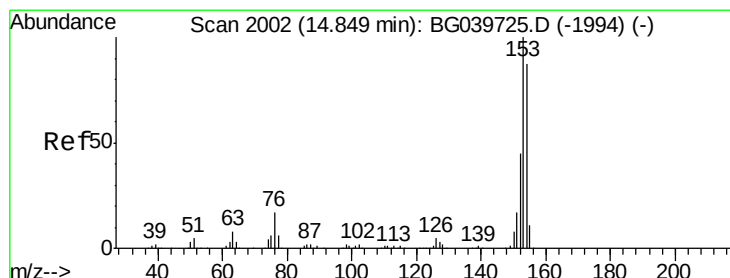
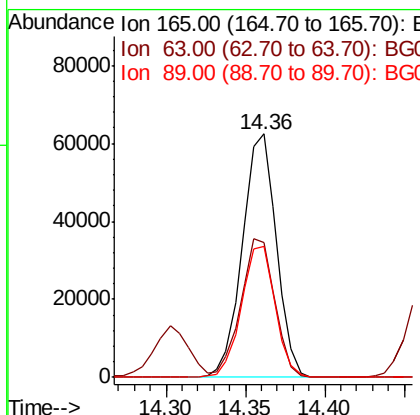
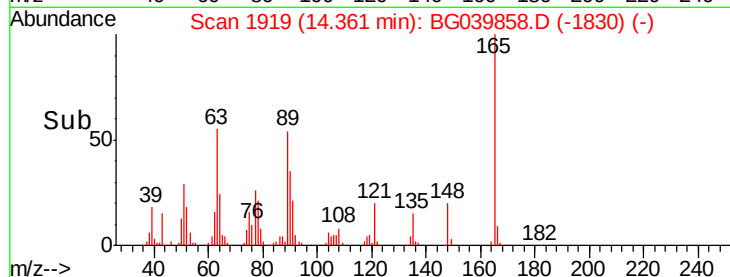
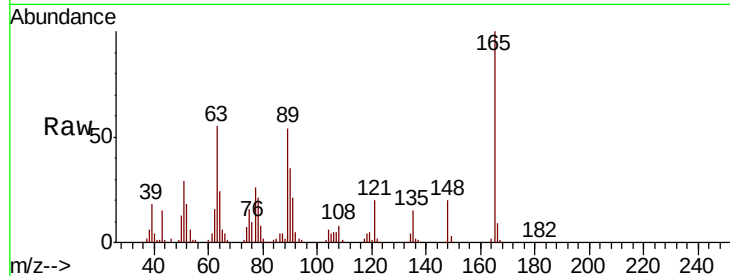
#51
2,6-Dinitrotoluene
Concen: 45.408 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.5	47.0	70.6
89	53.9	45.8	68.8

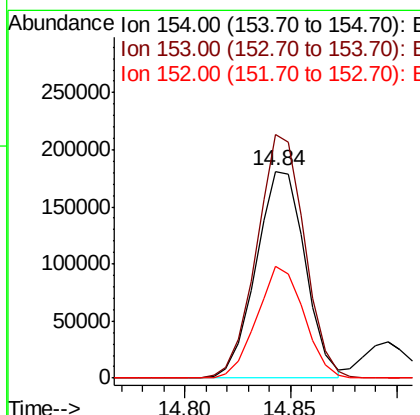
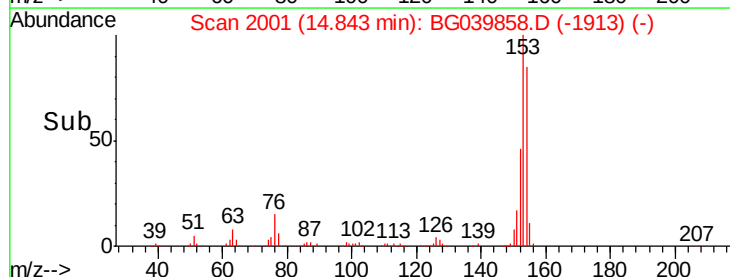
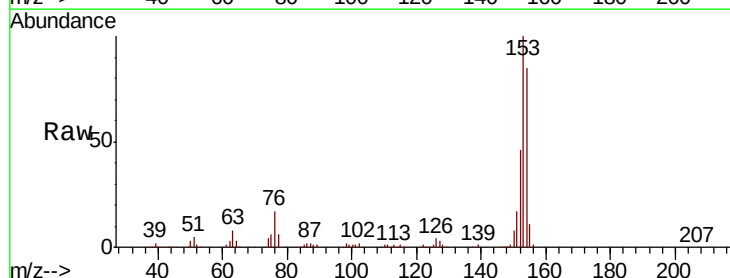
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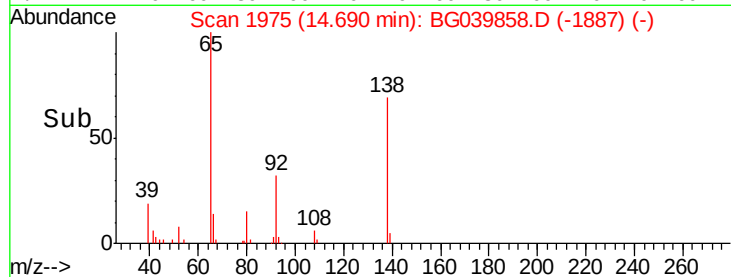
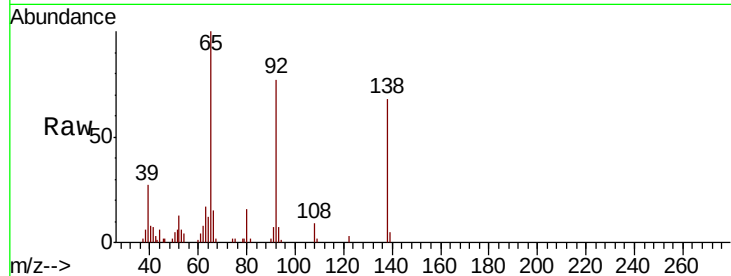
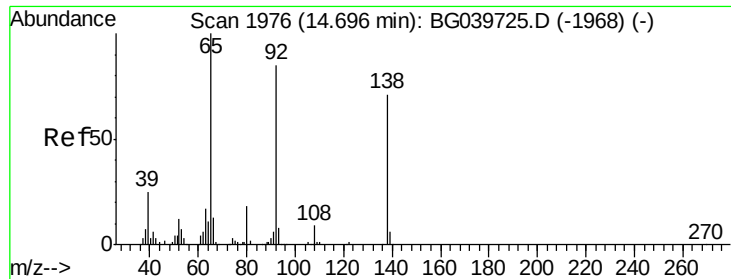
Sohil
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#52
Acenaphthene
Concen: 41.416 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.7	90.1	135.1
152	53.9	40.9	61.3





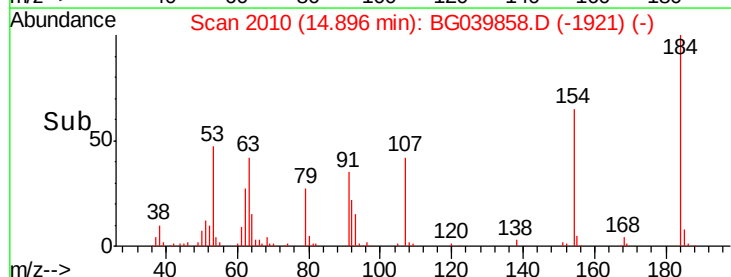
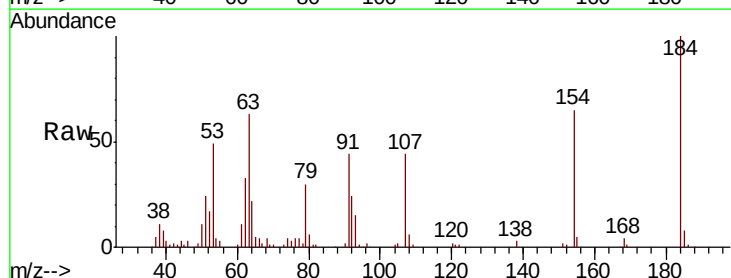
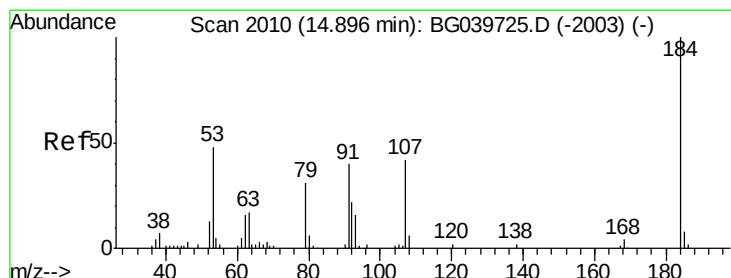
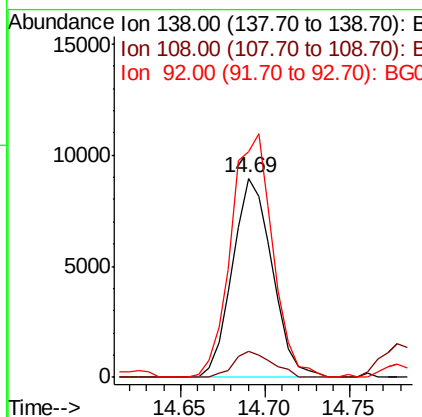
#53
3-Nitroaniline
Concen: 7.127 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.0	13.8	20.8#
92	113.4	103.7	155.5

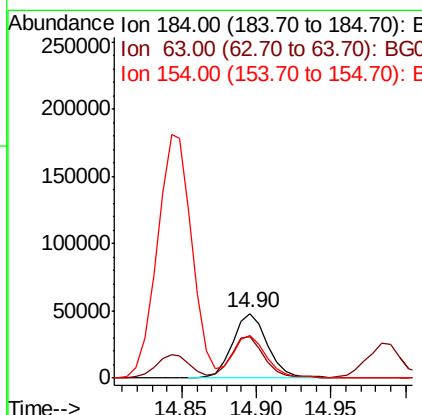
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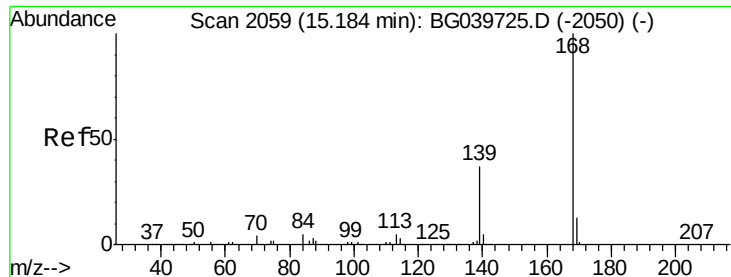
Sohil
3/12/2019 4:42:29 PM



#54
2,4-Dinitrophenol
Concen: 61.594 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.3	50.9	76.3
154	65.0	53.0	79.6





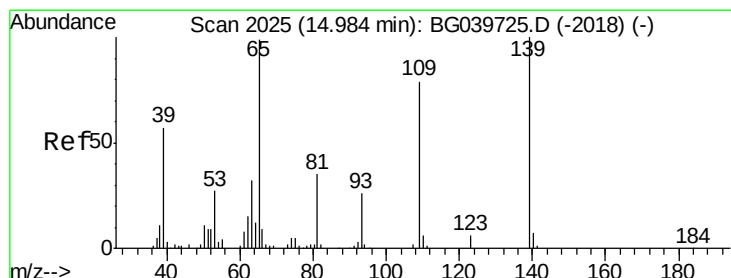
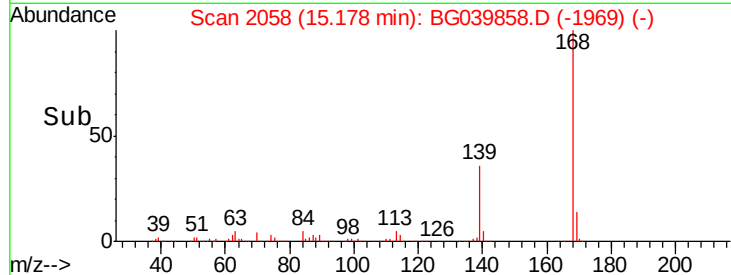
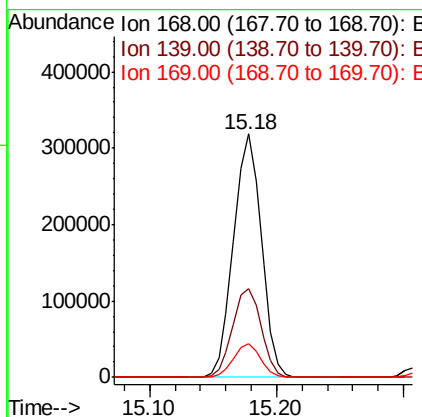
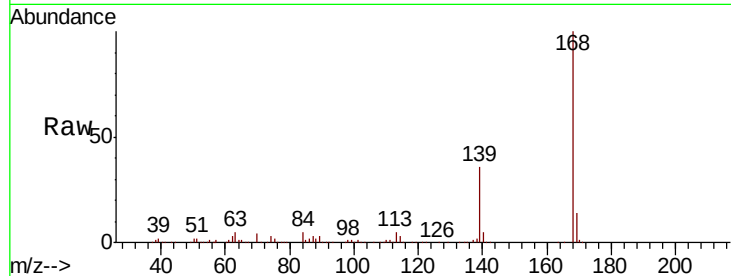
#55
 Dibenzofuran
 Concen: 41.794 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-AMS

Tot Ion:	168	Resp:	484143
Ion Ratio	Lower	Upper	
168	100		
139	36.4	30.1	45.1
169	13.7	10.6	16.0

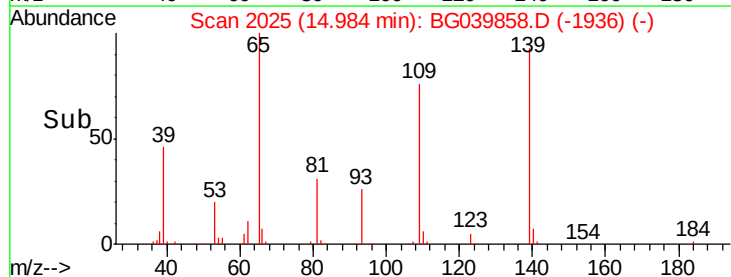
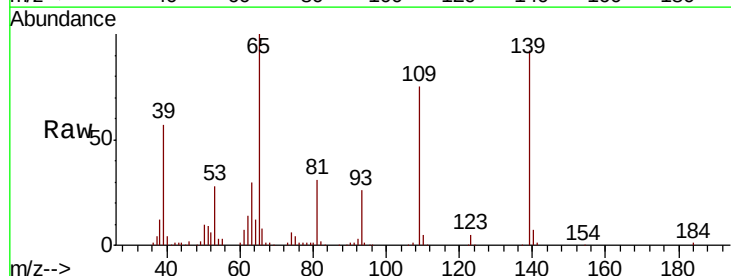
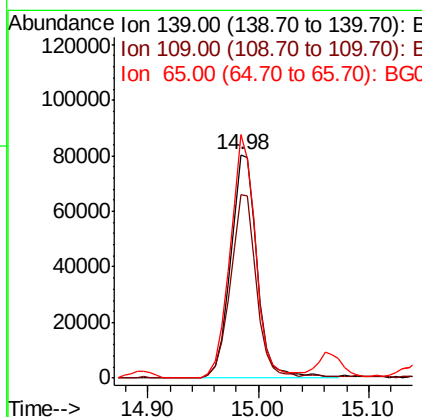
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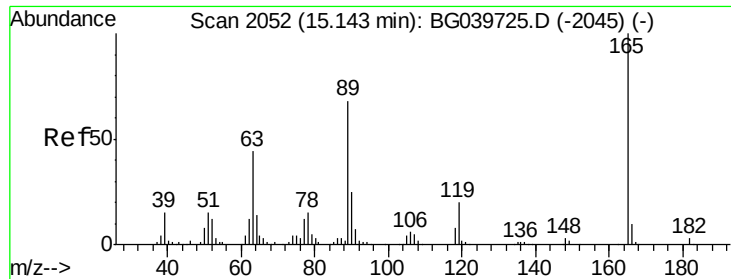
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 3/12/2019 4:42:29 PM



#56
 4-Nitrophenol
 Concen: 73.341 ng
 RT: 14.98 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Tgt Ion:	139	Resp:	135019
Ion Ratio	Lower	Upper	
139	100		
109	82.0	61.9	101.9
65	109.0	99.1	139.1





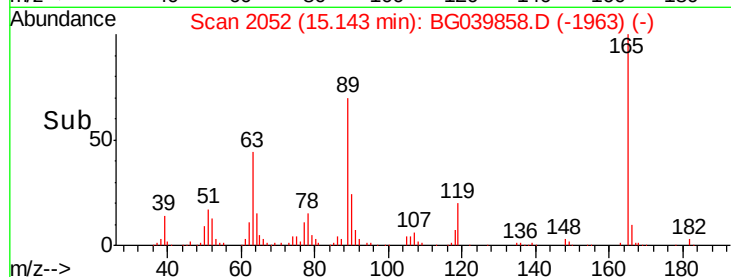
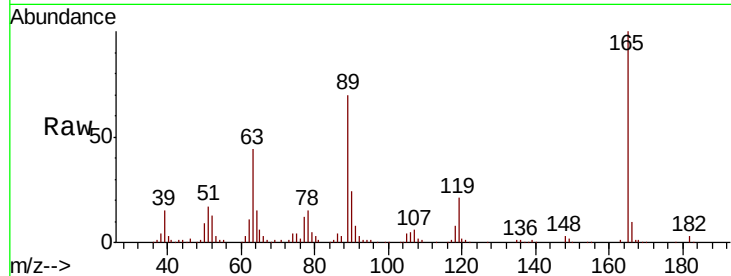
#57
2,4-Dinitrotoluene
Concen: 45.478 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

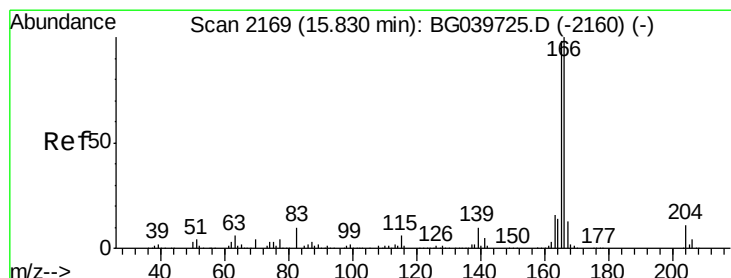
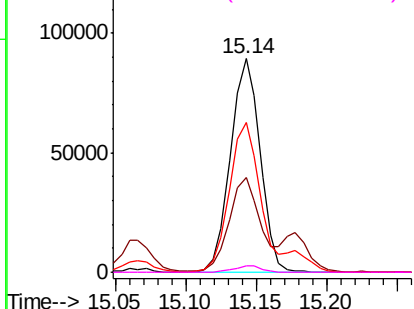
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	41.0	61.6
89	70.2	64.6	96.8
182	2.8	2.0	3.0

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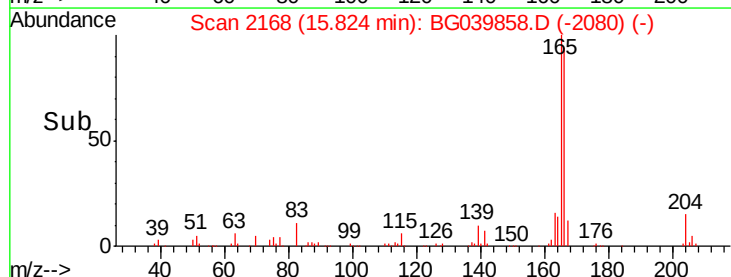
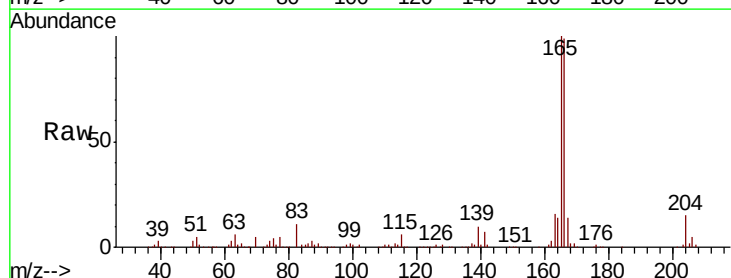


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

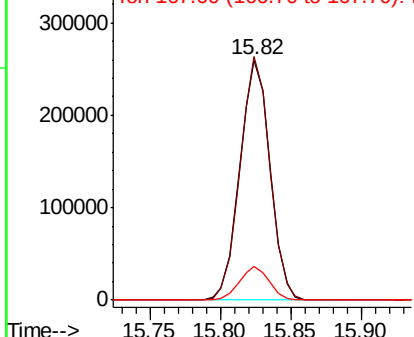


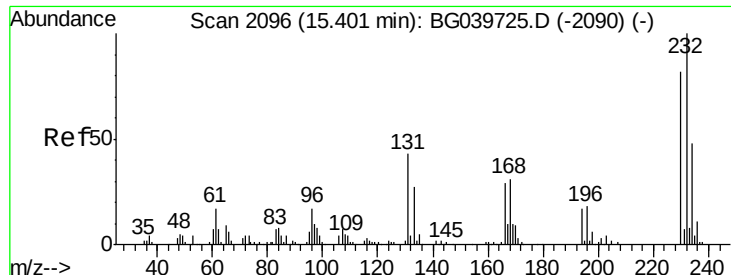
#58
Fluorene
Concen: 42.680 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	77.9	116.9
167	13.9	10.8	16.2



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





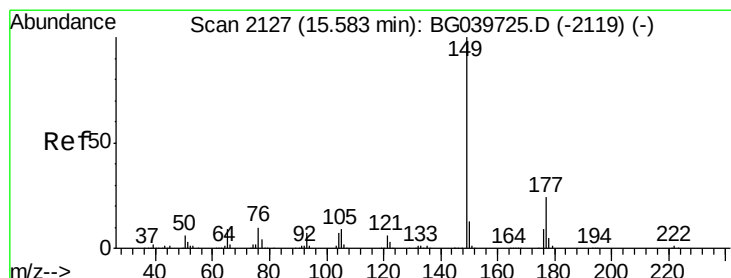
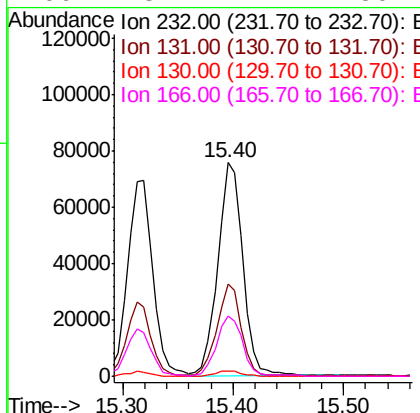
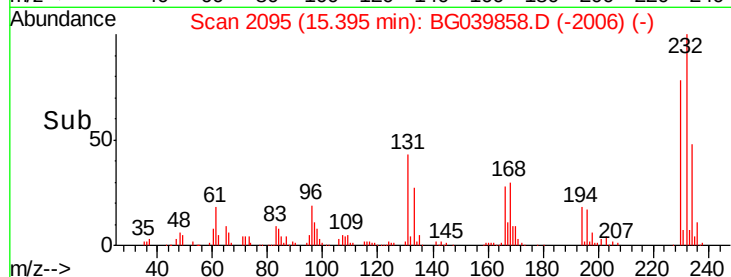
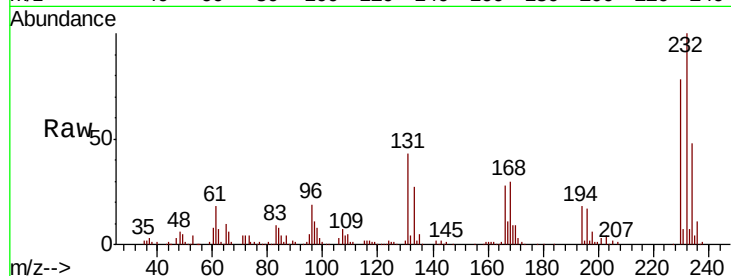
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.035 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	118603		
131	41.1		34.9	52.3
130	2.4		2.0	3.0
166	28.4		24.1	36.1

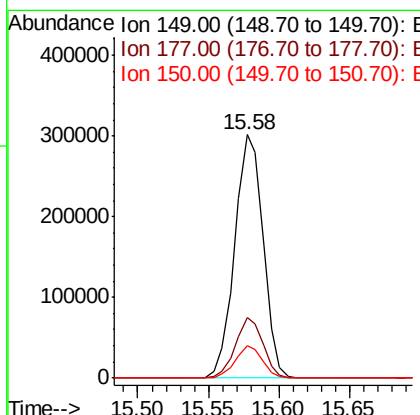
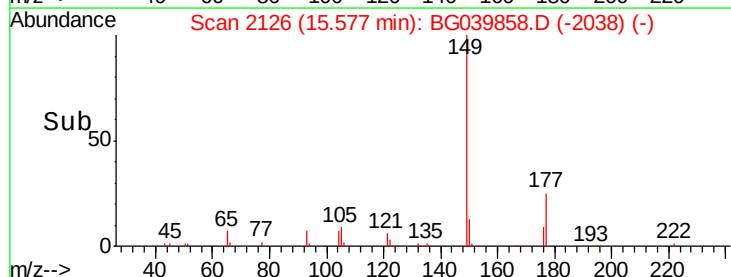
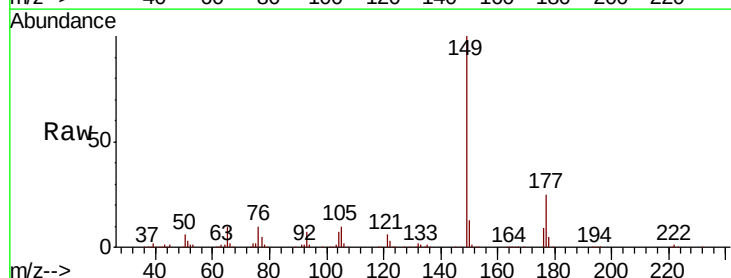
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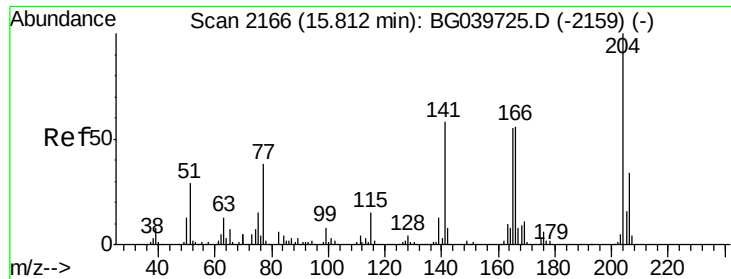
Sohil
 3/12/2019 4:42:29 PM



#60
 Diethylphthalate
 Concen: 44.043 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	421053		
177	25.1		18.3	27.5
150	13.3		10.2	15.2





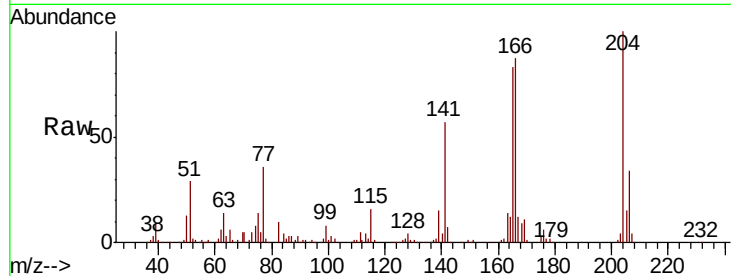
#61
4-Chlorophenyl-phenylether
Concen: 41.608 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	29.2	43.8
141	56.6	49.0	73.4

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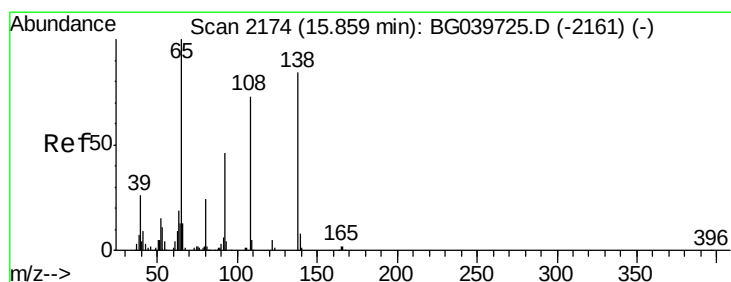
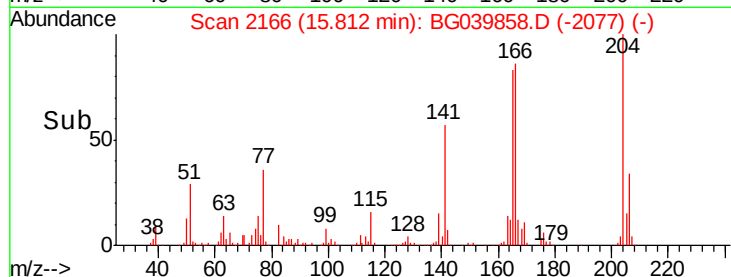
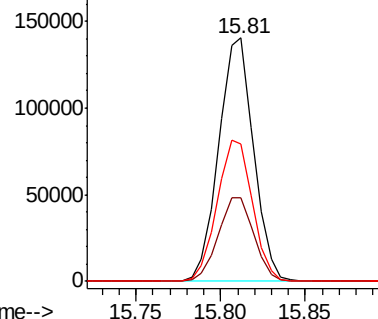


Abundance

Ion 204.00 (203.70 to 204.70): E

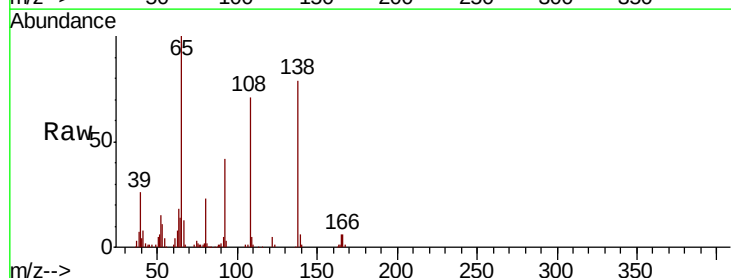
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.491 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	38.7	78.7
108	90.4	74.6	114.6

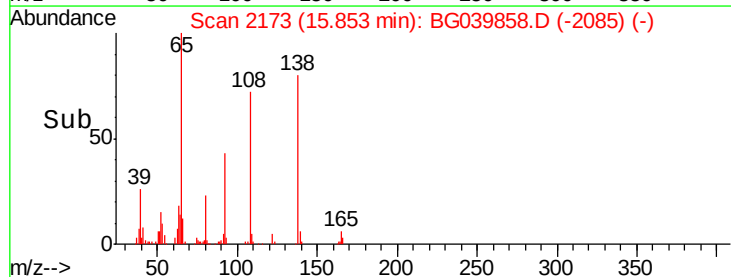
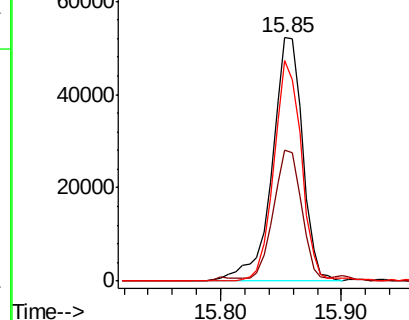


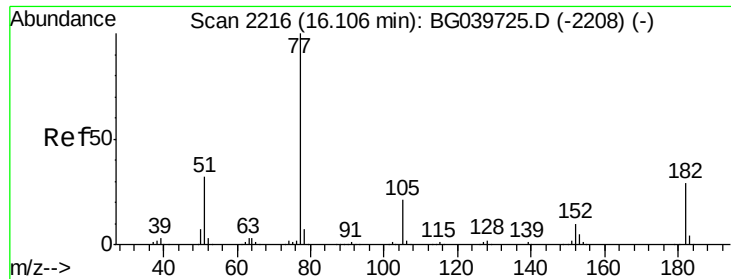
Abundance

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





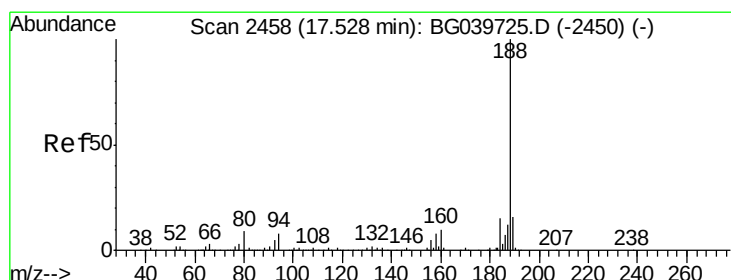
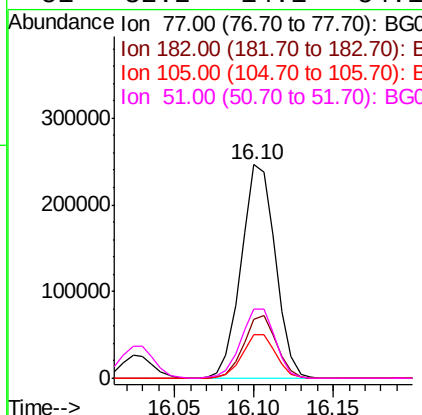
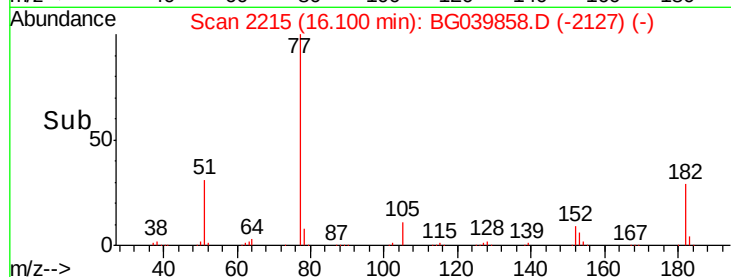
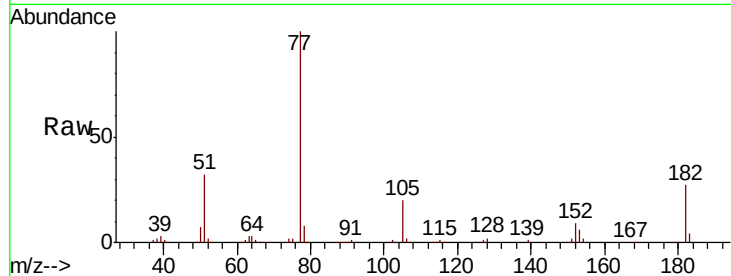
#63
Azobenzene
Concen: 42.453 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	6.4	46.4	
105	20.3	0.0	39.8	
51	32.2	14.1	54.1	

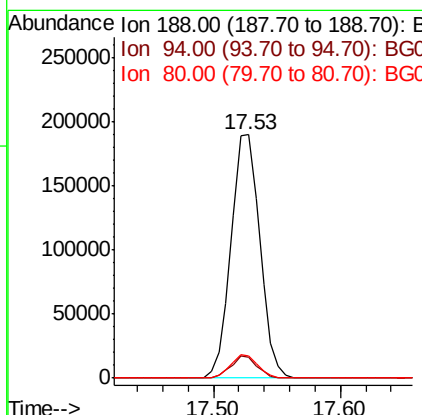
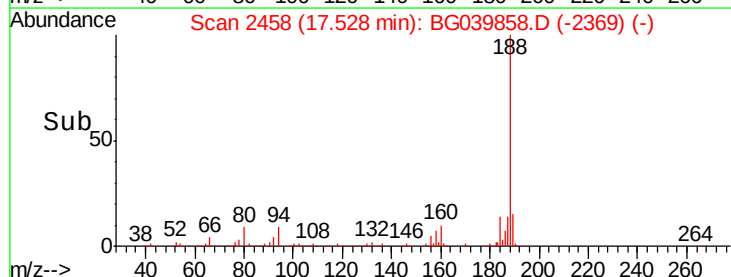
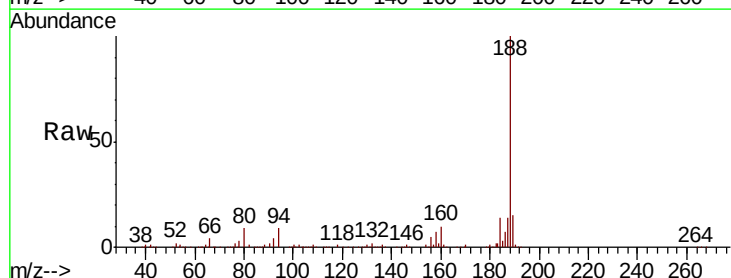
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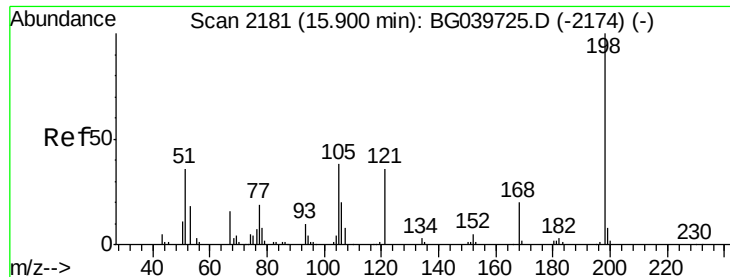
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	6.9	10.3	
80	8.9	8.1	12.1	





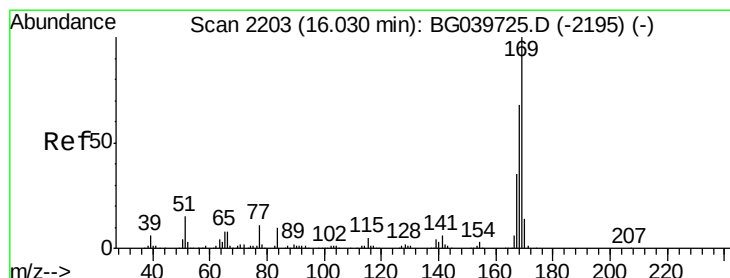
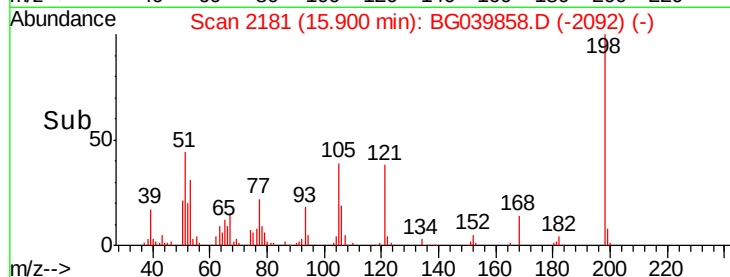
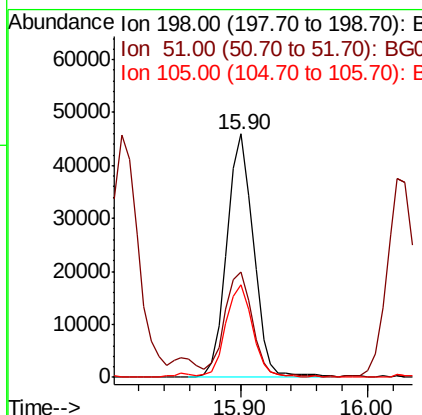
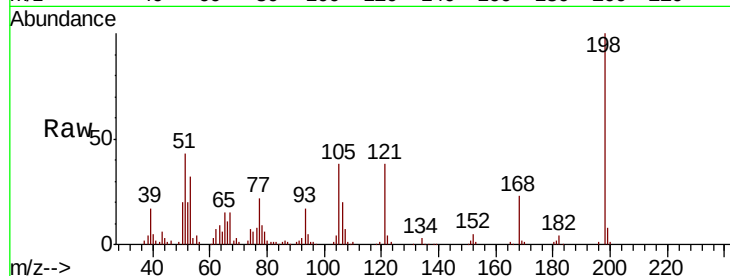
#65
4,6-Dinitro-2-methylphenol
Concen: 38.087 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.4	27.4	67.4
105	37.9	19.7	59.7

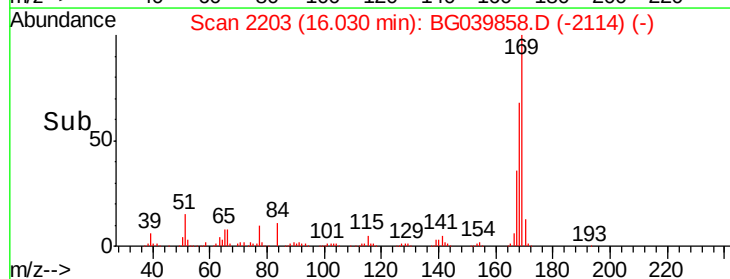
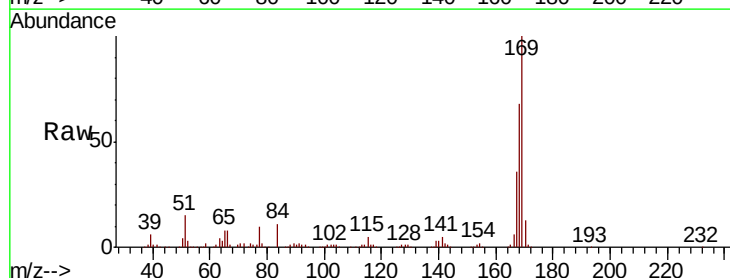
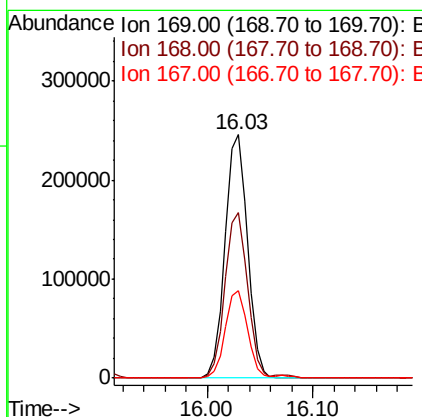
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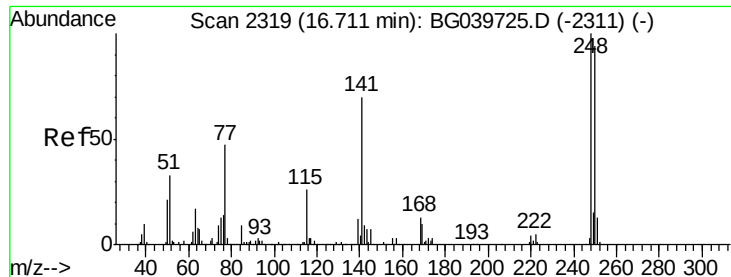
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.911 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	56.6	85.0
167	35.8	28.8	43.2





#67

4-Bromophenyl-phenylether

Concen: 40.991 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

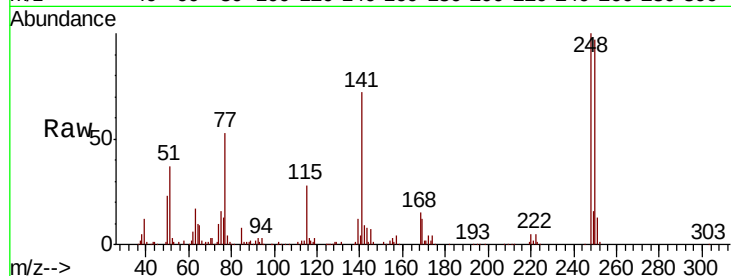
ClientSampleId :

OR-01-030719-AMS

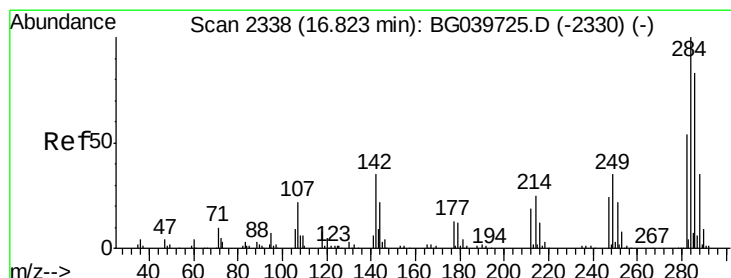
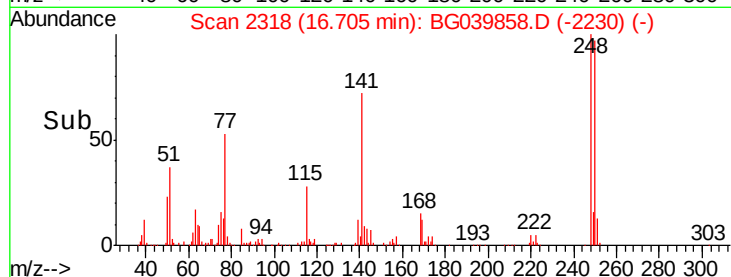
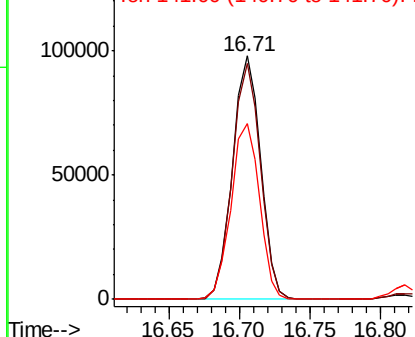
Tot Ion:	248	Resp:	136457
Ion Ratio	Lower	Upper	
248	100		
250	97.0	77.6	116.4
141	72.3	63.9	95.9

Manual Integrations
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.557 ng

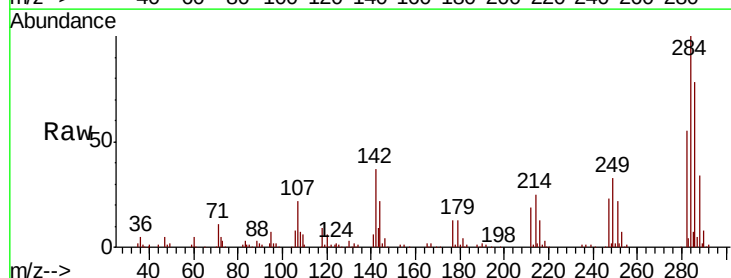
RT: 16.82 min Scan# 2337

Delta R.T. -0.01 min

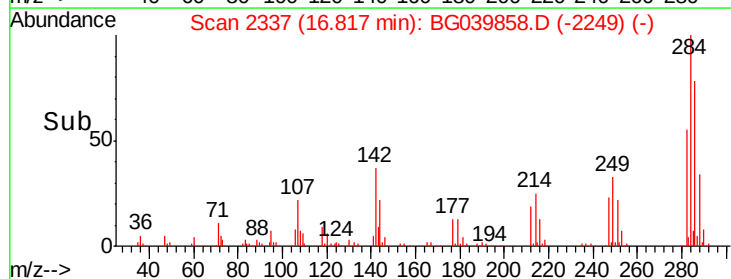
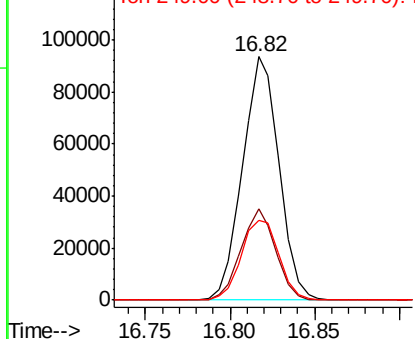
Lab File: BG039858.D

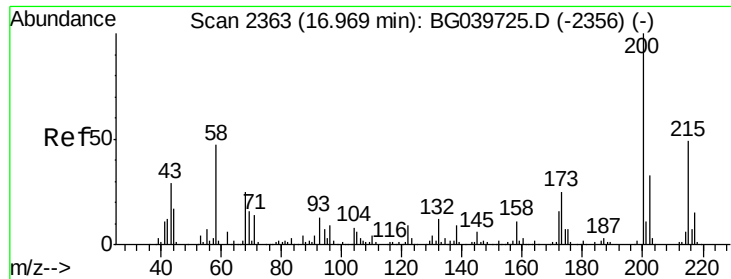
Acq: 12 Mar 2019 3:01

Tgt Ion:	284	Resp:	139949
Ion Ratio	Lower	Upper	
284	100		
142	37.3	30.6	45.8
249	32.8	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





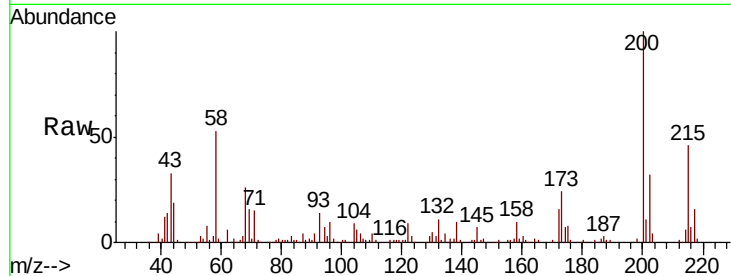
#69
 Atrazine
 Concen: 42.945 ng
 RT: 16.96 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-AMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	3.9	43.9
215	45.8	30.9	70.9

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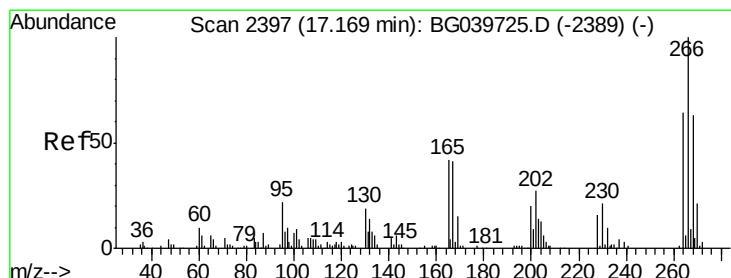
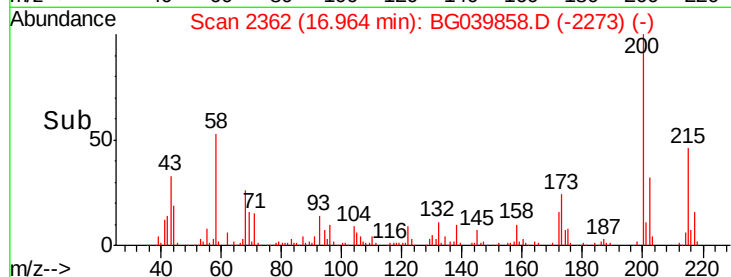
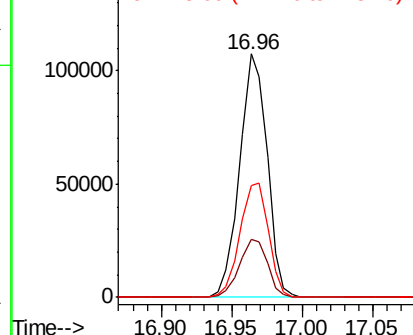


Abundance

Ion 200.00 (199.70 to 200.70): E

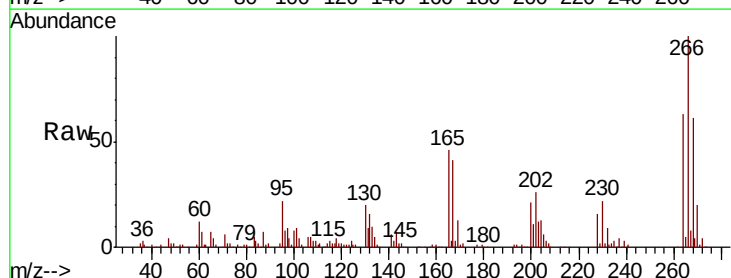
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 76.740 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	60.8	51.1	76.7
264	63.3	52.1	78.1

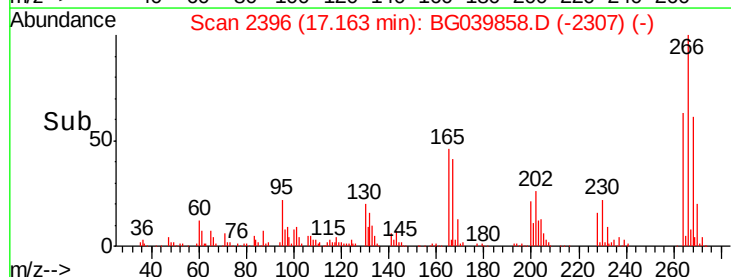
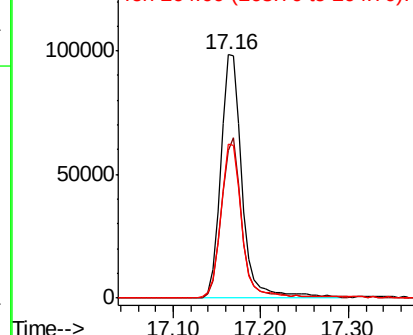


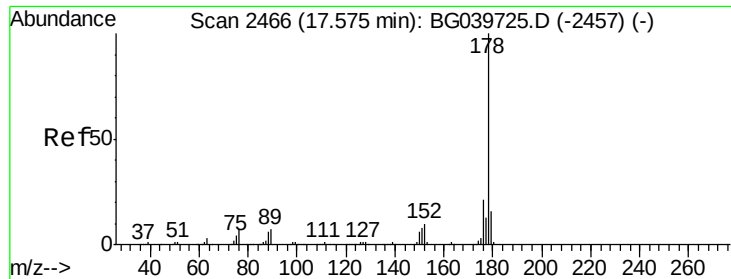
Abundance

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





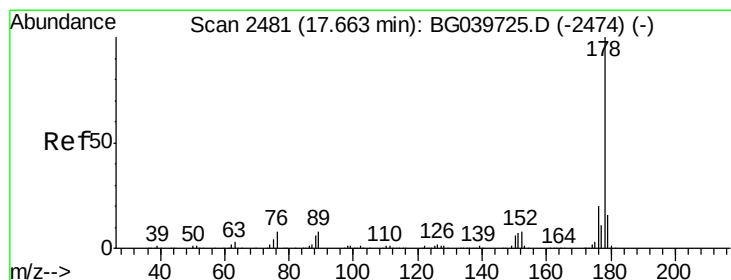
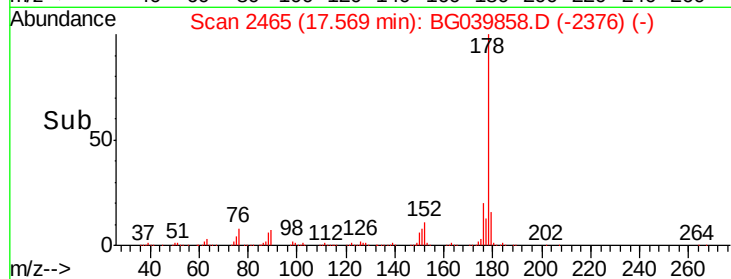
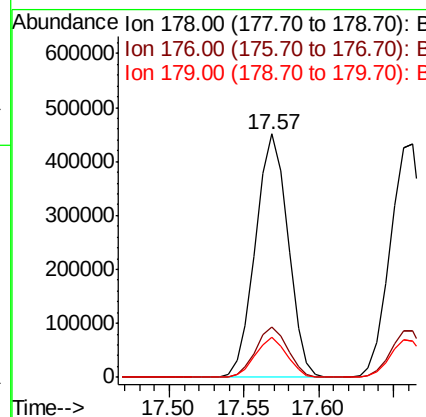
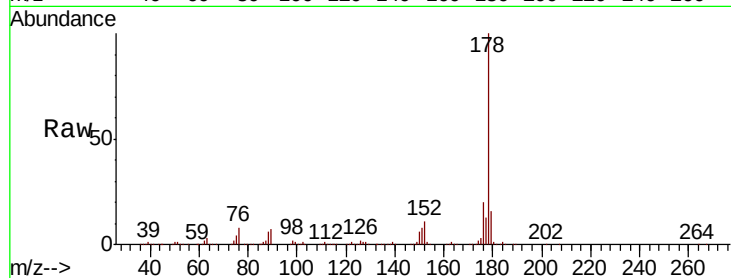
#71
Phenanthrene
Concen: 41.513 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.5	12.6	19.0

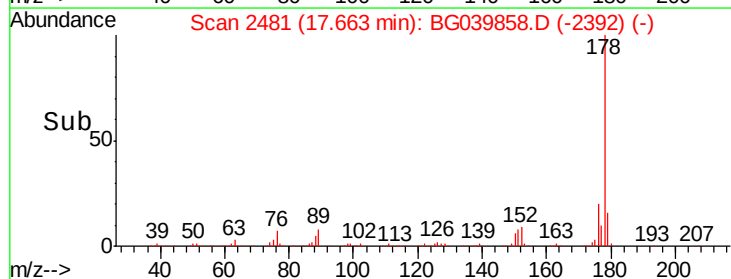
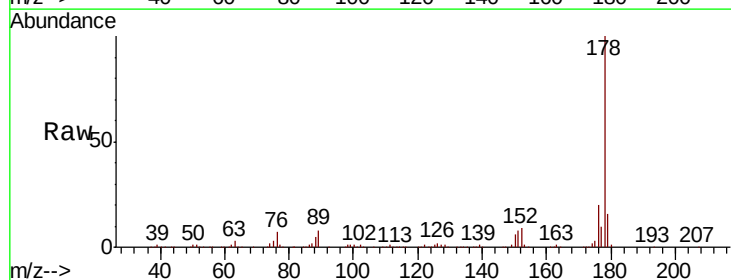
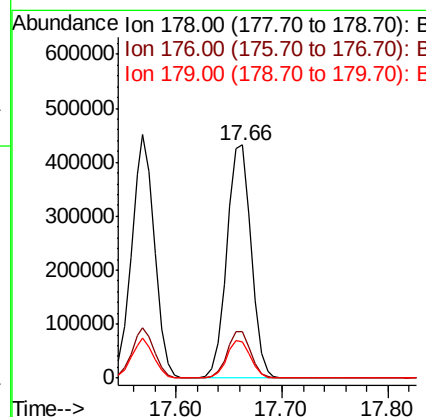
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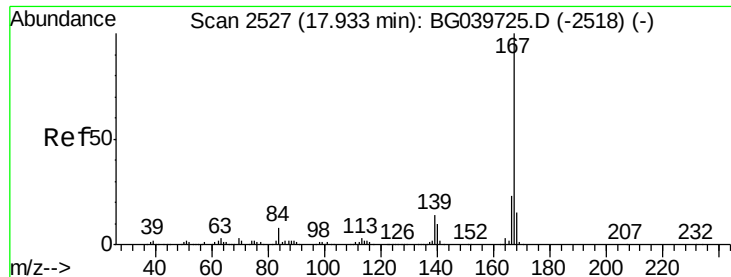
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#72
Anthracene
Concen: 43.018 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	15.7	12.5	18.7





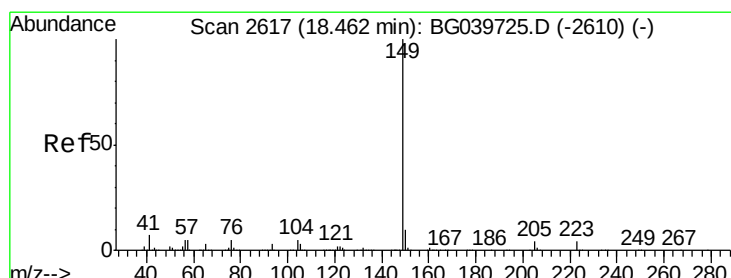
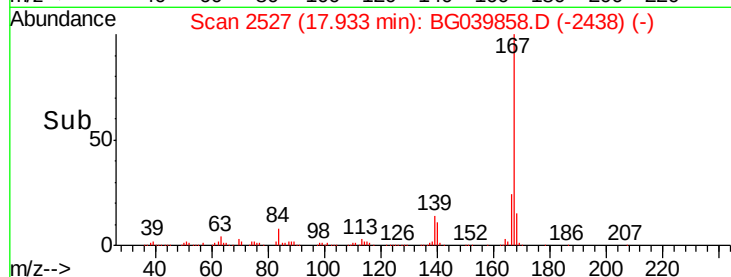
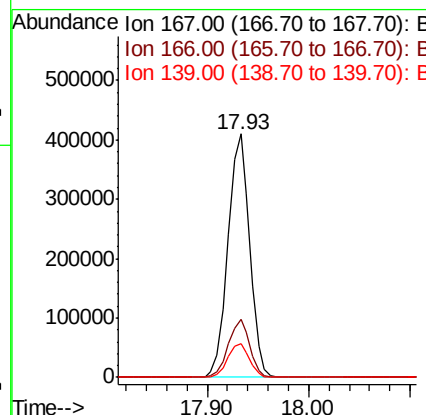
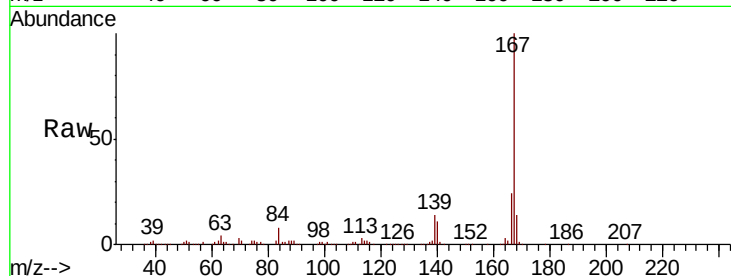
#73
 Carbazole
 Concen: 42.125 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	14.0	10.8	16.2

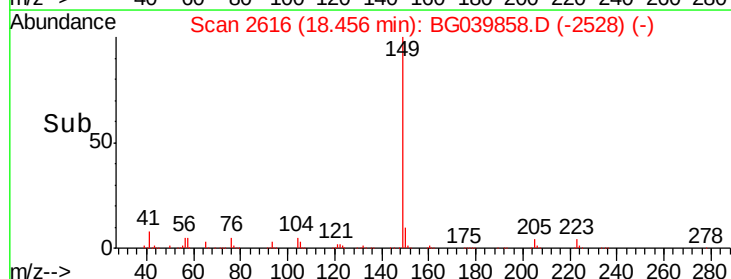
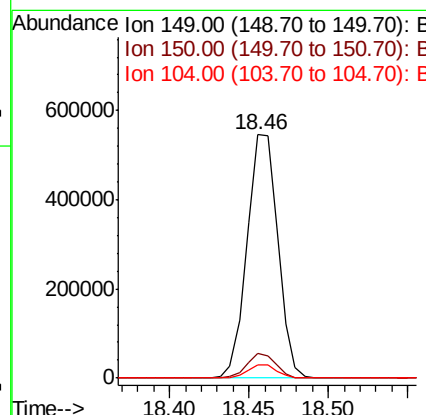
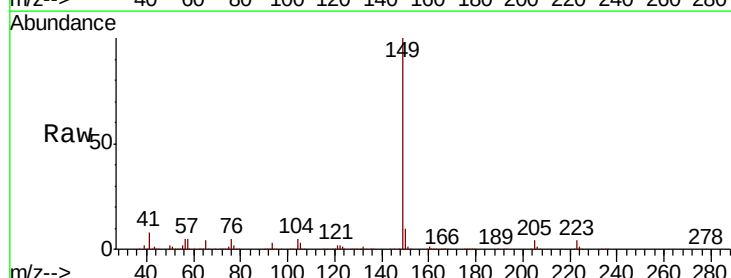
Manual Integrations
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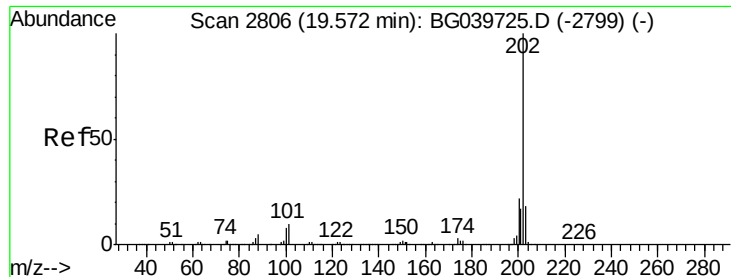
Sohil
 3/12/2019 4:42:29 PM



#74
 Di-n-butylphthalate
 Concen: 43.484 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039858.D
 Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 42.019 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

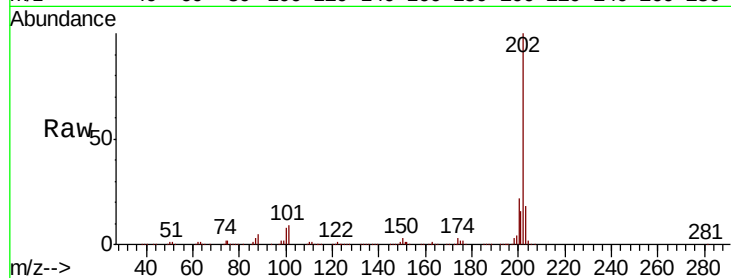
ClientSampleId :

OR-01-030719-AMS

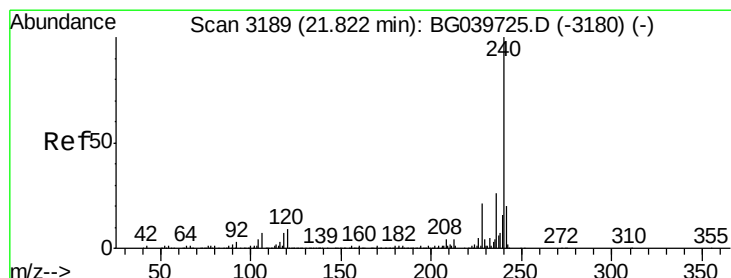
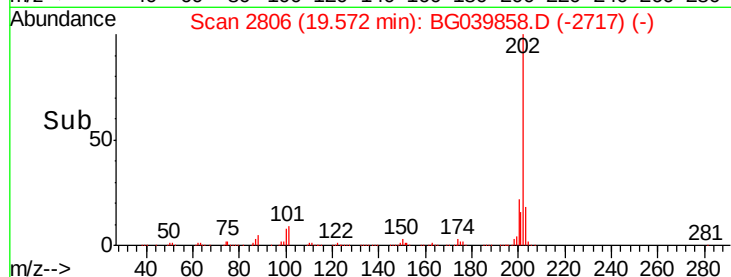
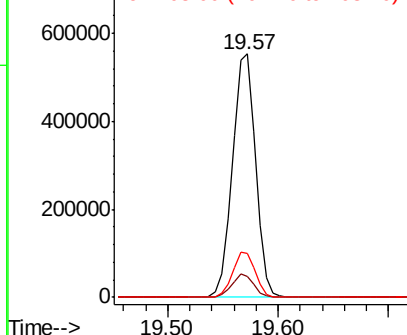
Tot Ion:	202	Resp:	813485
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	30.0
203	18.2	0.0	38.9

Manual Integrations
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Sohil
3/12/2019 4:42:29 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

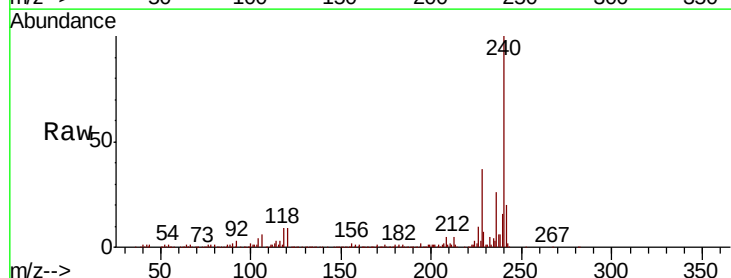
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

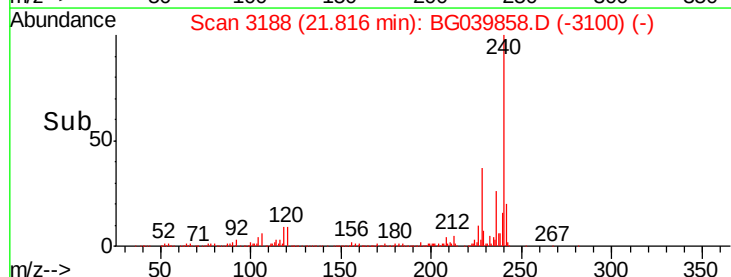
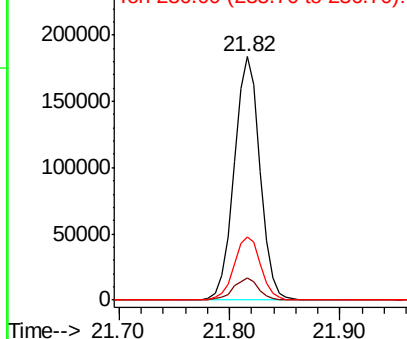
Lab File: BG039858.D

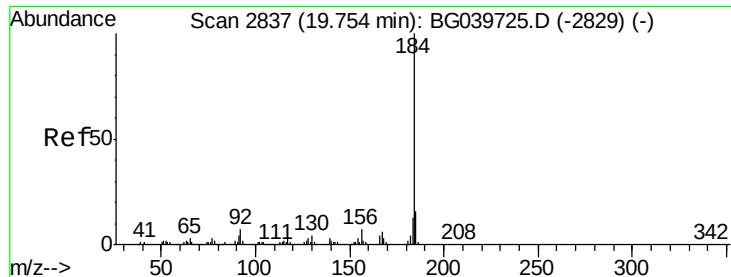
Acq: 12 Mar 2019 3:01

Tgt Ion:	240	Resp:	300594
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.0	10.6
236	26.0	21.0	31.4



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





#77

Benzidine

Concen: 2.544 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

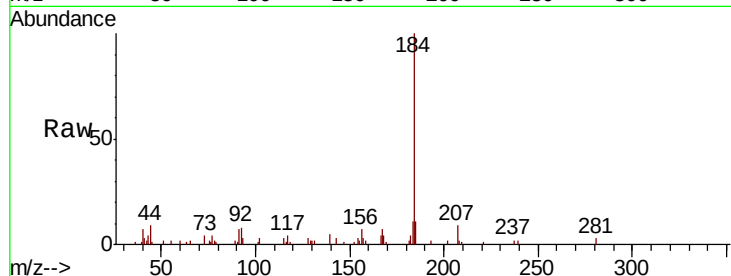
ClientSampleId :

OR-01-030719-AMS

Tot Ion:	184	Resp:	24271
Ion Ratio	Lower	Upper	
184	100		
185	11.4	12.2	18.2#
183	10.7	10.6	15.8

Manual Integrations
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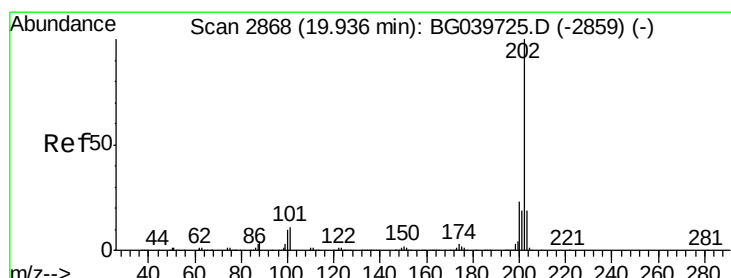
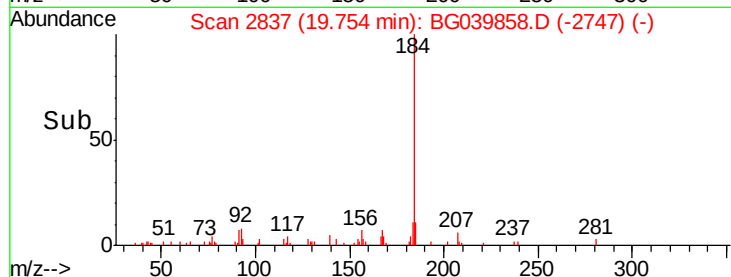
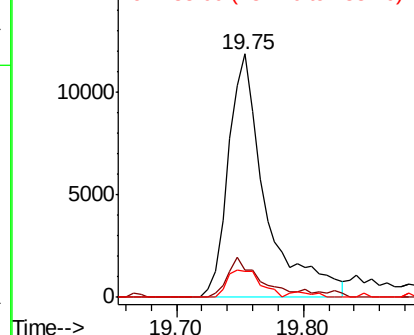


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.928 ng

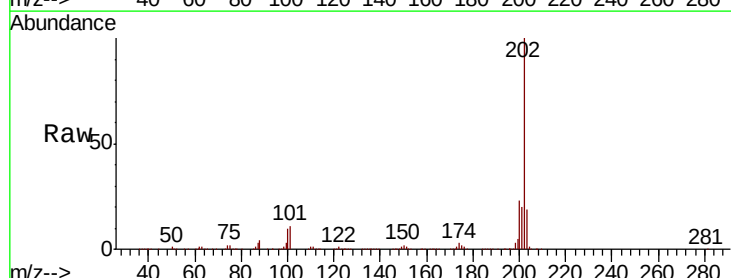
RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Tgt Ion:	202	Resp:	818961
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	18.9	15.3	22.9

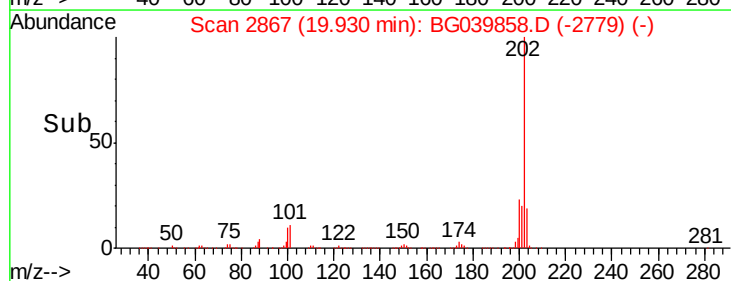
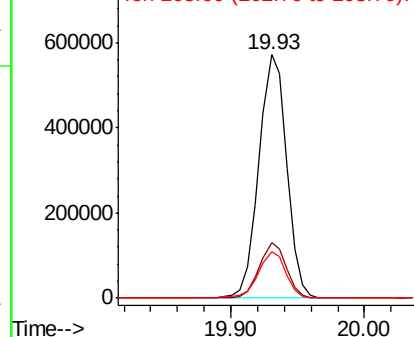


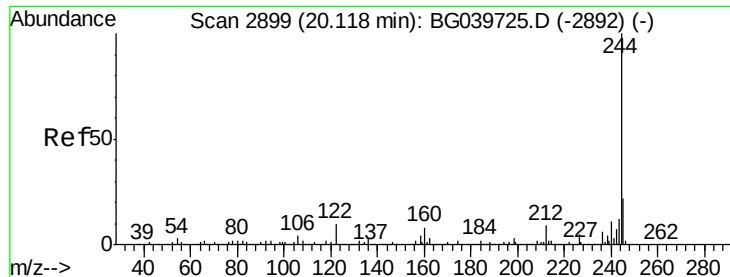
Abundance

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: 87.596 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

ClientSampleId :

OR-01-030719-AMS

Tot Ion:244 Resp: 1195872

Ion Ratio Lower Upper

244 100

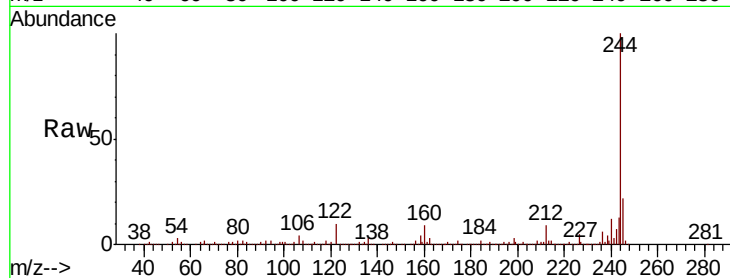
212 9.3 7.3 10.9

122 9.7 8.4 12.6

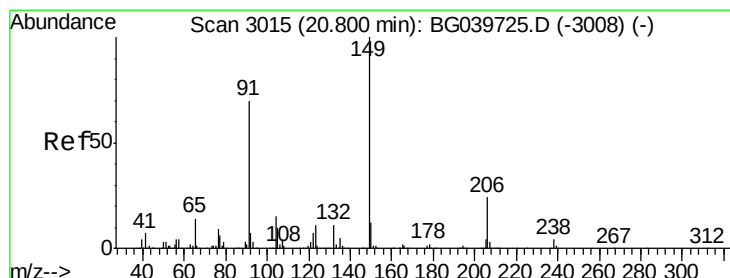
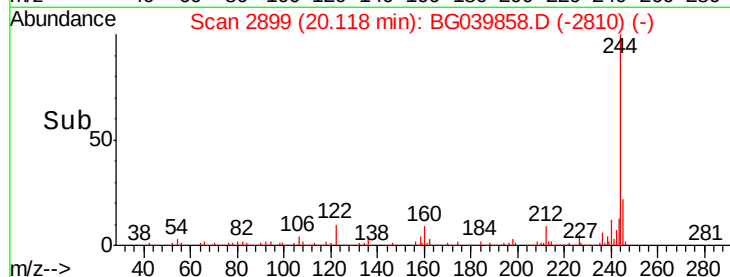
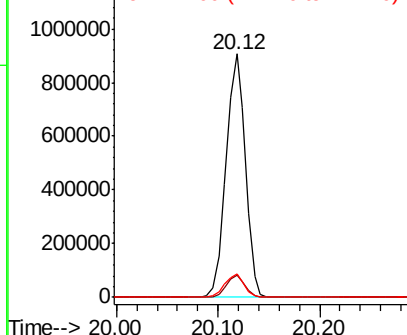
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.960 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

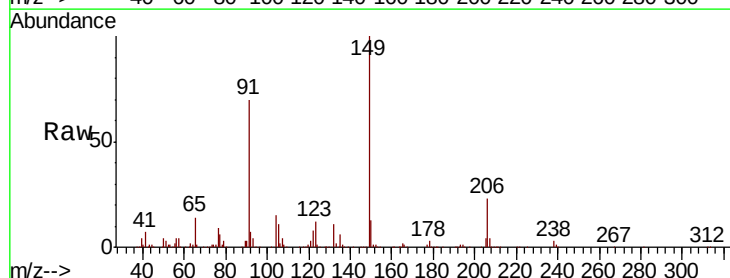
Tgt Ion:149 Resp: 340233

Ion Ratio Lower Upper

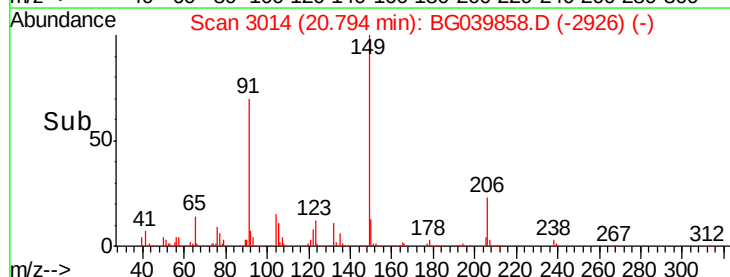
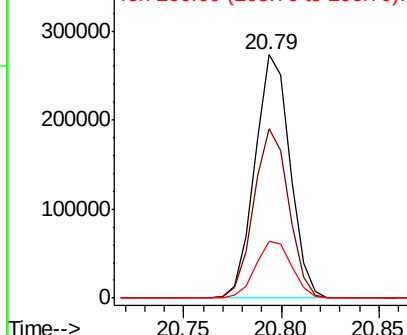
149 100

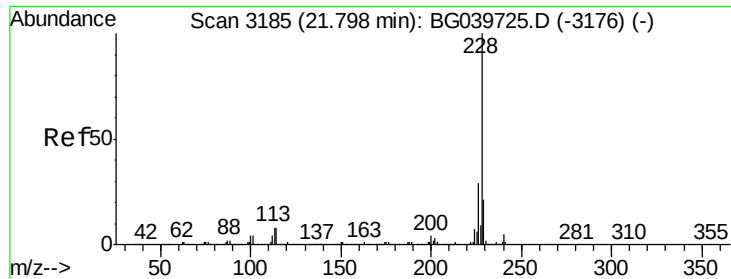
91 69.7 59.5 89.3

206 23.4 18.6 27.8



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





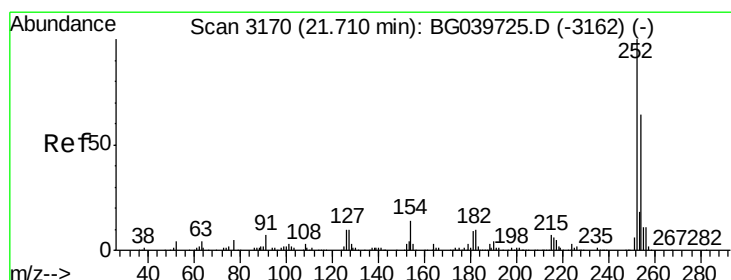
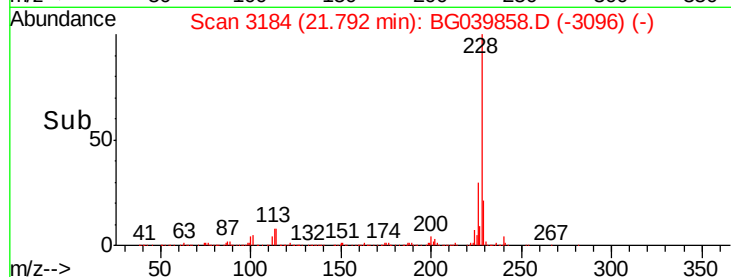
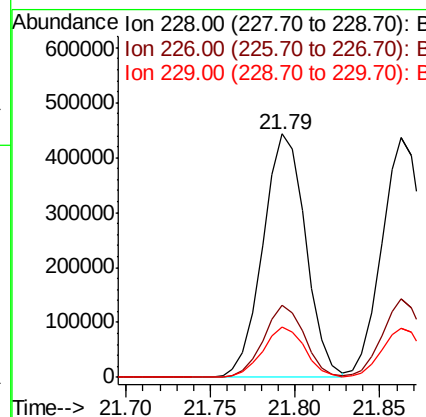
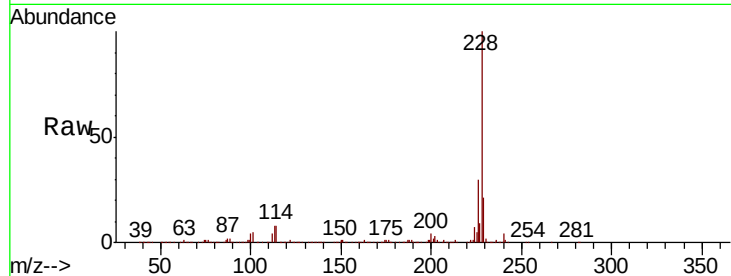
#81
Benzo(a)anthracene
Concen: 41.381 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.6
229	20.7	16.9	25.3

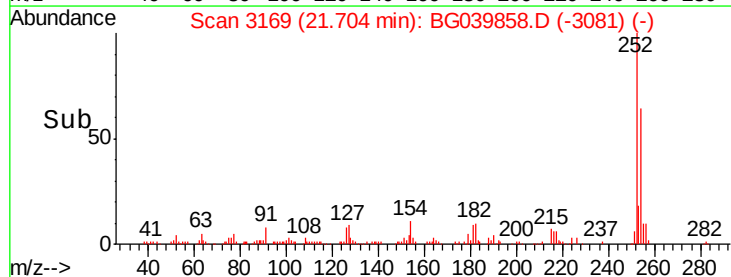
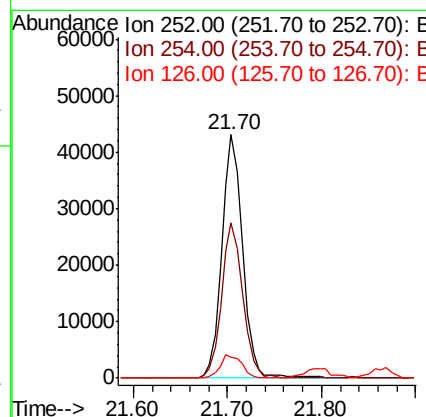
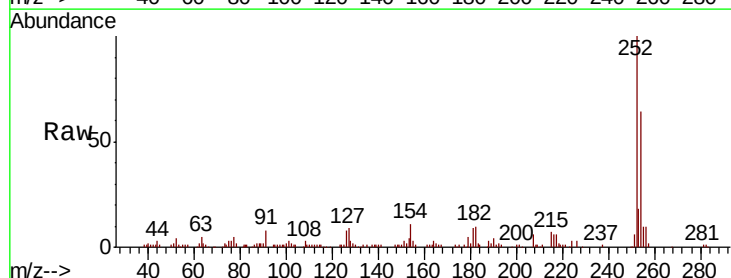
Manual Integrations
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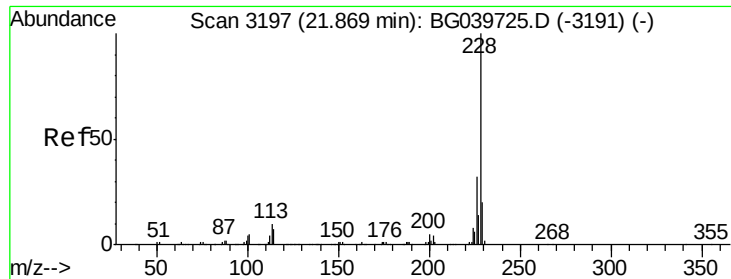
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 9.695 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	8.5	8.0	12.0





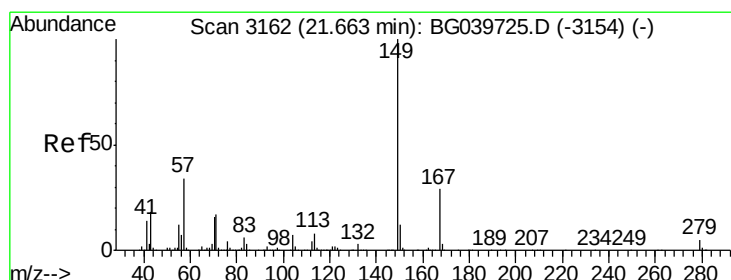
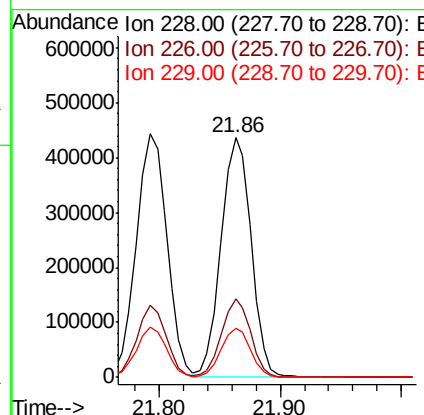
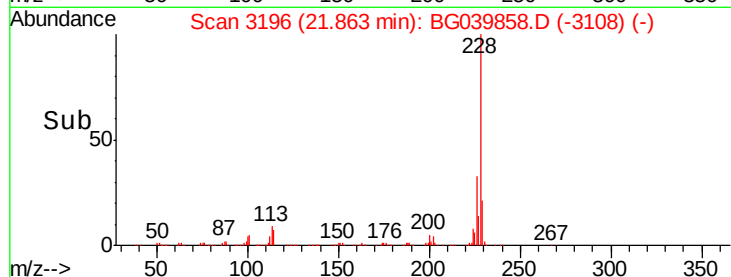
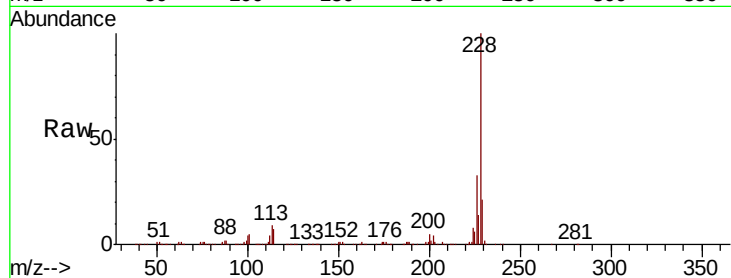
#83
Chrysene
Concen: 41.056 ng
RT: 21.86 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.8	38.6
229	20.7	16.6	25.0

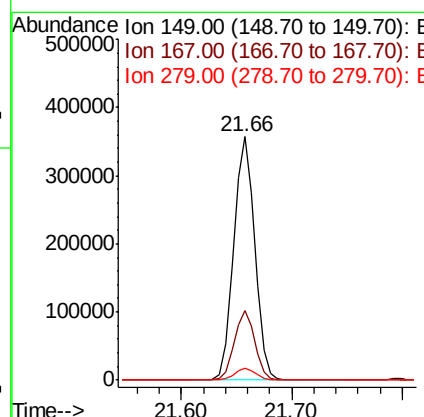
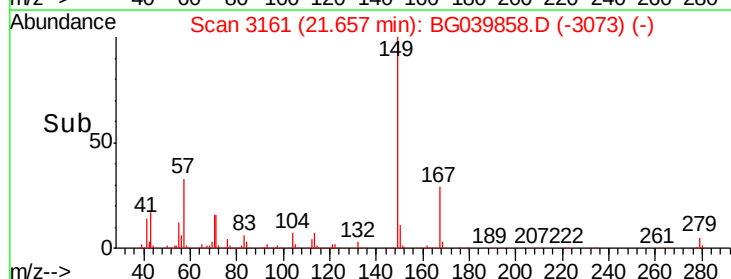
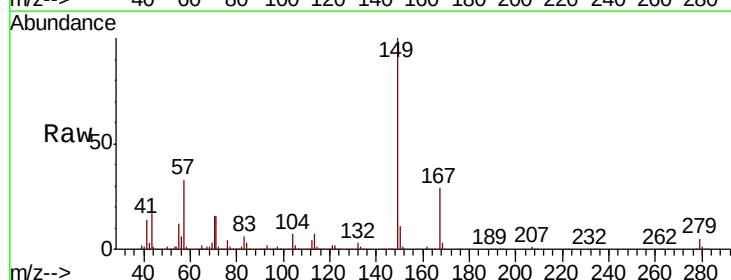
Manual Integrations
APPROVED

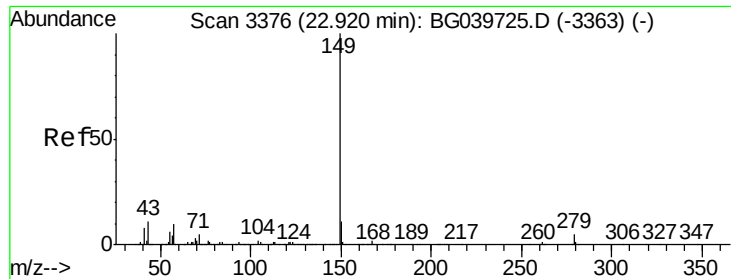
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.958 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	4.9	3.5	5.3





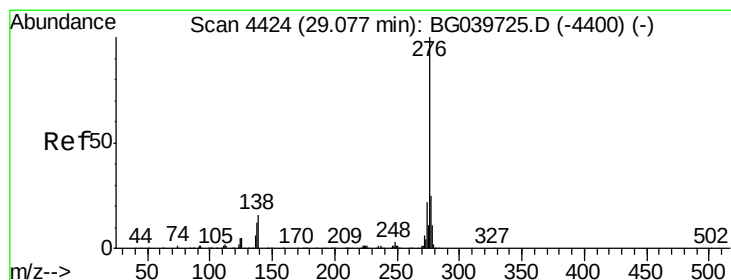
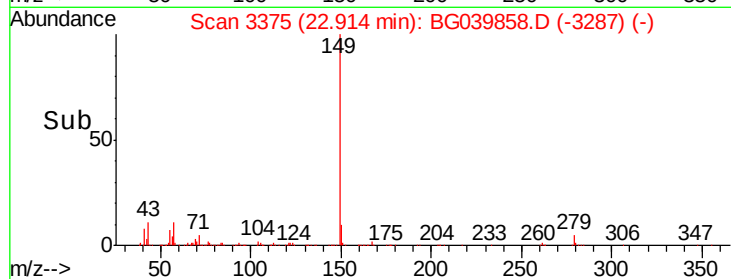
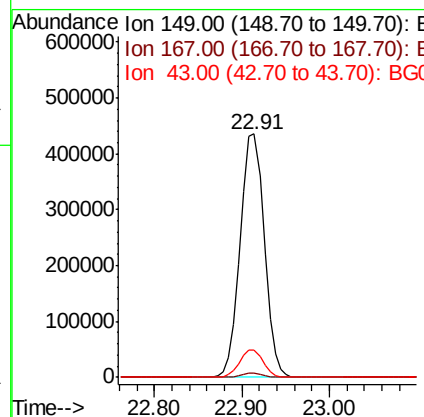
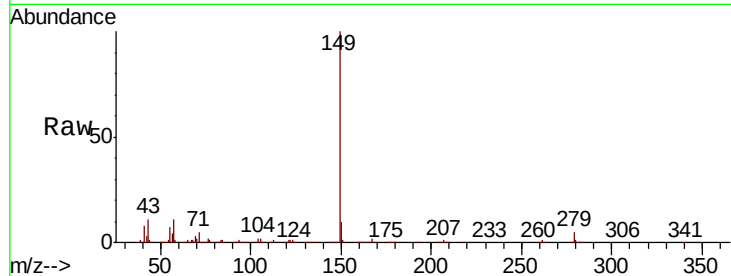
#85
Di-n-octyl phthalate
Concen: 45.980 ng
RT: 22.91 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	809613		
167	1.7		1.3	1.9
43	11.0		10.2	15.4

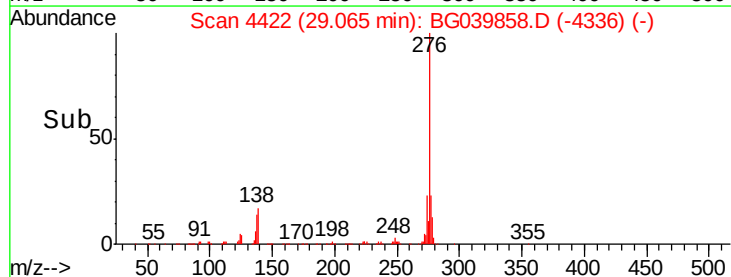
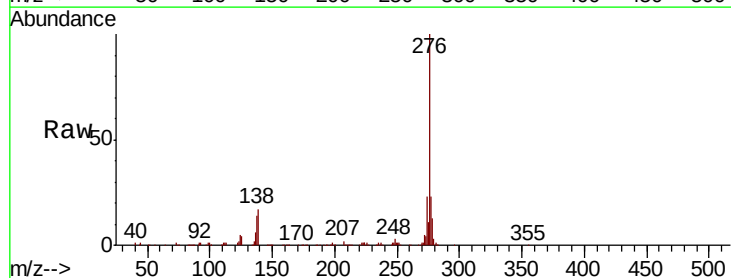
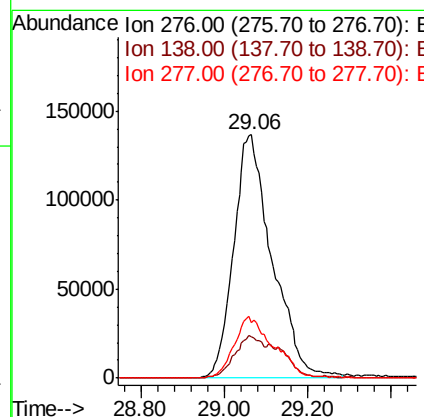
Manual Integrations
APPROVED

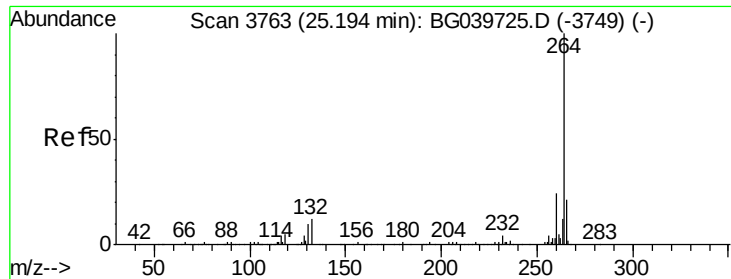
Sohil
3/12/2019 4:42:29 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.359 ng
RT: 29.06 min Scan# 4422
Delta R.T. -0.02 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	877666		
138	12.9		12.6	19.0
277	25.6		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

Instrument :

BNA_G

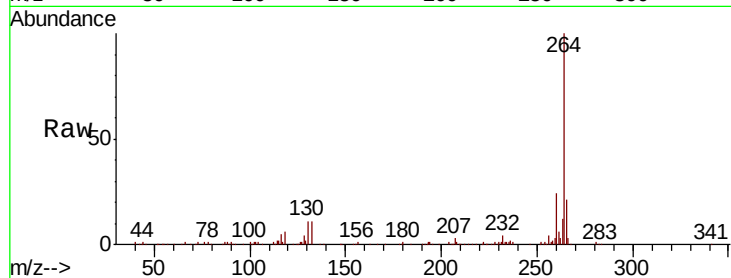
ClientSampleId :

OR-01-030719-AMS

Tot Ion:	264	Resp:	315754
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.4
265	20.9	18.5	27.7

Manual Integrations
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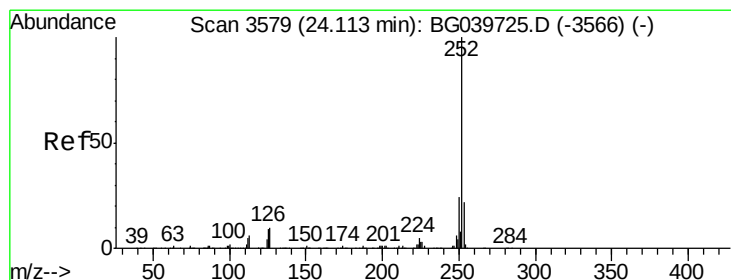
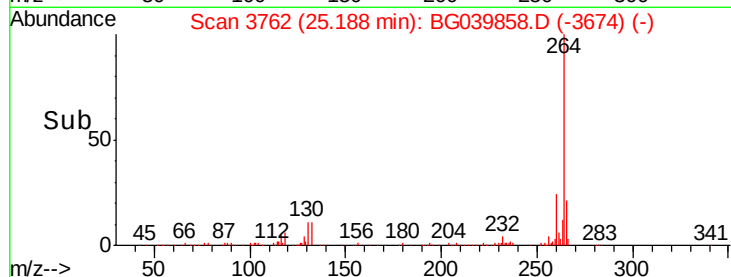
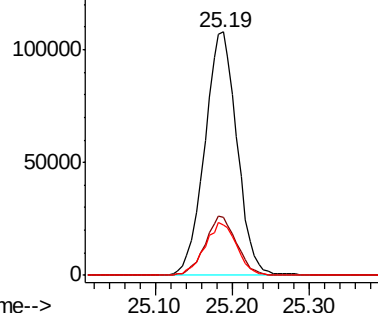


Abundance

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: 42.129 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039858.D

Acq: 12 Mar 2019 3:01

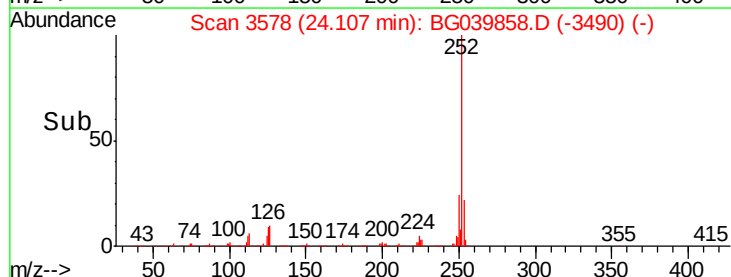
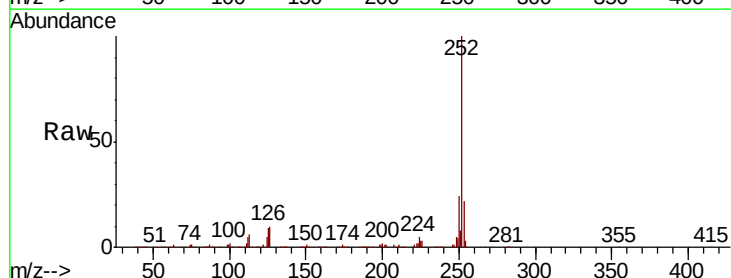
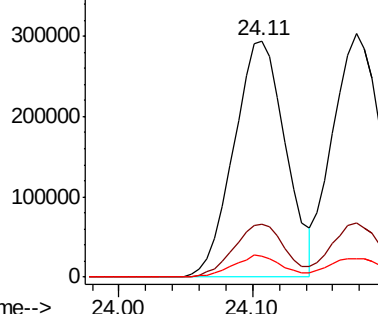
Tgt Ion:	252	Resp:	793242
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	8.7	7.8	11.6

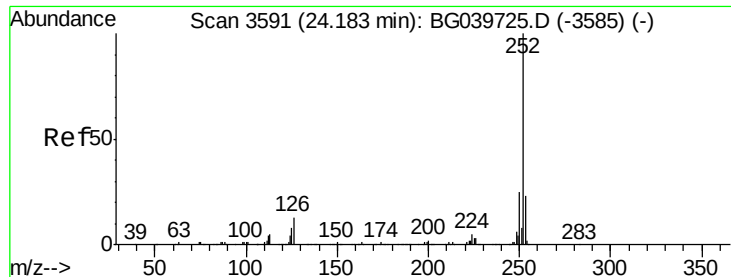
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





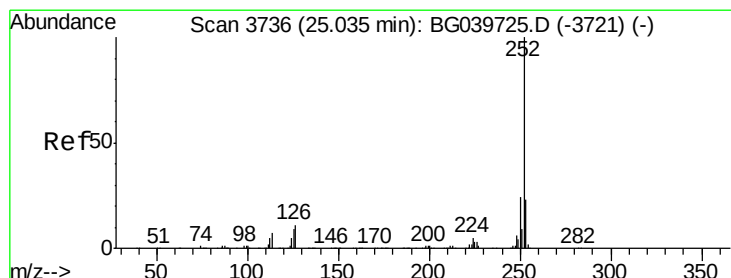
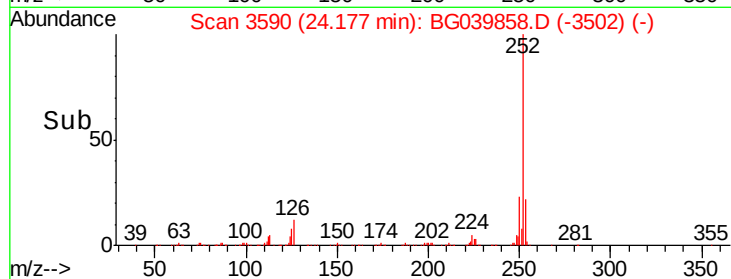
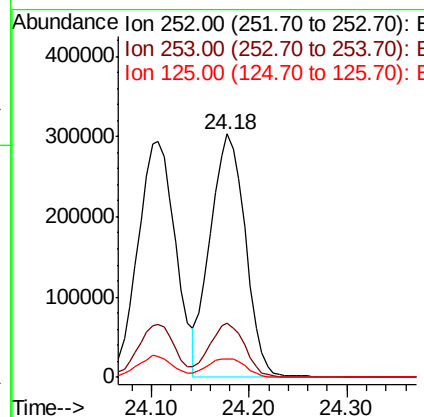
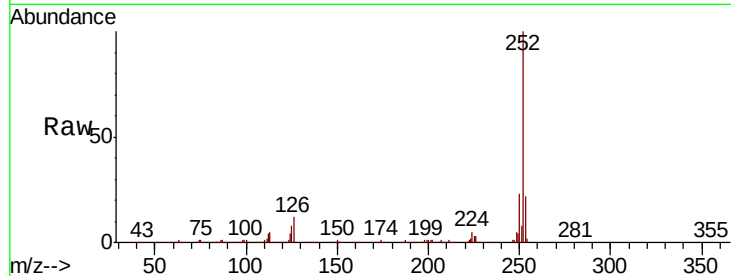
#89
Benzo(k)fluoranthene
Concen: 43.079 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.8	7.4	11.2

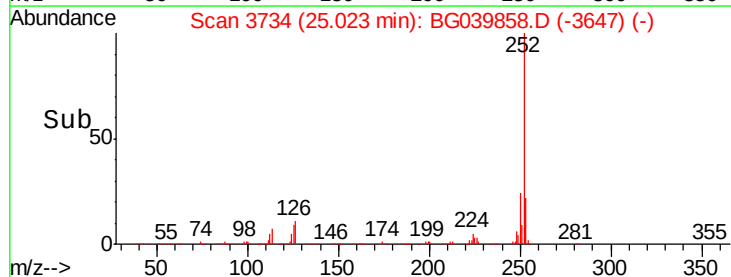
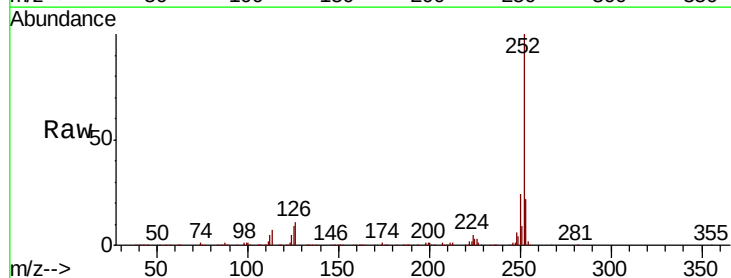
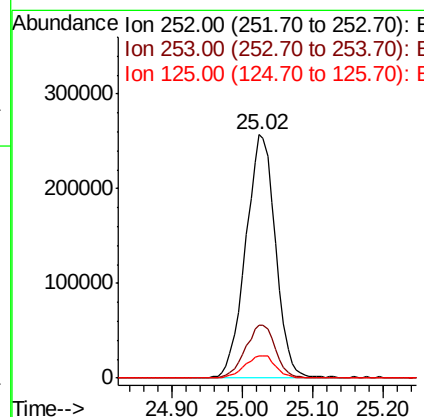
Manual Integrations
APPROVED

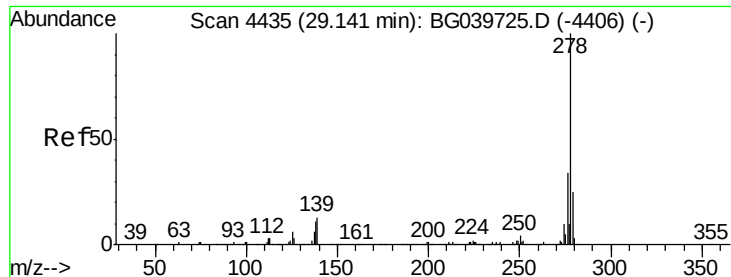
Sohil
3/12/2019 4:42:29 PM



#90
Benzo(a)pyrene
Concen: 43.398 ng
RT: 25.02 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.1	8.3	12.5





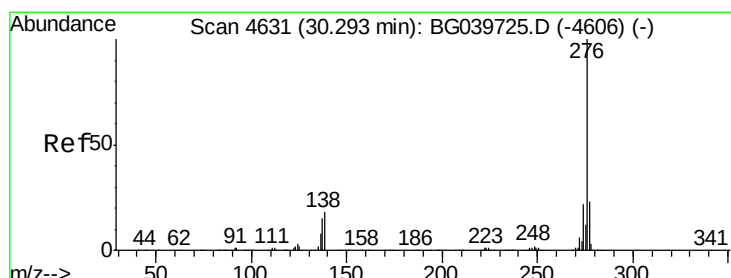
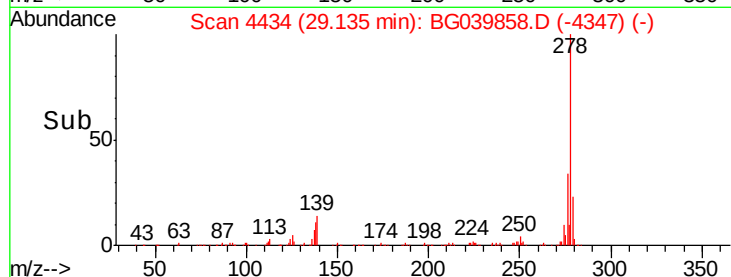
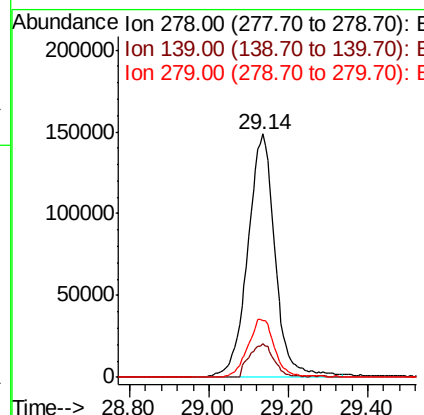
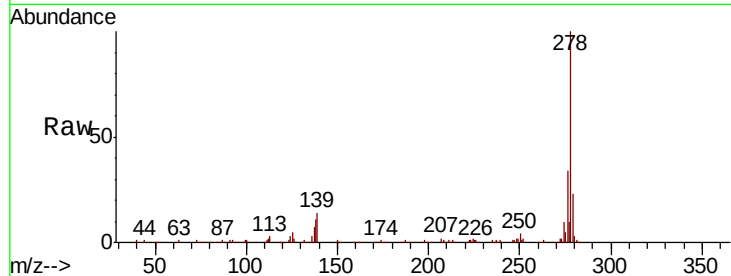
#91
Dibenzo(a,h)anthracene
Concen: 41.866 ng
RT: 29.14 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	23.4	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/12/2019 4:42:29 PM



#92
Benzo(g,h,i)perylene
Concen: 42.062 ng
RT: 30.28 min Scan# 4629
Delta R.T. -0.03 min
Lab File: BG039858.D
Acq: 12 Mar 2019 3:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	17.5	14.7	22.1

