

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039643.D
 Acq On : 27 Feb 2019 20:36
 Operator : JU/SJ
 Sample : K1348-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Manual Integrations
 APPROVED

Sohil
 2/28/2019 1:32:08 PM

Quant Time: Feb 28 01:29:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55053	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	225148	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	150099	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	369062	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	378403	20.00	ng	-0.02
87) Perylene-d12	25.21	264	395881	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	455547	141.62	ng	0.00
7) Phenol-d6	7.31	99	590379	124.69	ng	0.00
23) Nitrobenzene-d5	9.35	82	419080	116.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	270915	167.61	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	941714	90.00	ng	-0.02
79) Terphenyl-d14	20.13	244	1580287	88.40	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	50844	36.136	ng	# 26
3) Pyridine	4.02	79	125717	33.747	ng	97
4) n-Nitrosodimethylamine	3.93	42	74223	39.839	ng	82
6) Aniline	7.50	93	60295	10.167	ng	93
8) 2-Chlorophenol	7.73	128	157213	44.713	ng	93
9) Benzaldehyde	7.31	77	124737	61.496	ng	92
10) Phenol	7.34	94	180478	36.566	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	156567	40.144	ng	97
12) 1,3-Dichlorobenzene	8.05	146	170925	40.128	ng	94
13) 1,4-Dichlorobenzene	8.20	146	174897	41.196	ng	96
14) 1,2-Dichlorobenzene	8.52	146	166356	40.476	ng	98
15) Benzyl Alcohol	8.41	79	150194	40.405	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	302750	34.375	ng	98
17) 2-Methylphenol	8.60	107	134400	42.079	ng	97
18) Hexachloroethane	9.25	117	60813	41.635	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	124625	37.084	ng	94
20) 3+4-Methylphenols	8.93	107	184372	41.919	ng	97
22) Acetophenone	8.99	105	245038	40.517	ng	# 95
24) Nitrobenzene	9.39	77	190296	48.875	ng	97
25) Isophorone	9.90	82	358818	44.928	ng	98
26) 2-Nitrophenol	10.09	139	91034	56.444	ng	97
27) 2,4-Dimethylphenol	10.14	122	160475	49.672	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	218321	44.381	ng	97
29) 2,4-Dichlorophenol	10.63	162	170980	48.423	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	175242	44.206	ng	99
31) Naphthalene	11.04	128	506831	45.377	ng	99
32) Benzoic acid	10.22	122	10462m	13.037	ng	
33) 4-Chloroaniline	11.15	127	14027	2.708	ng	96
34) Hexachlorobutadiene	11.30	225	111932	42.458	ng	95
35) Caprolactam	11.93	113	46036	31.507	ng	89
36) 4-Chloro-3-methylphenol	12.25	107	181958	44.559	ng	95
37) 2-Methylnaphthalene	12.63	142	372552	45.034	ng	99
38) 1-Methylnaphthalene	12.85	142	356599	44.717	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	206390	43.217	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	230264	88.483	nq	97
43) 2,4,6-Trichlorophenol	13.23	196	142583	48.558	nq	100
44) 2,4,5-Trichlorophenol	13.30	196	156512	50.856	nq	96
46) 1,1'-Biphenyl	13.63	154	496105	39.725	nq	99
47) 2-Chloronaphthalene	13.68	162	391268	41.647	nq	99
48) 2-Nitroaniline	13.88	65	134306	49.460	nq	94
49) Acenaphthylene	14.52	152	632665	44.629	nq	99
50) Dimethylphthalate	14.24	163	521400	43.011	nq	99
51) 2,6-Dinitrotoluene	14.37	165	116624	51.000	nq	97
52) Acenaphthene	14.86	154	384808	41.818	nq	99
53) 3-Nitroaniline	14.70	138	16036	11.561	nq	# 82
54) 2,4-Dinitrophenol	14.90	184	28102	38.093	nq	96
55) Dibenzofuran	15.19	168	622665	42.203	nq	99
56) 4-Nitrophenol	15.00	139	157566	72.474	nq	89
57) 2,4-Dinitrotoluene	15.15	165	167347	56.087	nq	89
58) Fluorene	15.84	166	498135	45.291	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	150067	52.079	nq	97
60) Diethylphthalate	15.59	149	526110	41.975	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	260578	41.842	nq	98
62) 4-Nitroaniline	15.87	138	121302	47.742	nq	92
63) Azobenzene	16.11	77	479272	39.122	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	39458	31.879	nq	98
66) n-Nitrosodiphenylamine	16.04	169	465149	41.450	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	173161	42.293	nq	98
68) Hexachlorobenzene	16.83	284	182915	44.528	nq	97
69) Atrazine	16.98	200	172726	42.119	nq	98
70) Pentachlorophenol	17.17	266	127774	44.754	nq	98
71) Phenanthrene	17.58	178	857507	44.892	nq	99
72) Anthracene	17.67	178	866164	46.036	nq	98
73) Carbazole	17.94	167	768271	40.915	nq	99
74) Di-n-butylphthalate	18.47	149	926391	42.289	nq	99
75) Fluoranthene	19.58	202	1032268	46.560	nq	99
77) Benzidine	19.76	184	46312	3.733	nq	99
78) Pyrene	19.94	202	1045103	44.366	nq	99
80) Butylbenzylphthalate	20.81	149	439107	44.189	nq	97
81) Benzo(a)anthracene	21.81	228	1020752	45.652	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	74906	9.035	nq	99
83) Chrysene	21.88	228	952847	44.766	nq	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	613556	43.279	nq	99
85) Di-n-octyl phthalate	22.93	149	1044663	44.603	nq	95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1166836	51.094	nq	# 95
88) Benzo(b)fluoranthene	24.12	252	992430	45.968	nq	99
89) Benzo(k)fluoranthene	24.20	252	973523	44.914	nq	99
90) Benzo(a)pyrene	25.05	252	980428	47.153	nq	98
91) Dibenzo(a,h)anthracene	29.16	278	940551	48.303	nq	98
92) Benzo(g,h,i)perylene	30.32	276	954856	49.198	nq	98

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

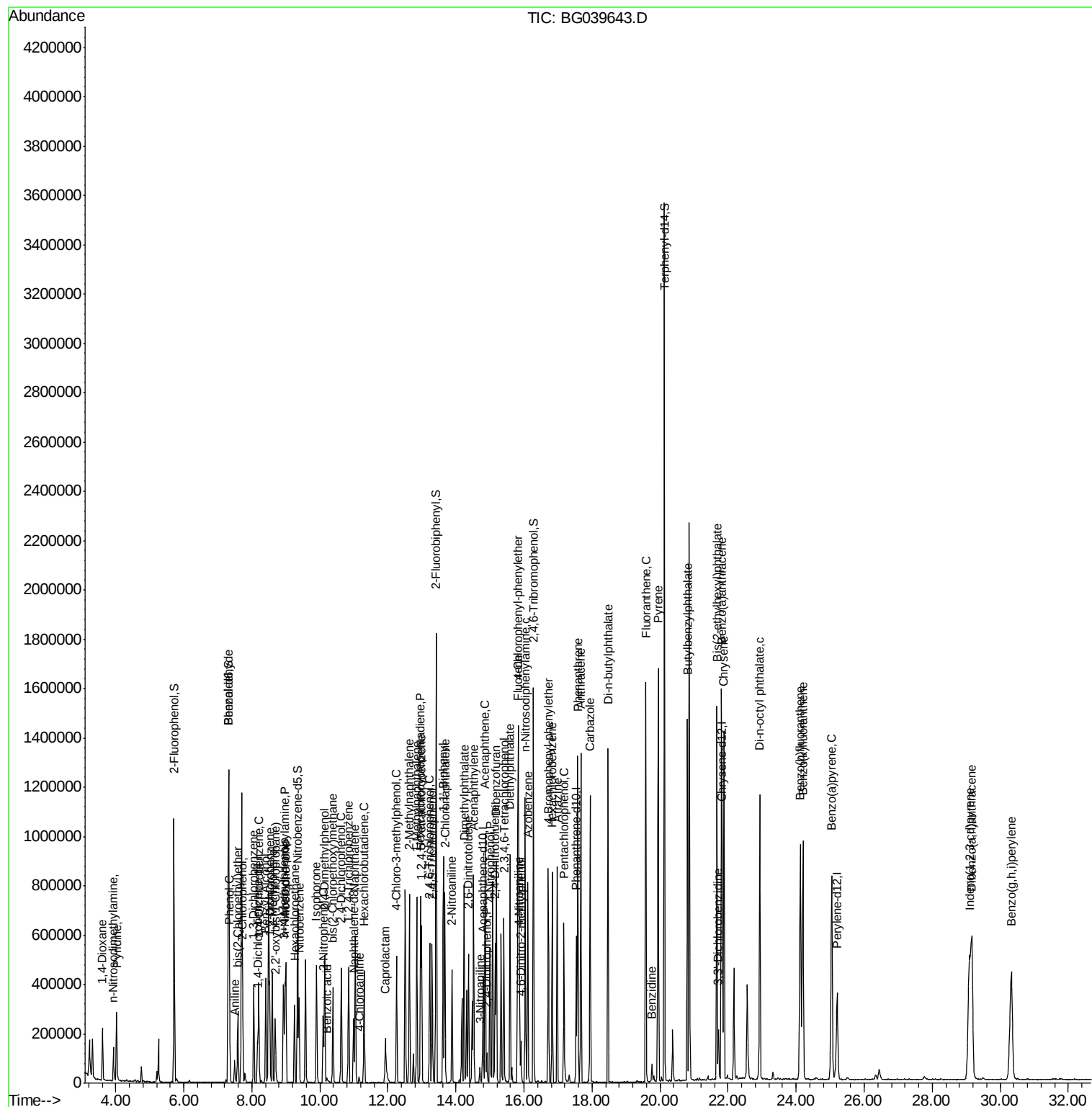
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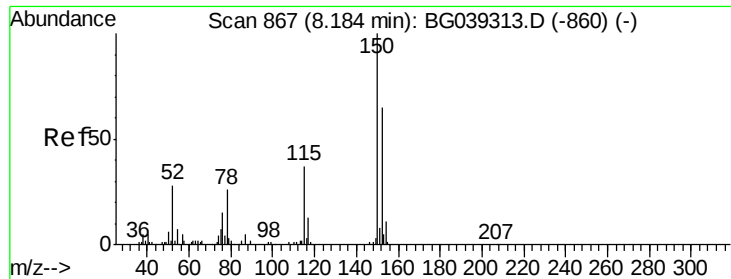
Instrument :
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ClientSampleId :
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#1

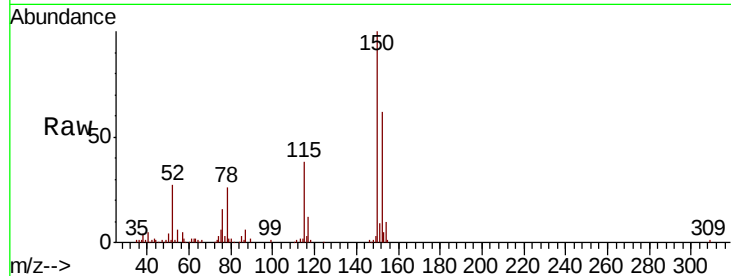
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	123.7	185.5
115	62.0	45.9	68.9

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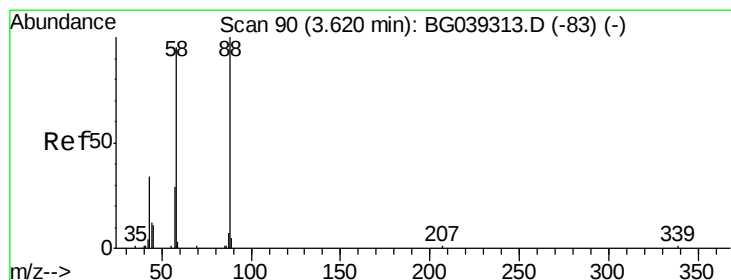
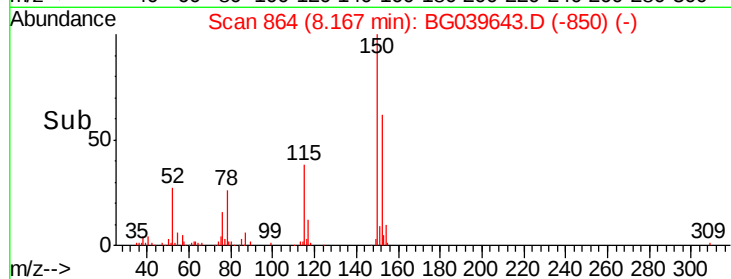
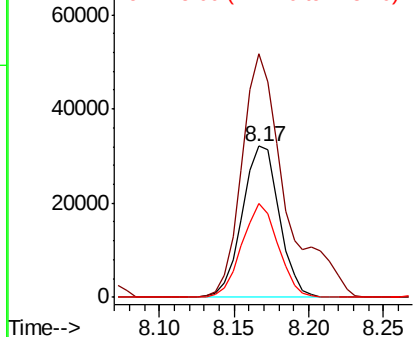


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

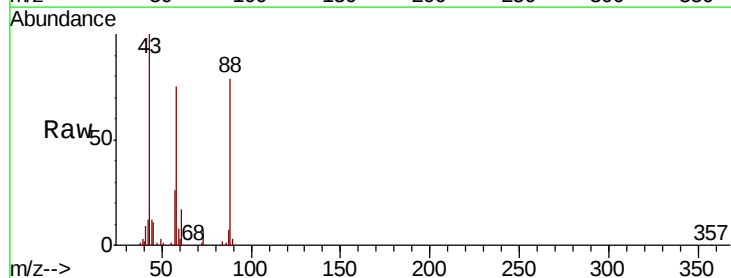
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.136 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	81.1	121.7
43	194.5	31.4	47.0#

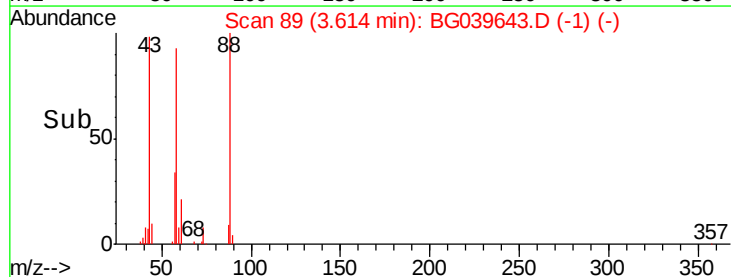
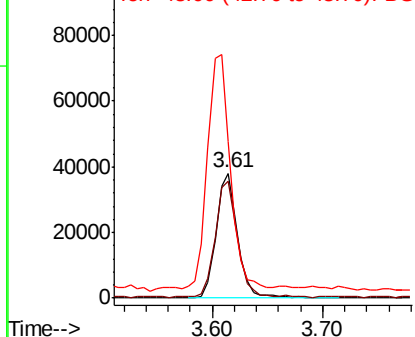


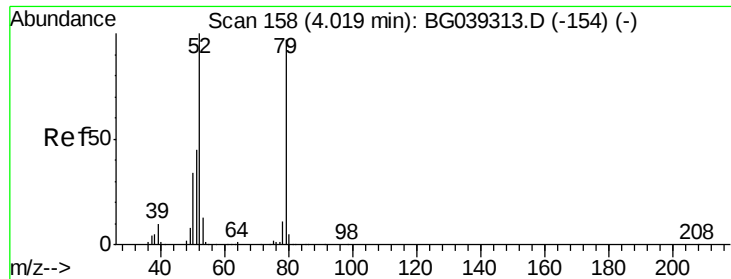
Abundance

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: 33.747 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.00 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

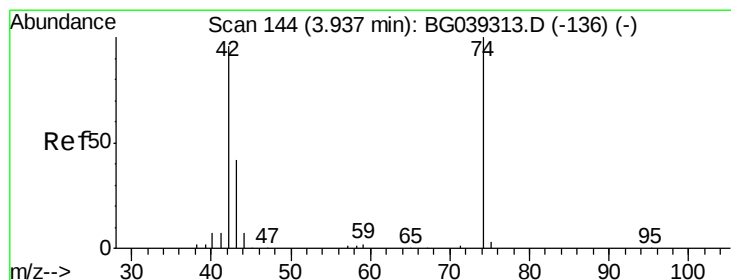
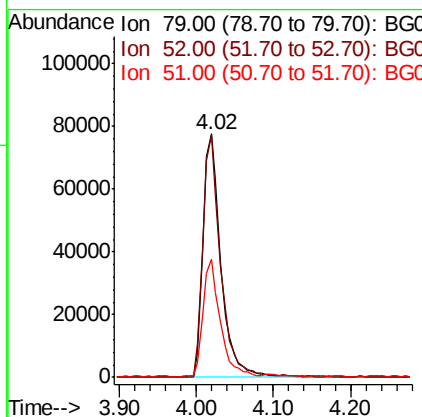
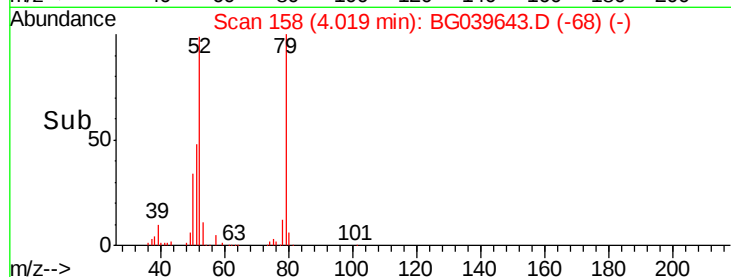
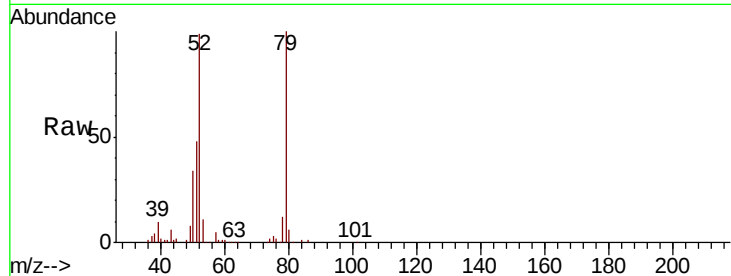
ClientSampled :

OK-02-022519MS

Tot Ion:	79	Resp:	125717
Ion Ratio	Lower	Upper	
79	100		
52	99.4	82.6	124.0
51	48.4	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 39.839 ng

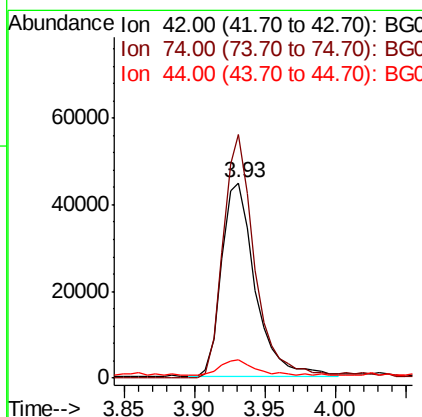
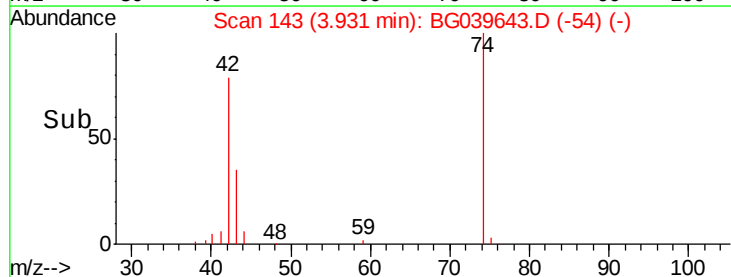
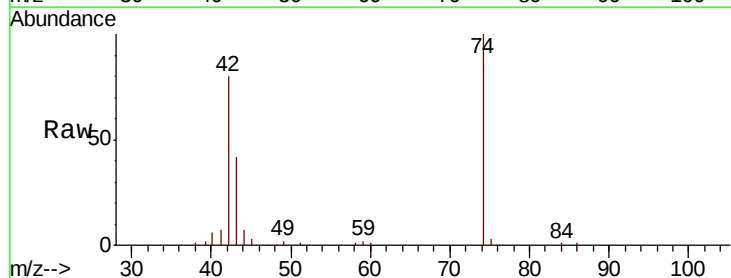
RT: 3.93 min Scan# 143

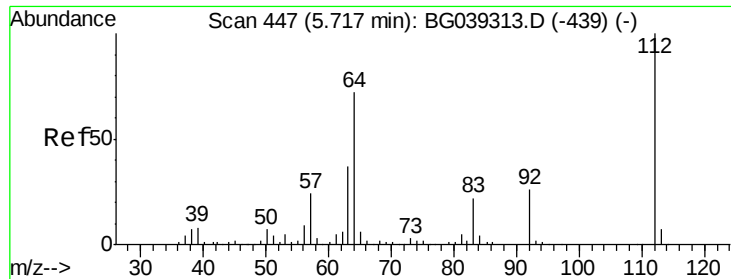
Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	42	Resp:	74223
Ion Ratio	Lower	Upper	
42	100		
74	124.9	83.6	125.4
44	9.2	6.9	10.3





#5

2-Fluorophenol

Concen: 141.622 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

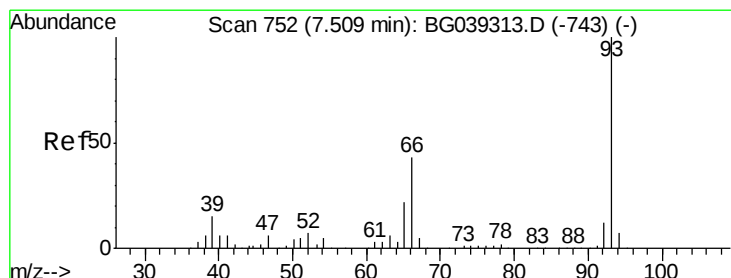
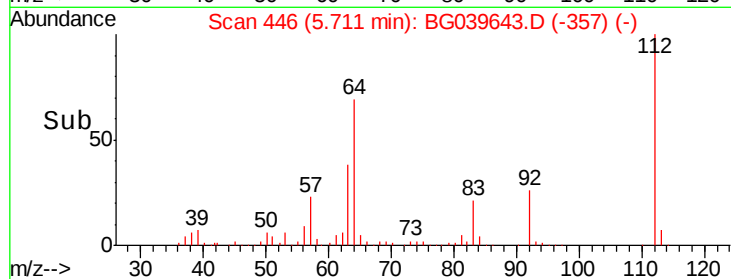
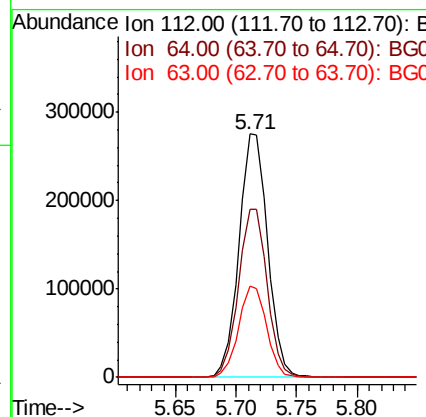
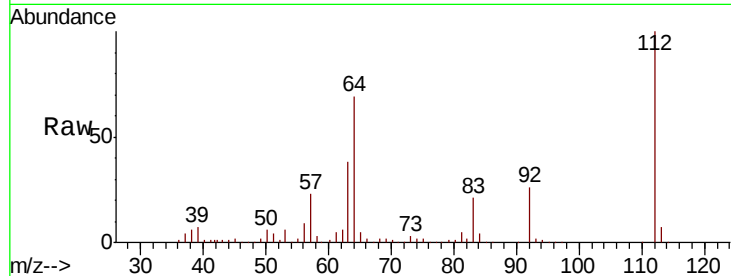
ClientSampleId :

OK-02-022519MS

Tot Ion:	112	Resp:	455547
Ion Ratio	Lower	Upper	
112	100		
64	69.0	57.8	86.8
63	37.7	29.8	44.6

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#6

Aniline

Concen: 10.167 ng

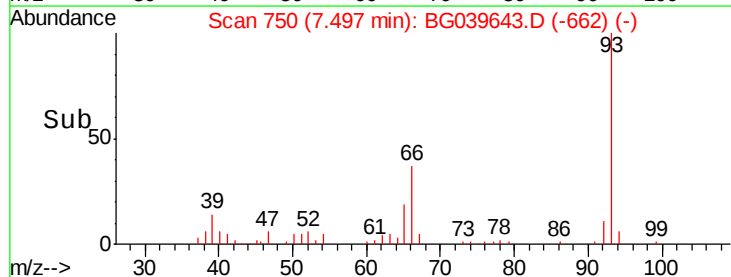
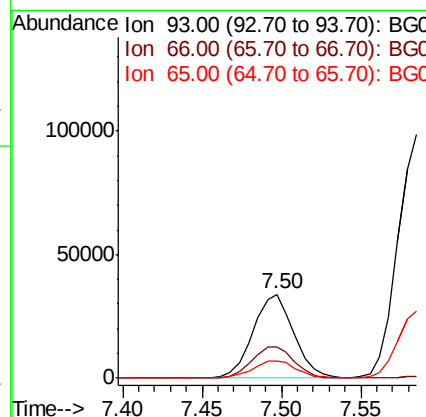
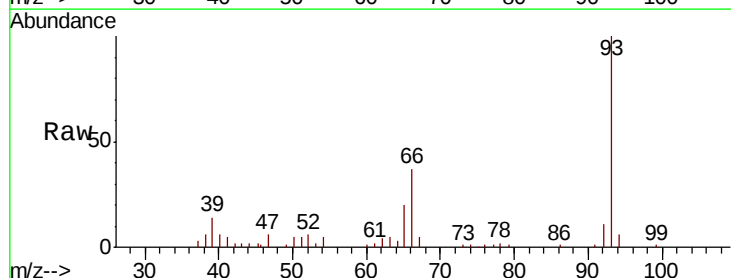
RT: 7.50 min Scan# 750

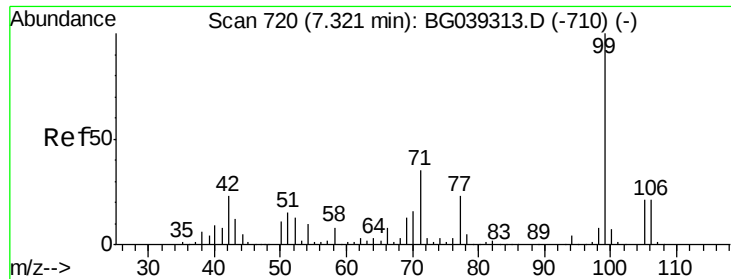
Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	93	Resp:	60295
Ion Ratio	Lower	Upper	
93	100		
66	37.2	34.2	51.4
65	19.9	17.7	26.5





#7

Phenol-d6

Concen: 124.689 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

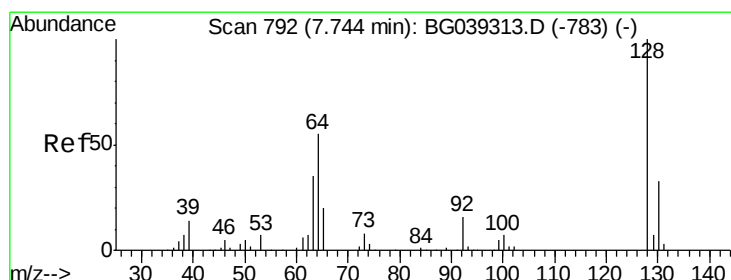
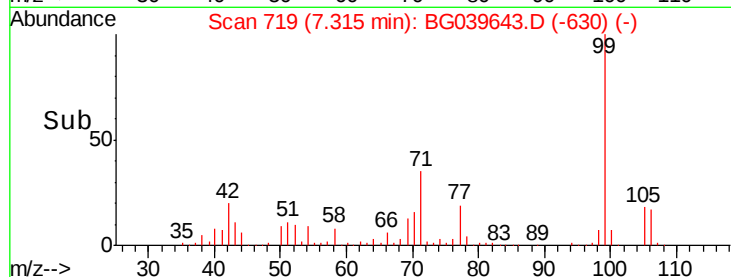
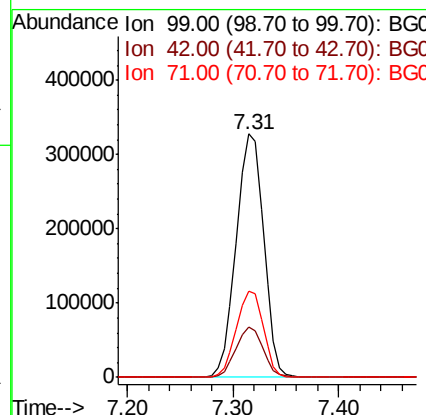
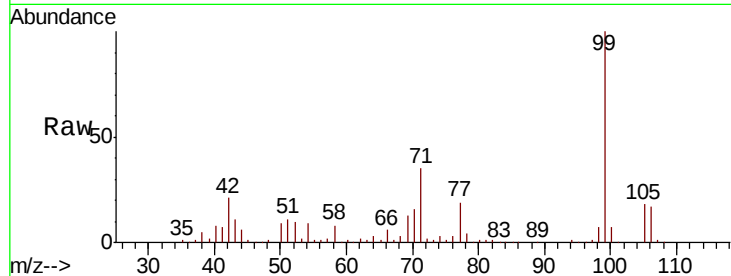
ClientSampleId :

OK-02-022519MS

Tot Ion:	99	Resp:	590379
Ion Ratio	Lower	Upper	
99	100		
42	20.5	18.2	27.2
71	35.5	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.713 ng

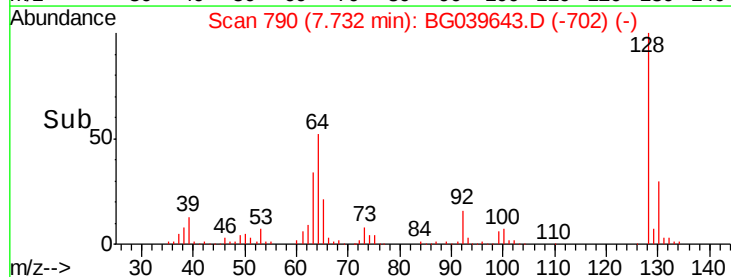
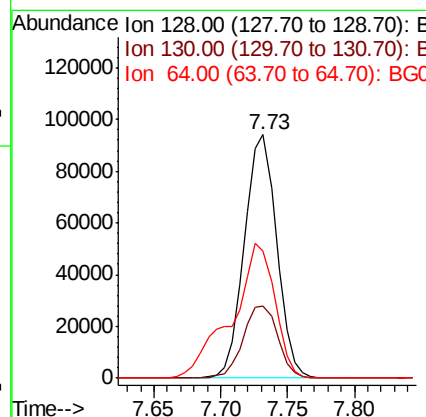
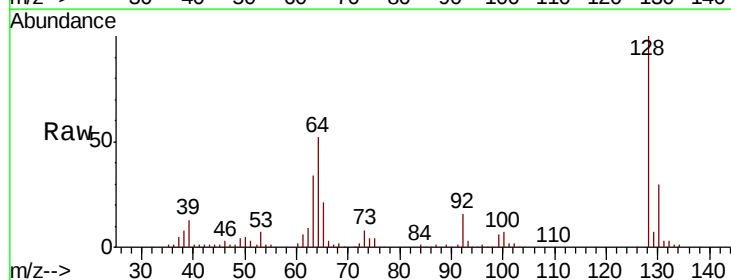
RT: 7.73 min Scan# 790

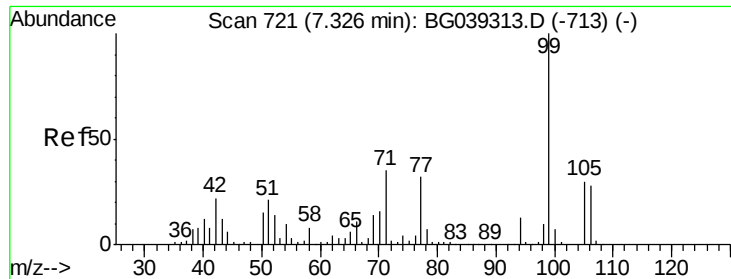
Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	128	Resp:	157213
Ion Ratio	Lower	Upper	
128	100		
130	29.8	12.9	52.9
64	52.4	38.7	78.7





#9

Benzaldehyde

Concen: 61.496 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

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BNA_G

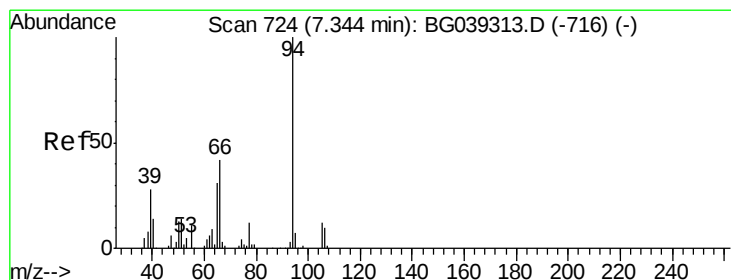
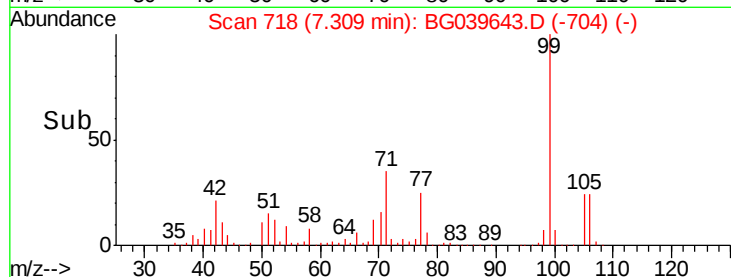
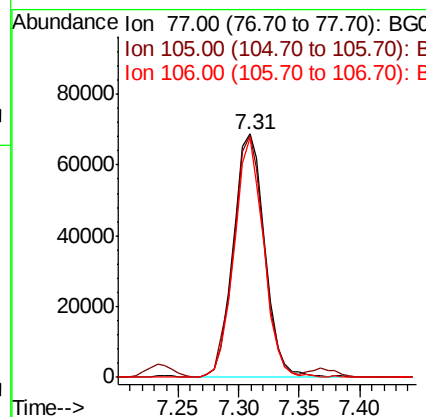
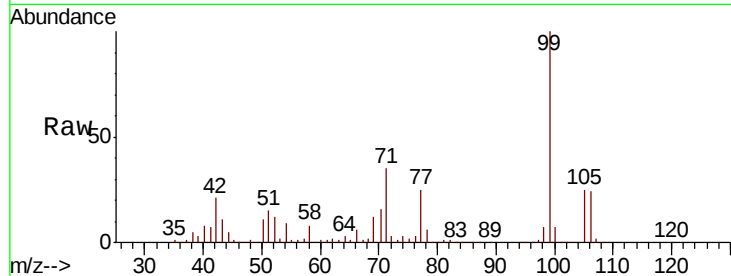
ClientSampleId :

OK-02-022519MS

Tot Ion:	77	Resp:	124737
Ion Ratio	Lower	Upper	
77	100		
105	99.6	74.5	114.5
106	98.5	68.0	108.0

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#10

Phenol

Concen: 36.566 ng

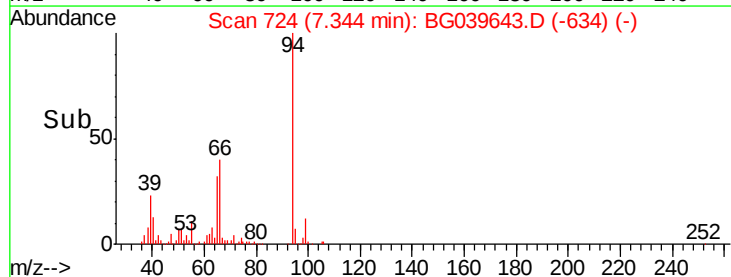
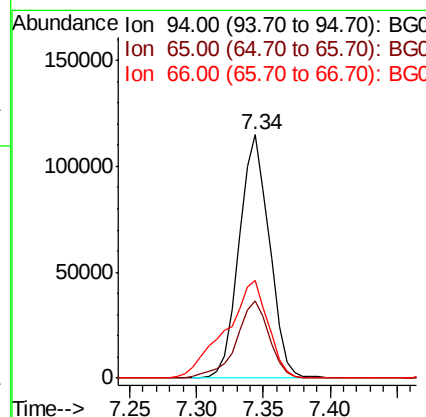
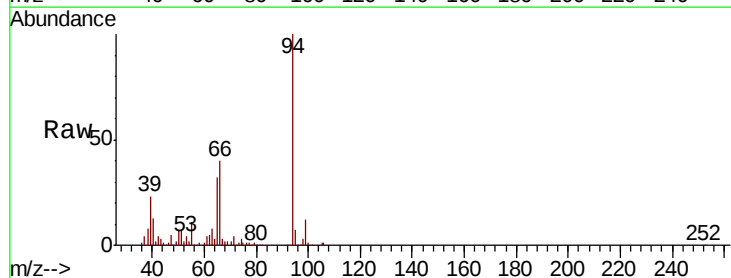
RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	94	Resp:	180478
Ion Ratio	Lower	Upper	
94	100		
65	31.6	11.7	51.7
66	40.3	23.7	63.7





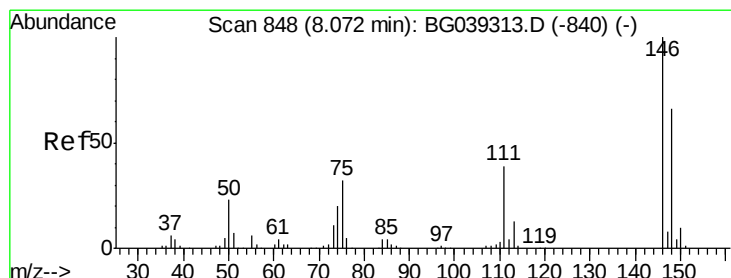
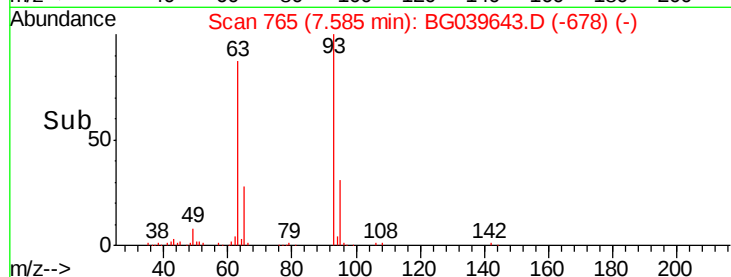
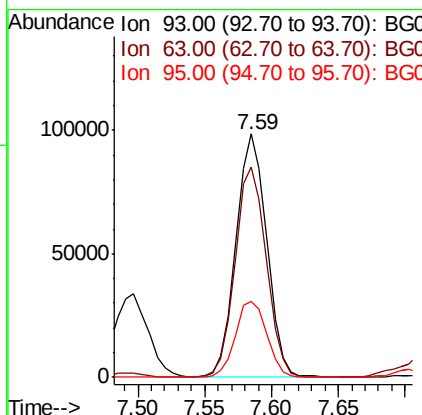
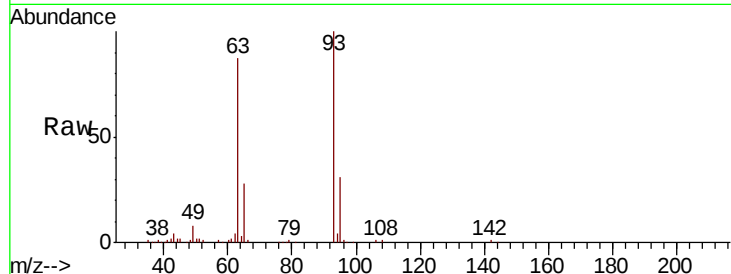
#11
bis(2-Chloroethyl)ether
Concen: 40.144 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampled :
OK-02-022519MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	86.6	69.5	109.5	
95	31.0	12.7	52.7	

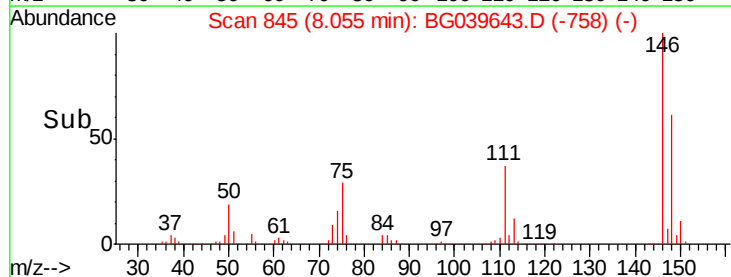
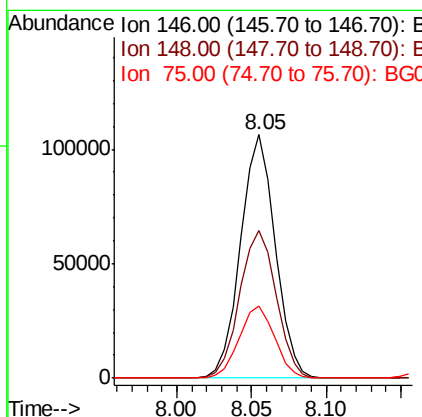
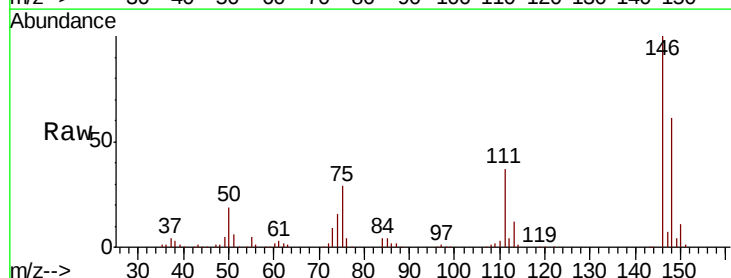
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#12
1,3-Dichlorobenzene
Concen: 40.128 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	60.8	52.6	79.0	
75	29.4	25.8	38.6	





#13

1,4-Dichlorobenzene

Concen: 41.196 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

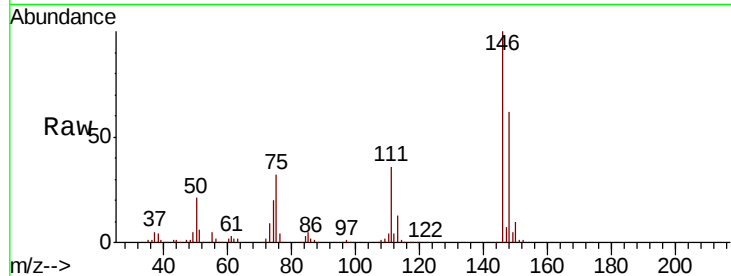
ClientSampleId :

OK-02-022519MS

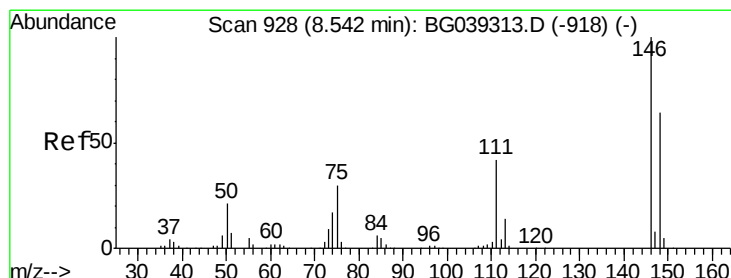
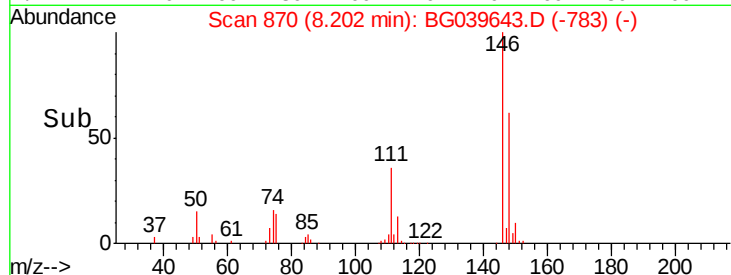
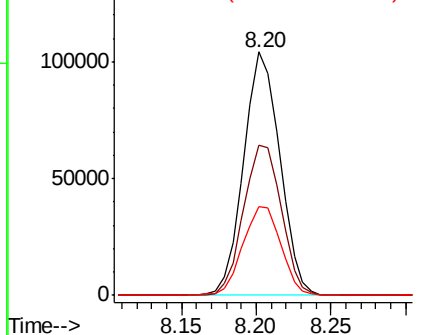
Tot Ion:	146	Resp:	174897
Ion Ratio	Lower	Upper	
146	100		
148	61.6	51.1	76.7
111	36.5	32.6	48.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.476 ng

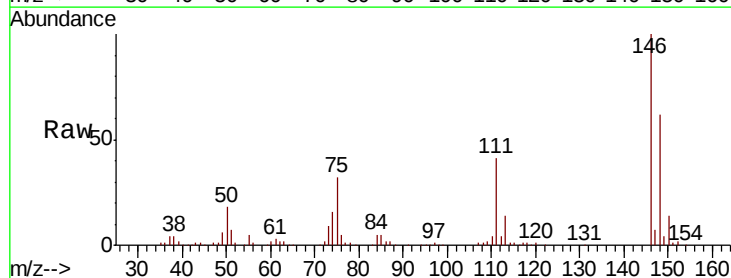
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

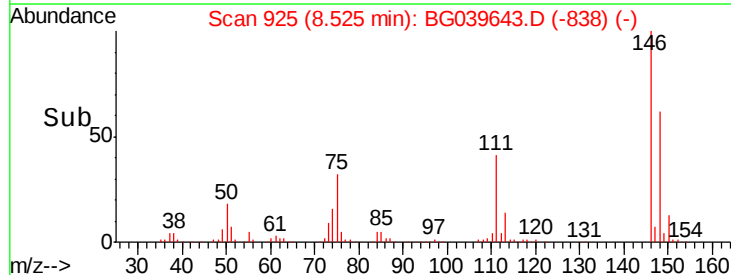
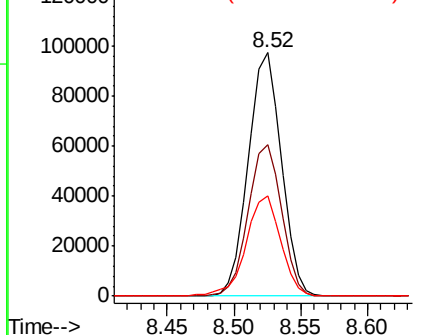
Lab File: BG039643.D

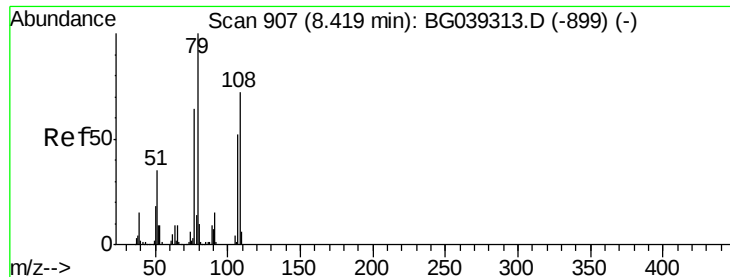
Acq: 27 Feb 2019 20:36

Tgt Ion:	146	Resp:	166356
Ion Ratio	Lower	Upper	
146	100		
148	62.1	51.5	77.3
111	41.3	33.8	50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.405 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

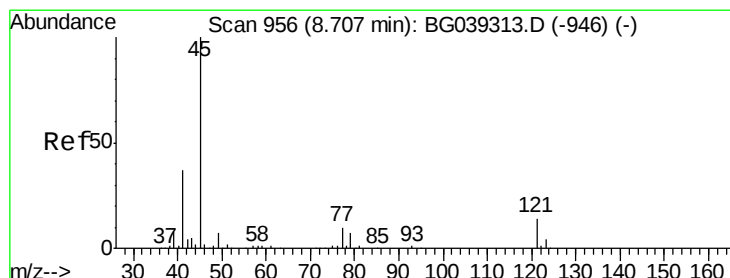
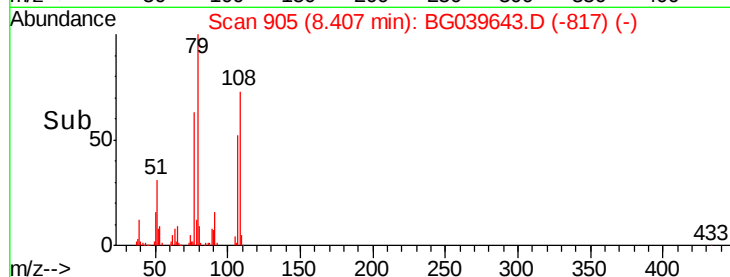
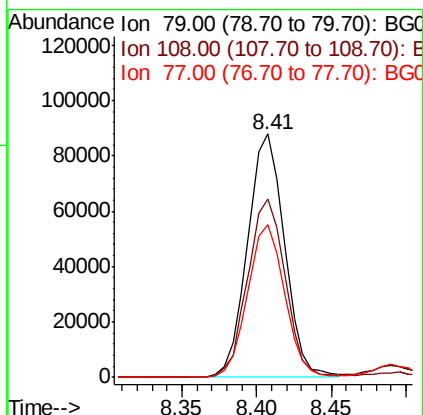
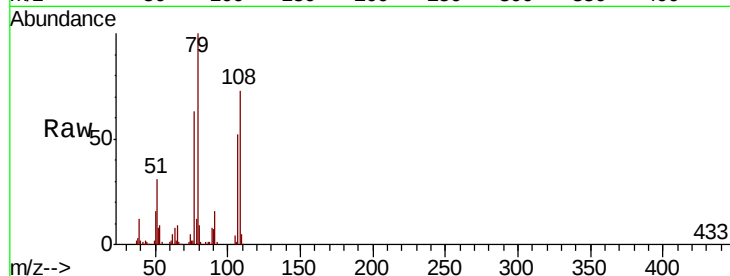
ClientSampleId :

OK-02-022519MS

Tot Ion:	79	Resp:	150194
Ion Ratio	Lower	Upper	
79	100		
108	73.5	57.8	86.6
77	62.7	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.375 ng

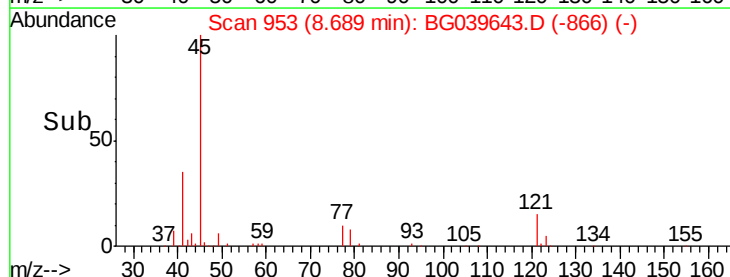
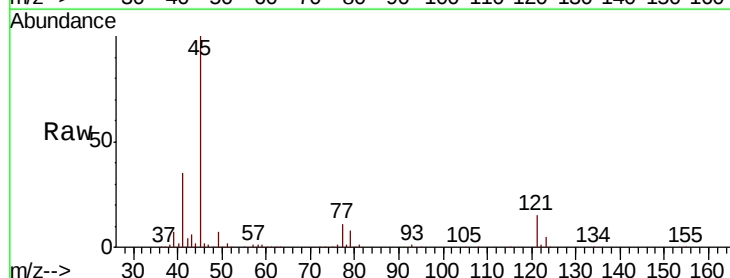
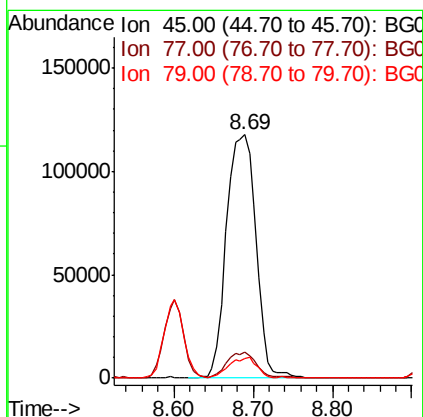
RT: 8.69 min Scan# 953

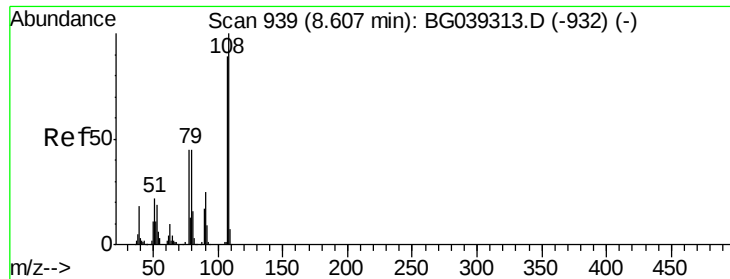
Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	45	Resp:	302750
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	30.0
79	8.1	0.0	27.5





#17

2-Methylphenol

Concen: 42.079 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

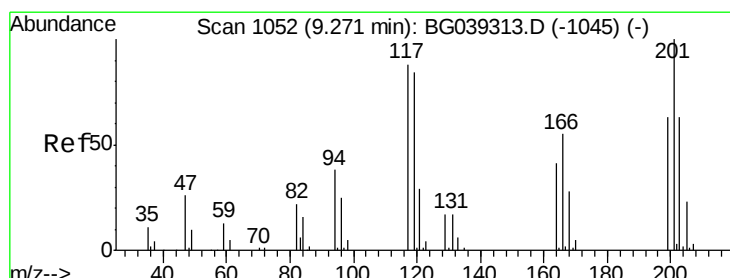
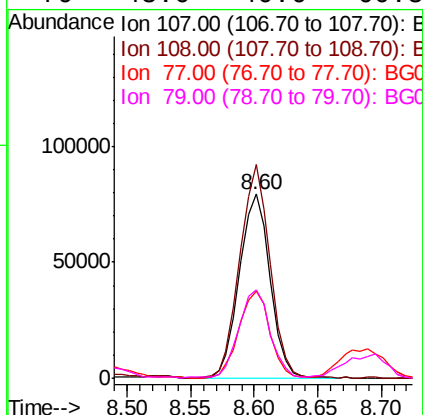
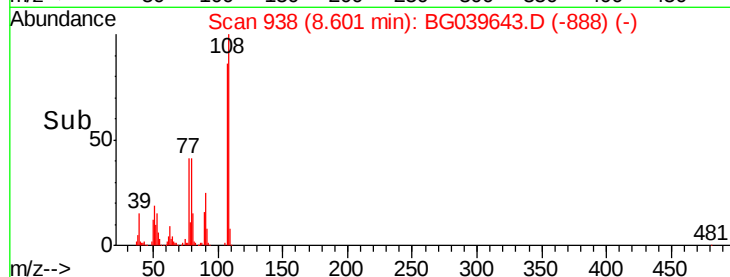
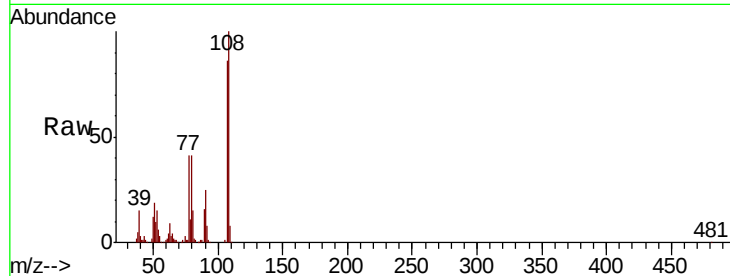
ClientSampled :

OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	90.8	136.2
77	47.6	40.7	61.1
79	48.0	40.6	60.8

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#18

Hexachloroethane

Concen: 41.635 ng

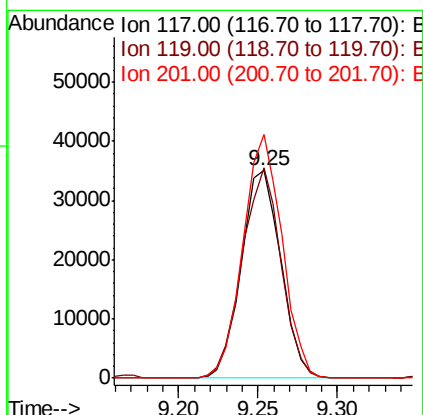
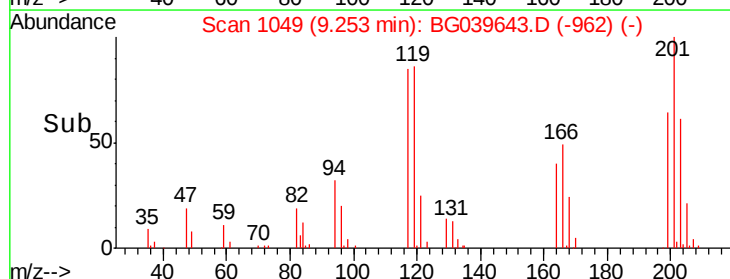
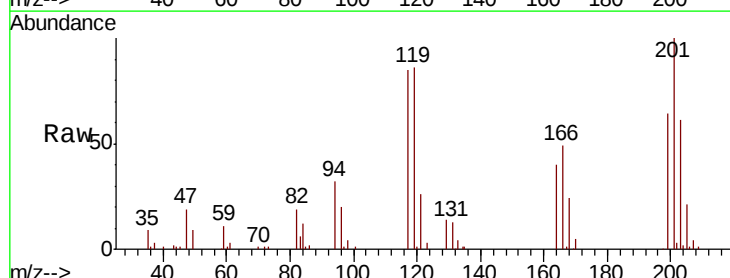
RT: 9.25 min Scan# 1049

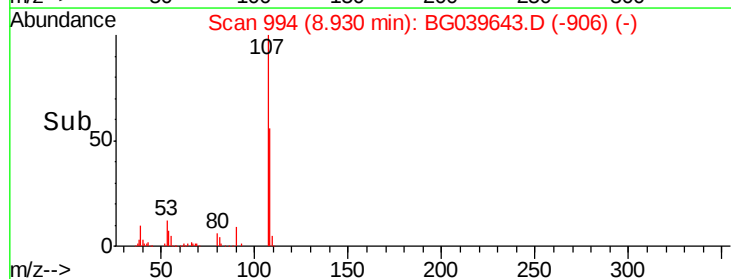
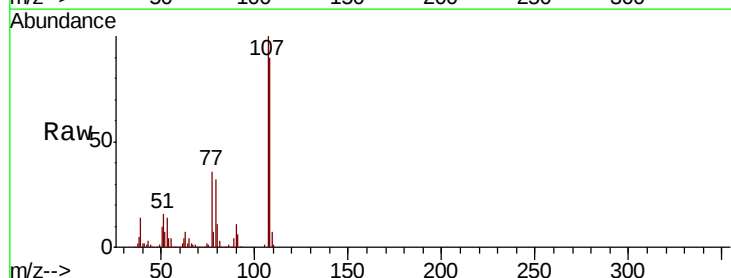
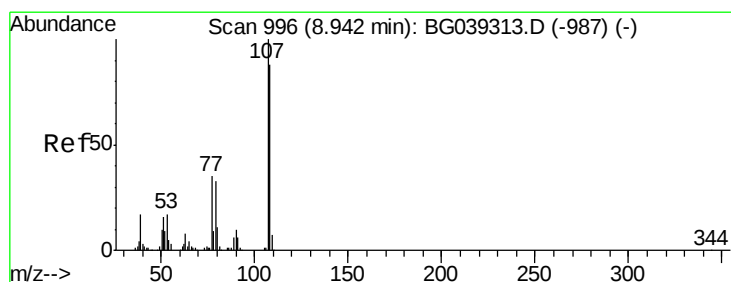
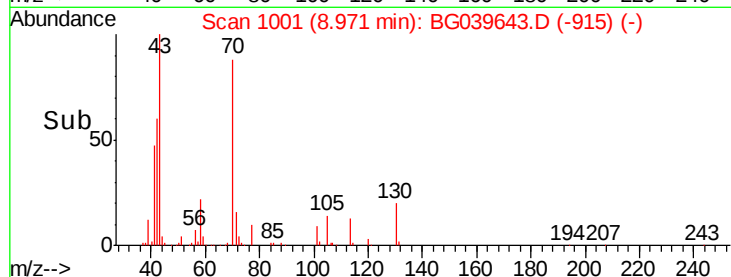
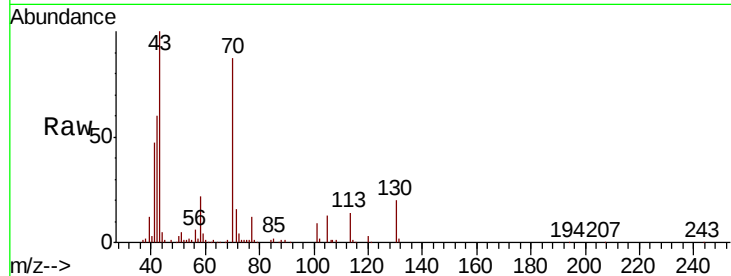
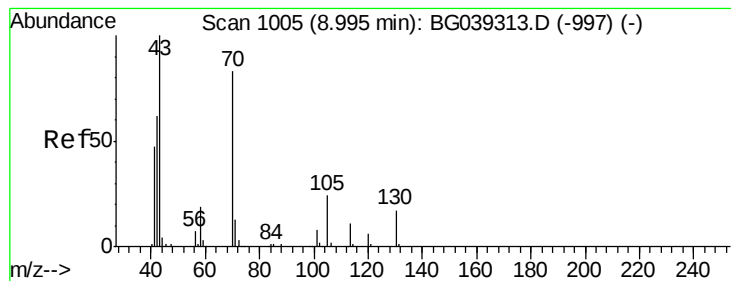
Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	76.3	114.5
201	117.4	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.084 ng

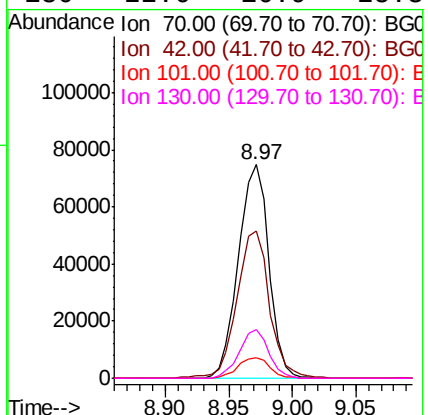
RT: 8.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.0	60.4	90.6	
101	9.7	7.5	11.3	
130	22.6	16.9	25.3	



Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

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#20

3+4-Methylphenols

Concen: 41.919 ng

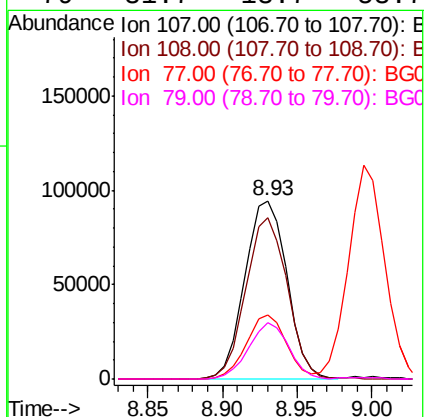
RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	67.9	107.9	
77	36.1	15.4	55.4	
79	31.7	13.7	53.7	





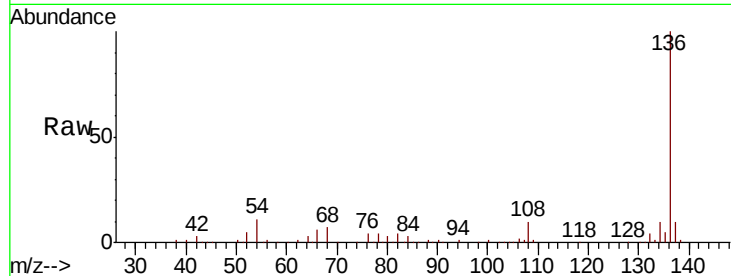
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	11.0	9.4	14.2
68	6.8	4.2	6.4#

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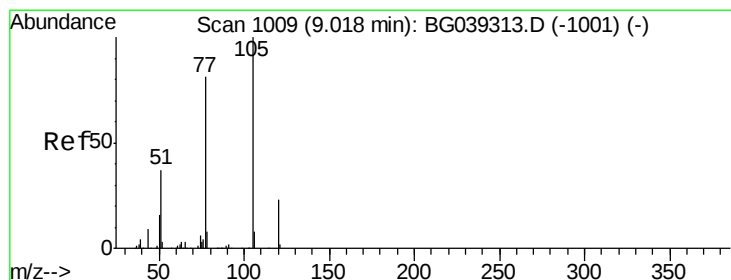
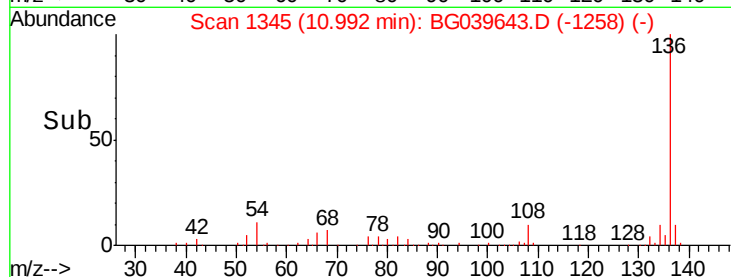
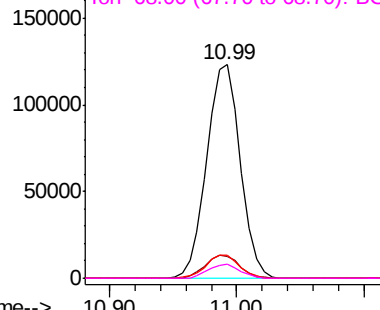
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.517 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	33.4	30.2	45.2
120	22.8	18.0	27.0

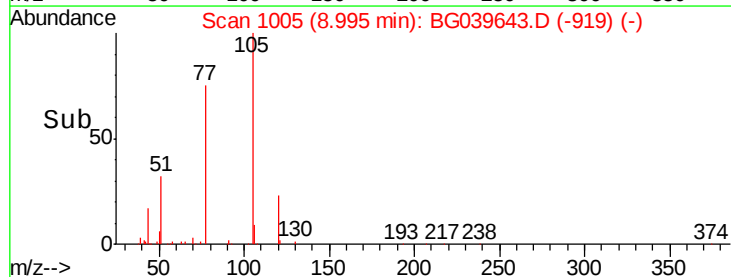
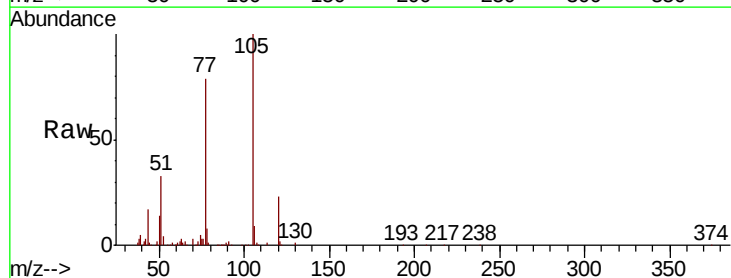
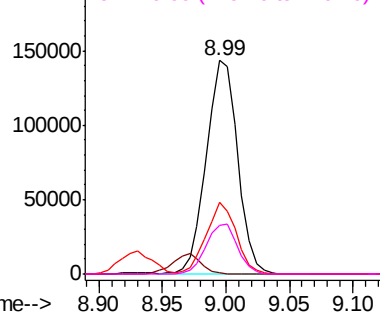
Abundance

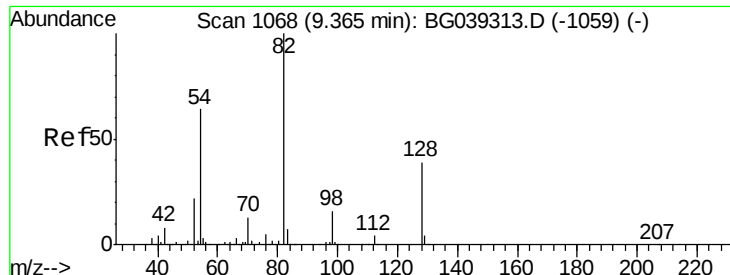
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





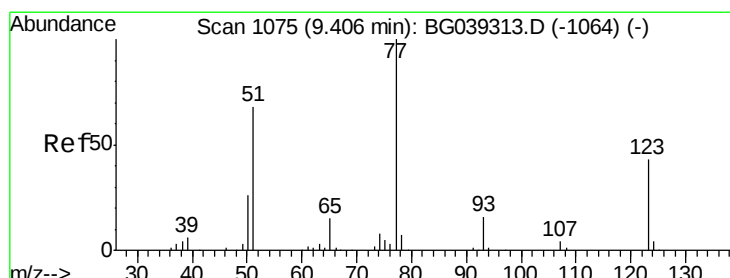
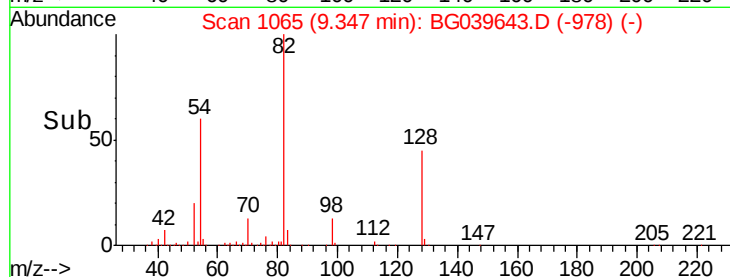
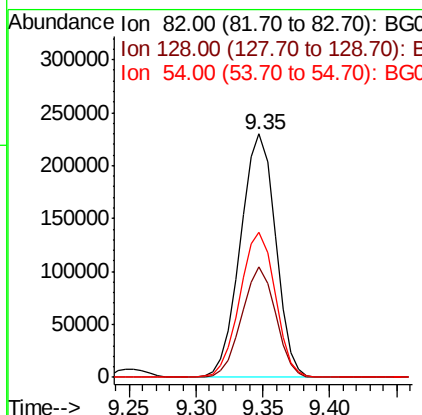
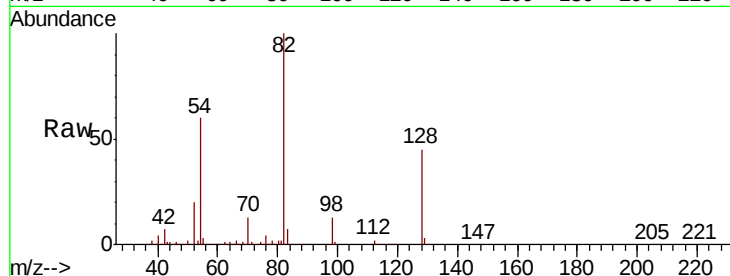
#23
Nitrobenzene-d5
Concen: 116.282 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	82	Resp	419080
Ion Ratio	100	Lower	Upper
82	100		
128	45.1	31.3	46.9
54	59.5	50.9	76.3

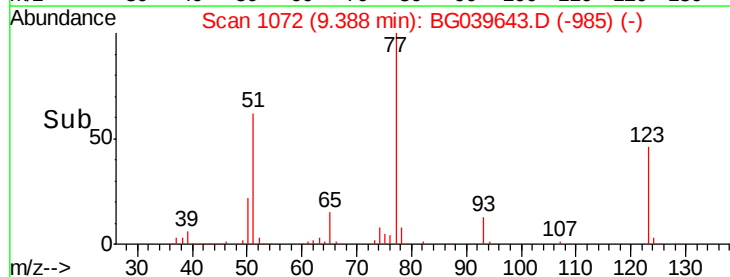
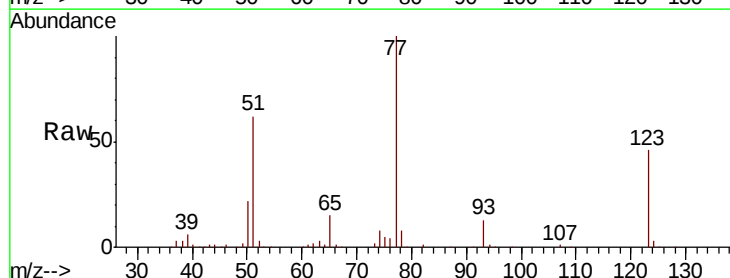
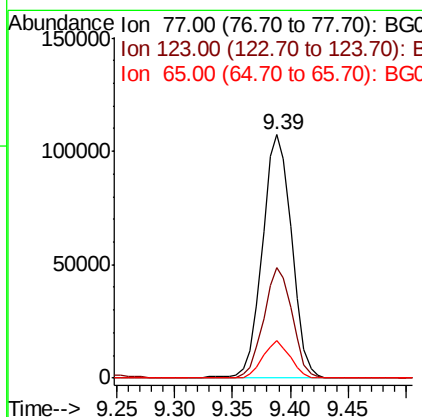
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#24
Nitrobenzene
Concen: 48.875 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	77	Resp	190296
Ion Ratio	100	Lower	Upper
77	100		
123	45.6	34.1	51.1
65	15.3	12.3	18.5





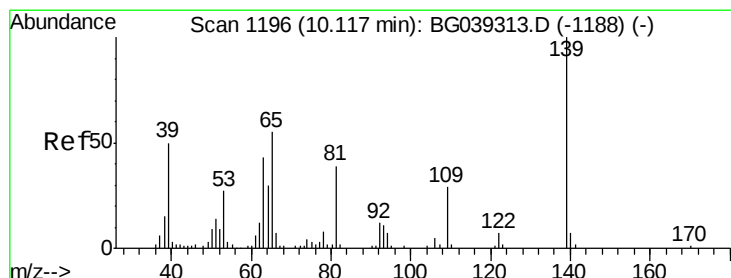
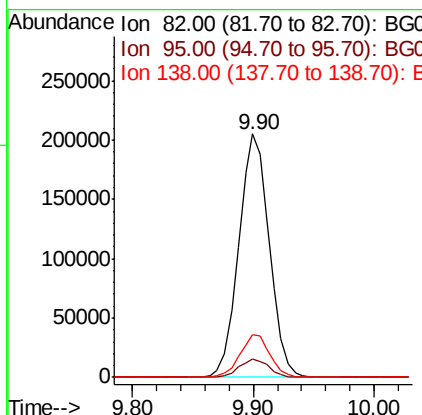
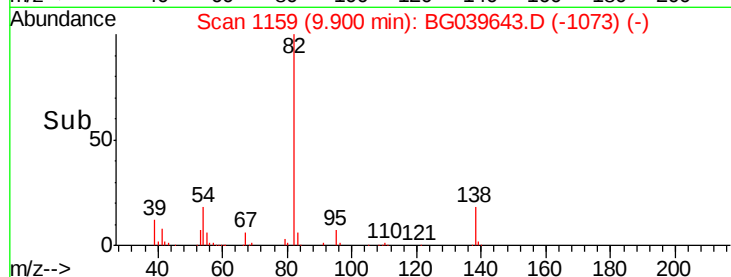
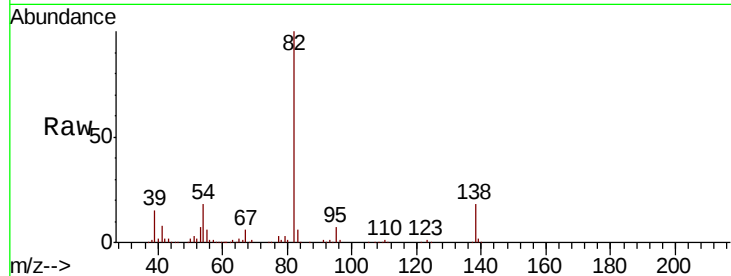
#25
Isophorone
Concen: 44.928 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.2	9.2
138	17.6	13.0	19.4

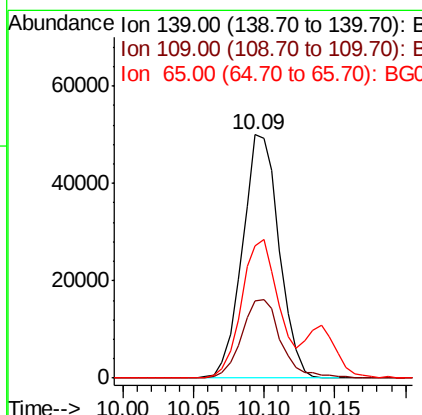
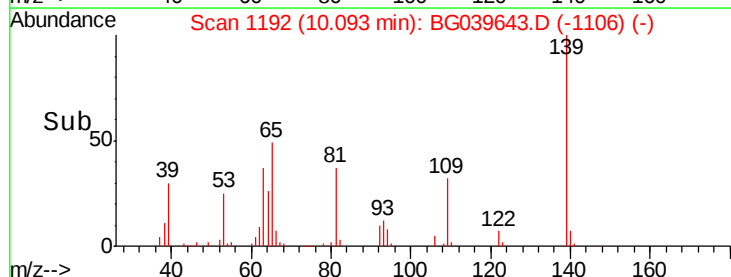
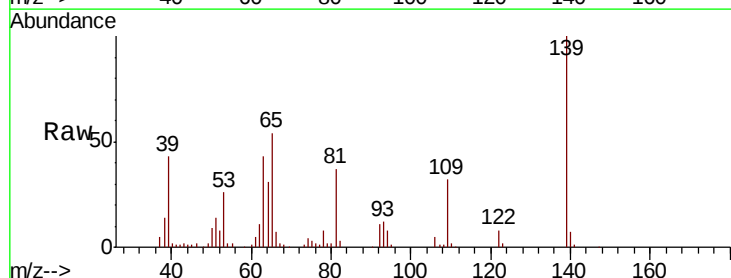
Manual Integrations
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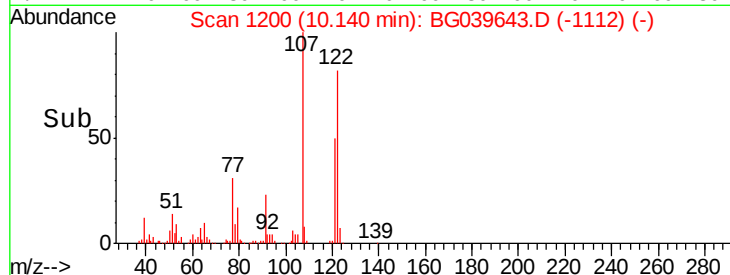
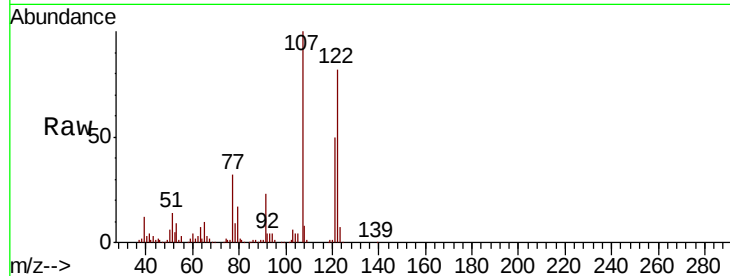
Sohil
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#26
2-Nitrophenol
Concen: 56.444 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.0	23.4	35.0
65	54.1	44.3	66.5





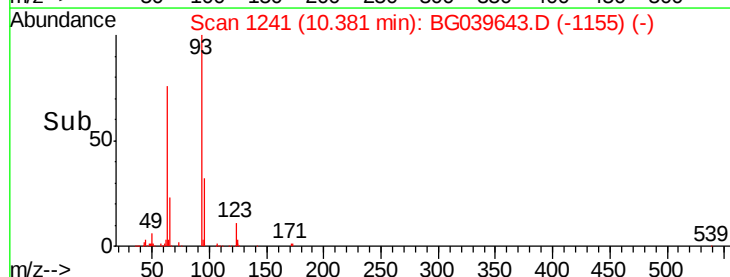
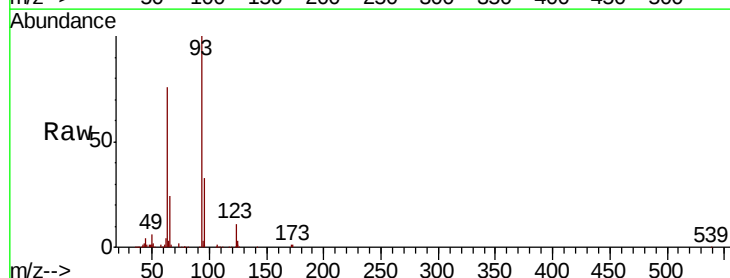
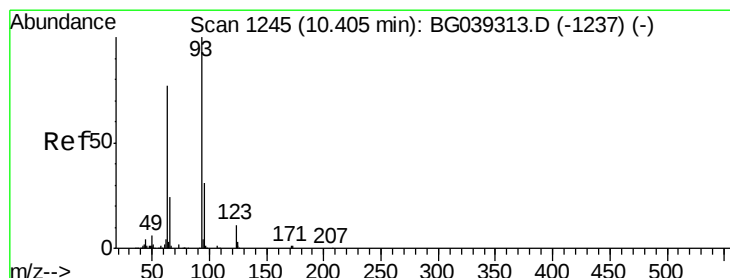
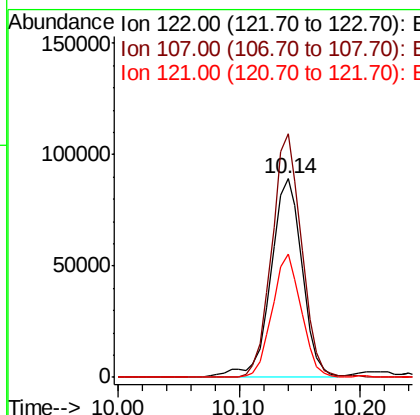
#27
2,4-Dimethylphenol
Concen: 49.672 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	160475		
107	122.6	91.7	137.5	
121	61.9	46.4	69.6	

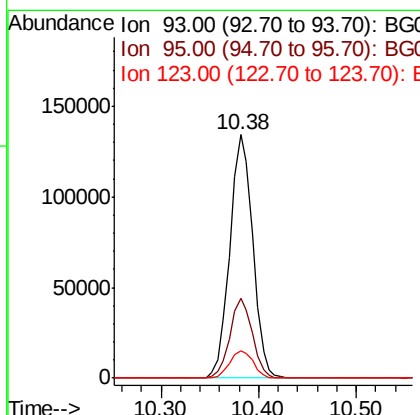
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#28
bis(2-Chloroethoxy)methane
Concen: 44.381 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	218321		
95	33.0	25.0	37.4	
123	11.0	8.6	12.8	





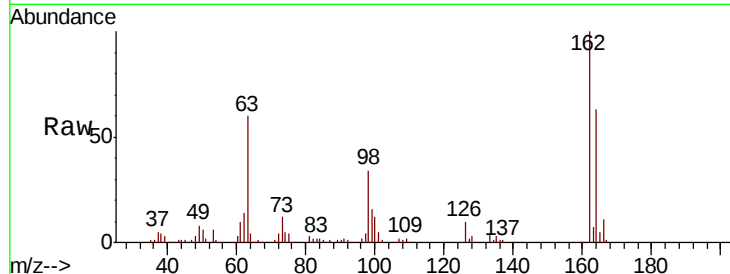
#29
2,4-Dichlorophenol
Concen: 48.423 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampled :
OK-02-022519MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	170980		
164	63.0	48.1	88.1	
98	34.3	18.1	58.1	

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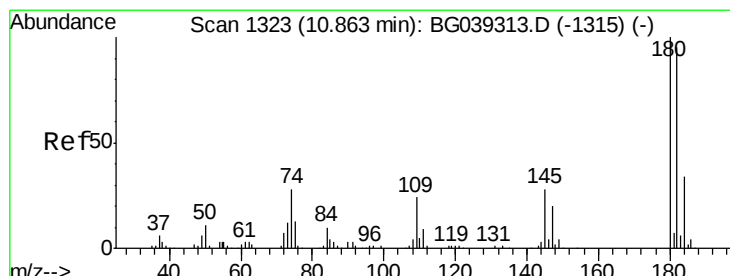
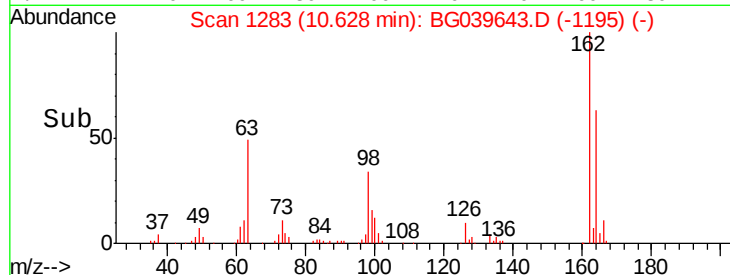
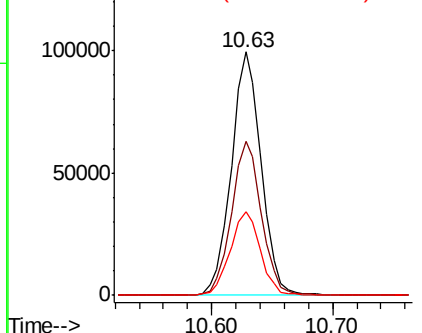


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 44.206 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

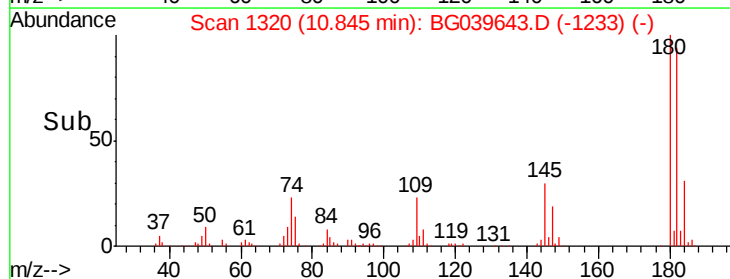
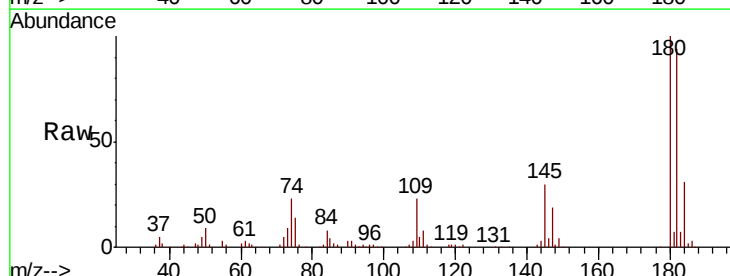
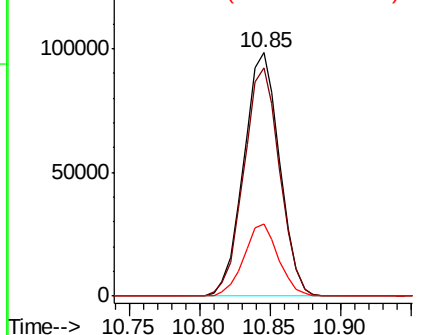
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175242		
182	94.0	76.0	114.0	
145	29.6	22.7	34.1	

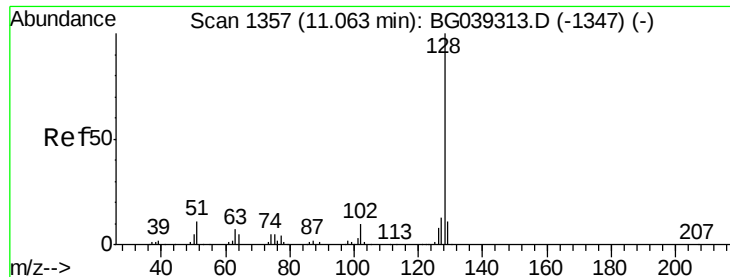
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





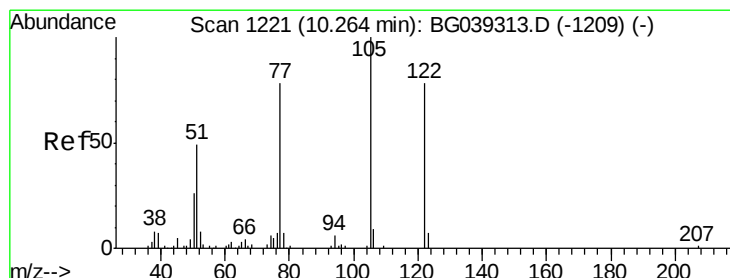
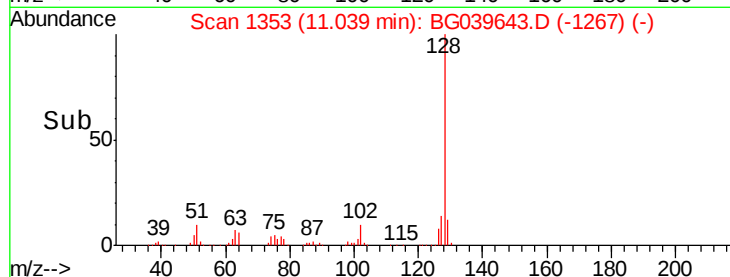
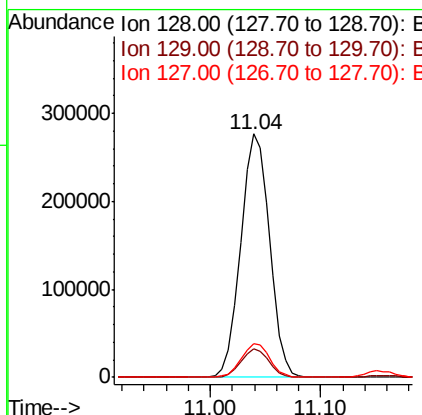
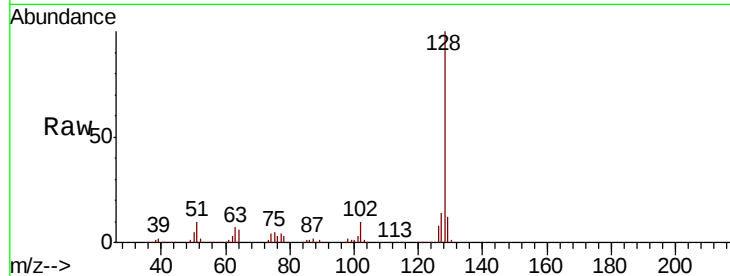
#31
Naphthalene
Concen: 45.377 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	13.7	10.8	16.2

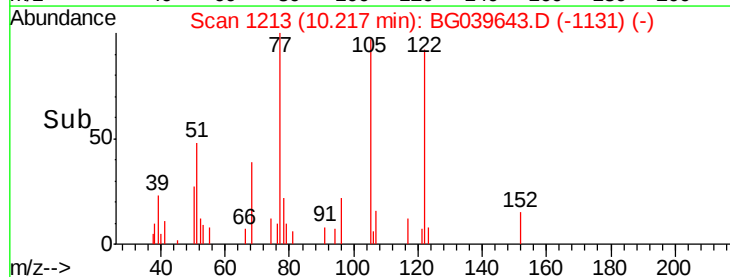
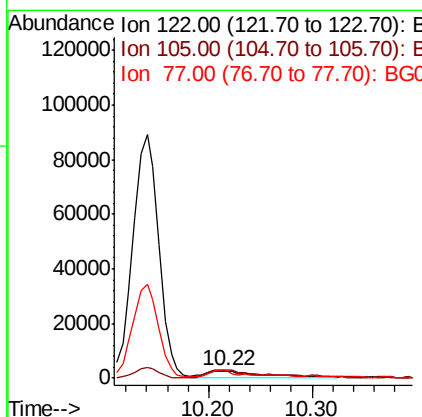
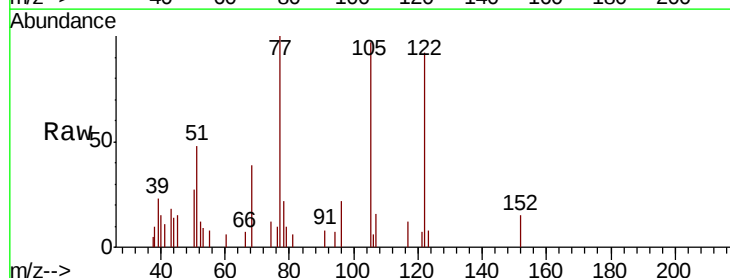
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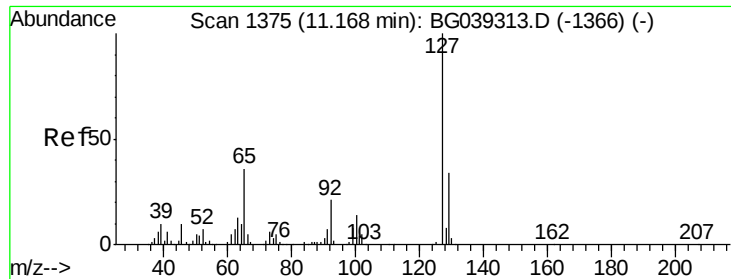
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#32
Benzoic acid
Concen: 13.037 ng m
RT: 10.22 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.9	101.8	141.8
77	108.4	76.3	116.3





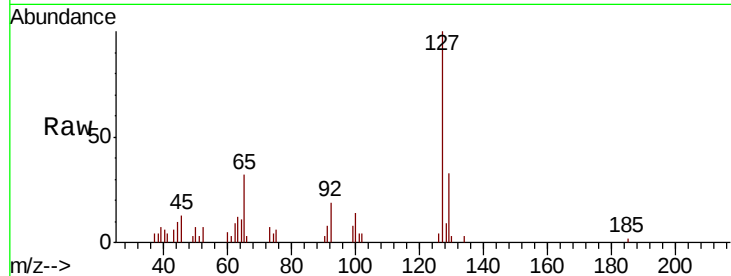
#33
4-Chloroaniline
Concen: 2.708 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	32.3	28.8	43.2
92	18.8	16.6	25.0

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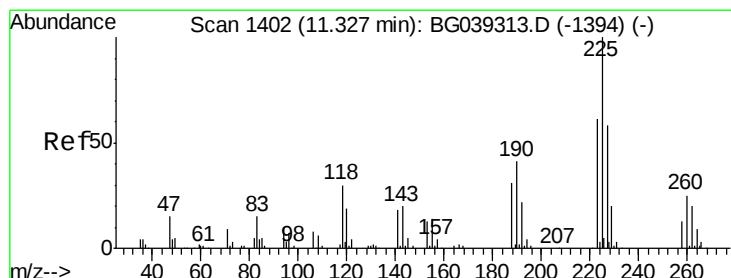
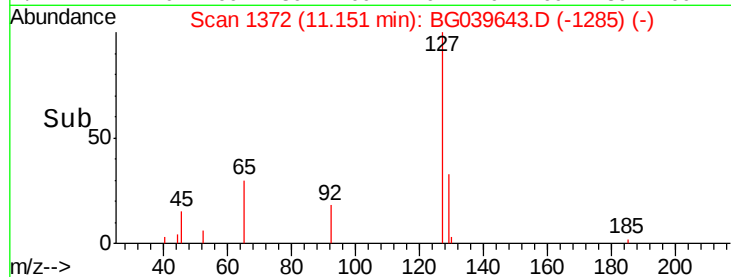
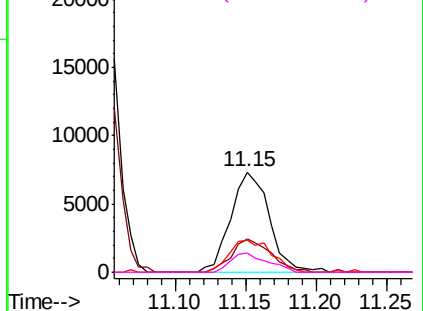
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.458 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

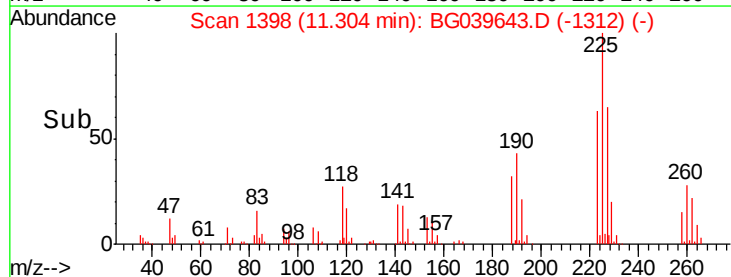
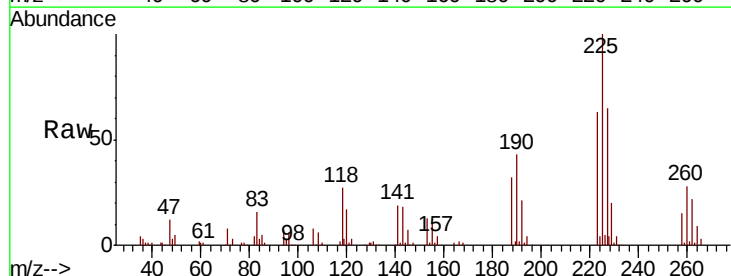
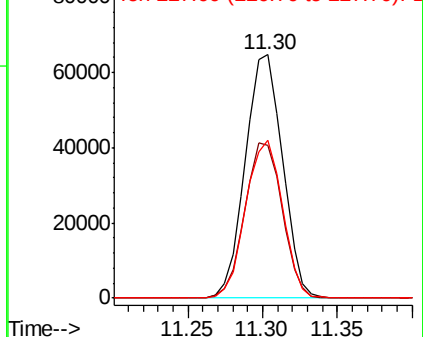
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.0	73.6
227	64.6	46.3	69.5

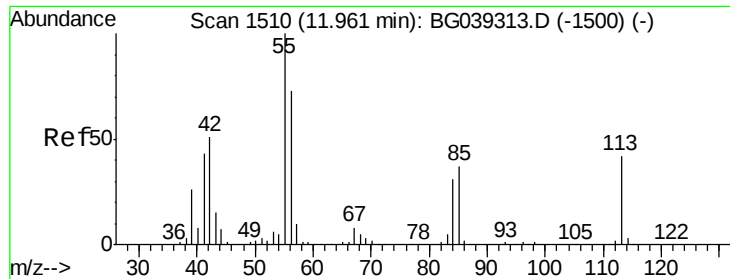
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.507 ng

RT: 11.93 min Scan# 1504

Delta R.T. -0.04 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

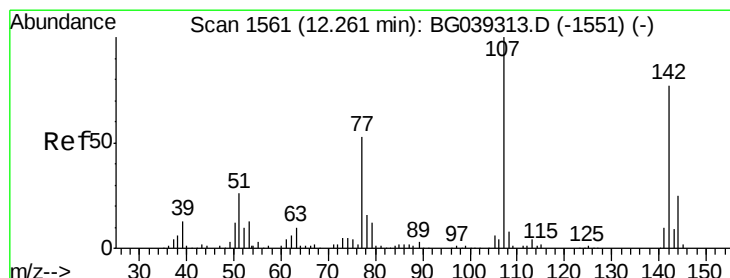
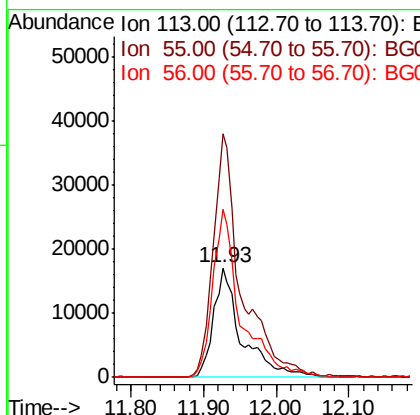
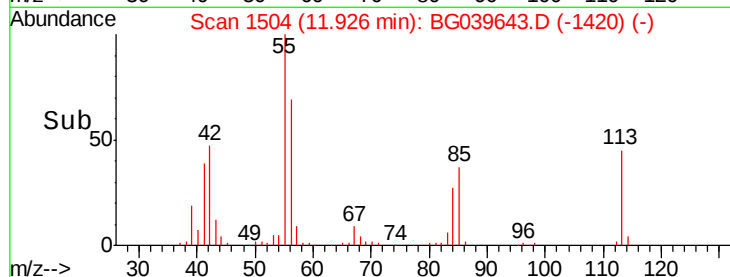
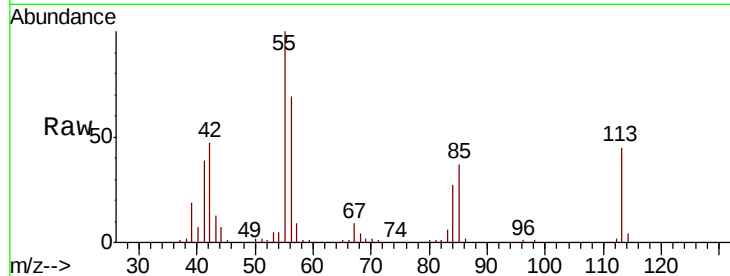
OK-02-022519MS

Tot Ion:113 Resp: 46036

Ion	Ratio	Lower	Upper
113	100		
55	221.7	216.9	256.9
56	153.5	152.6	192.6

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#36

4-Chloro-3-methylphenol

Concen: 44.559 ng

RT: 12.25 min Scan# 1559

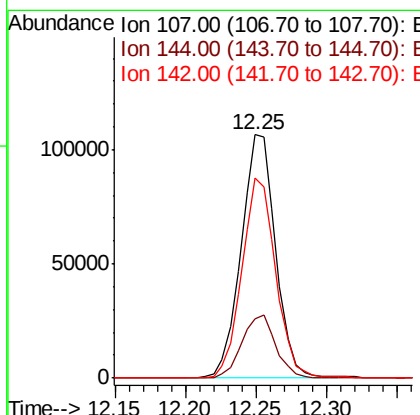
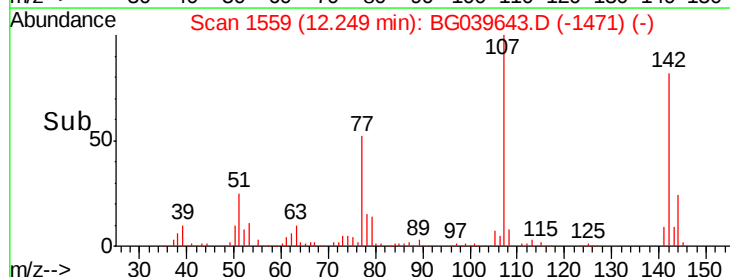
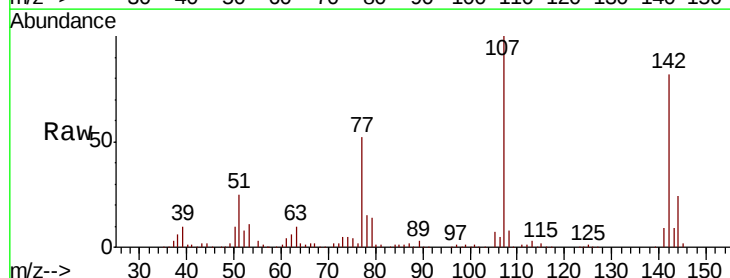
Delta R.T. -0.01 min

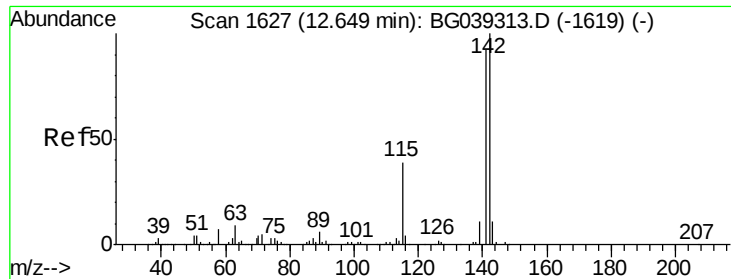
Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:107 Resp: 181958

Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.2	30.2
142	82.1	61.4	92.2





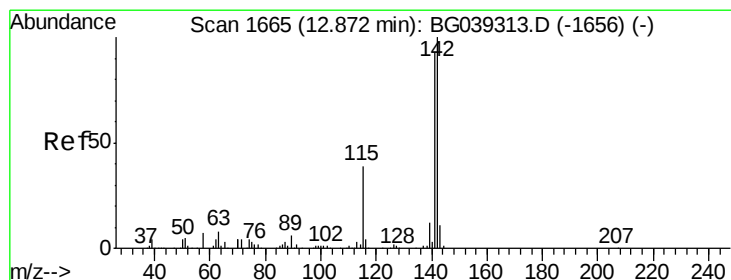
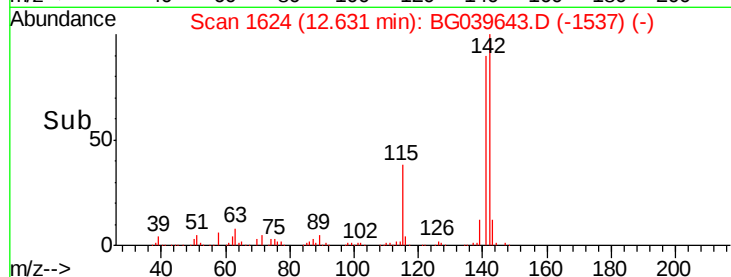
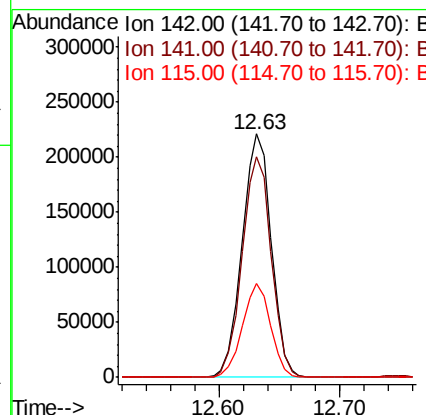
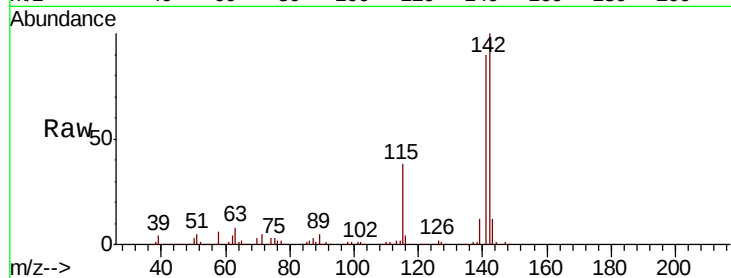
#37
2-Methylnaphthalene
Concen: 45.034 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.5	110.3
115	38.4	30.8	46.2

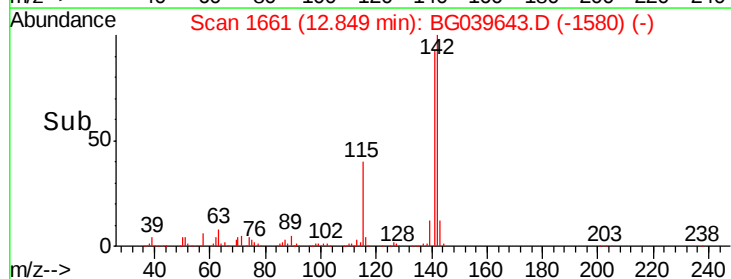
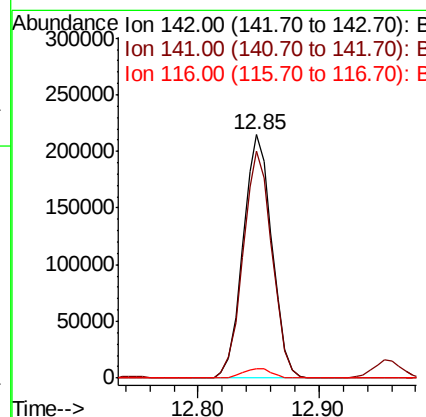
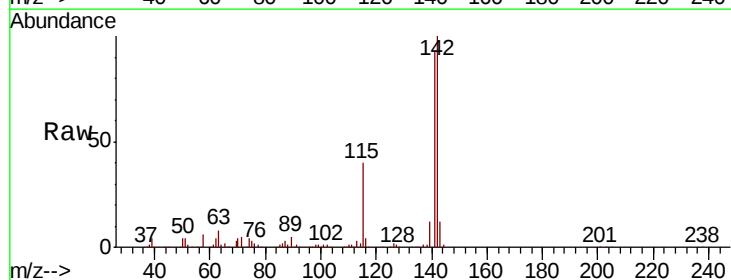
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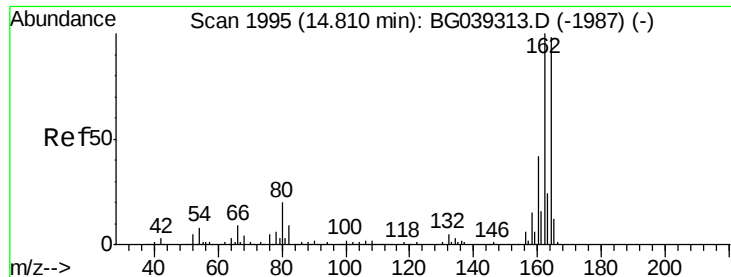
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#38
1-Methylnaphthalene
Concen: 44.717 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

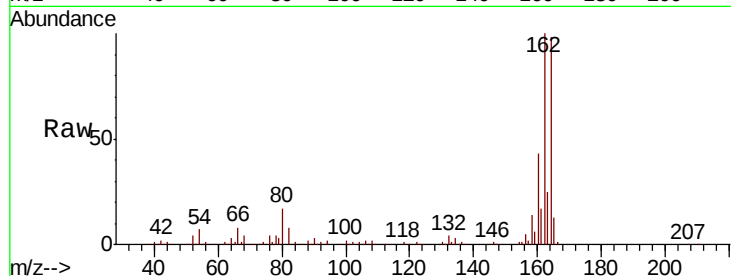
ClientSampleId :

OK-02-022519MS

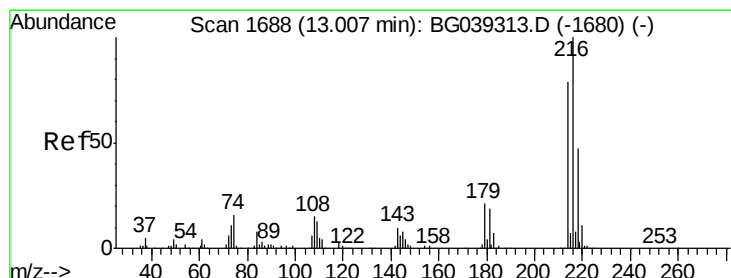
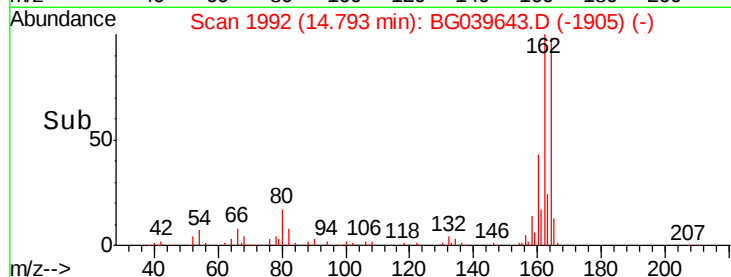
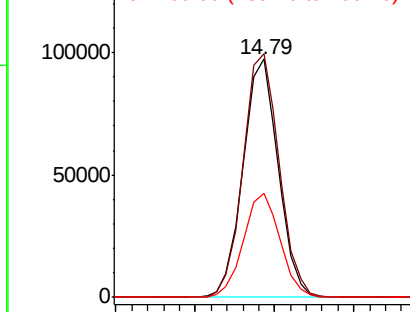
Tot Ion:	164	Resp:	150099
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.6	122.4
160	44.0	34.2	51.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.217 ng

RT: 12.99 min Scan# 1685

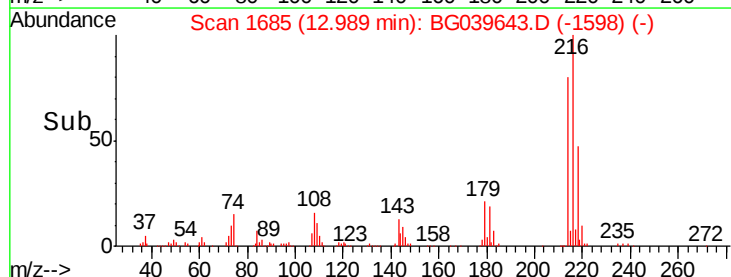
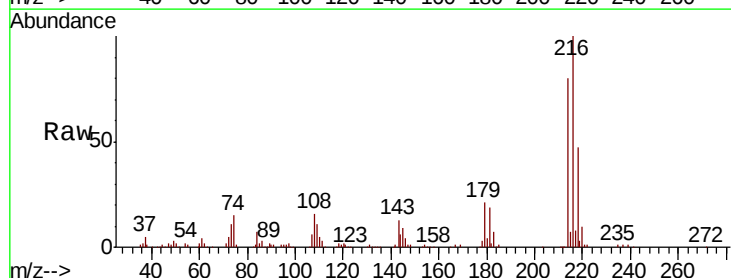
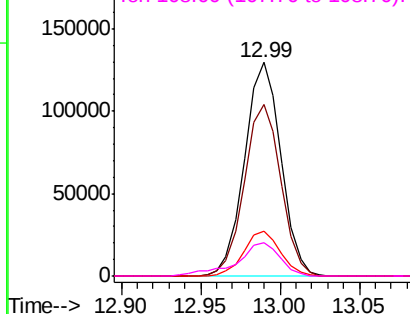
Delta R.T. -0.02 min

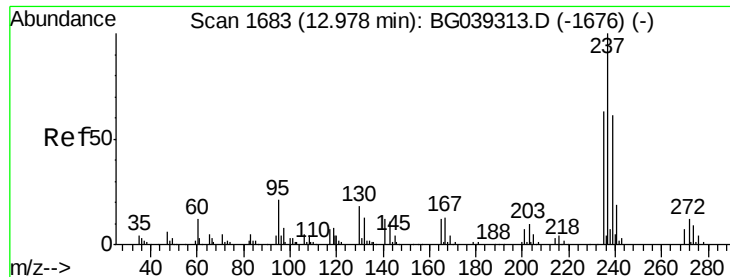
Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	216	Resp:	206390
Ion Ratio	Lower	Upper	
216	100		
214	80.7	62.6	94.0
179	20.9	16.6	25.0
108	18.3	14.0	21.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.483 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

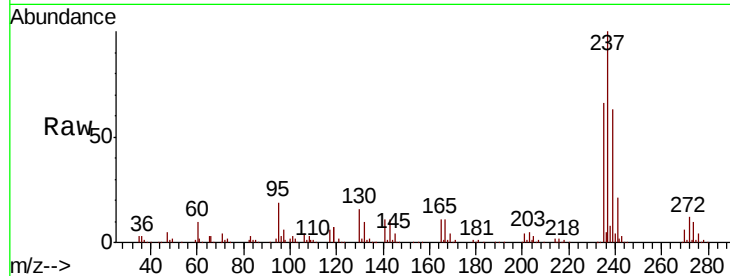
ClientSampleId :

OK-02-022519MS

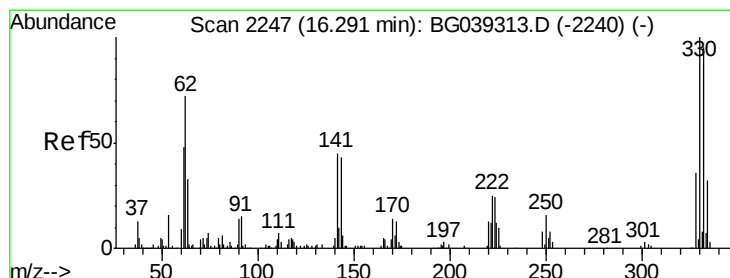
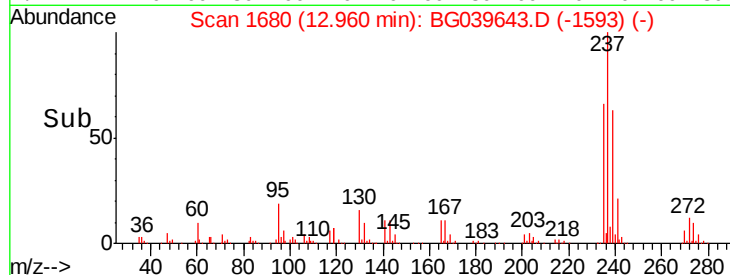
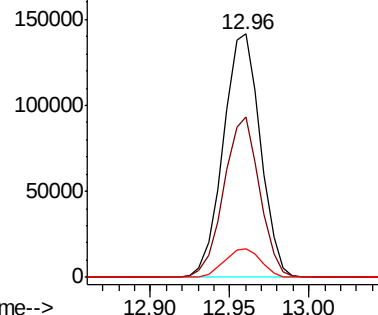
Tot Ion:	237	Resp:	230264
Ion Ratio	Lower	Upper	
237	100		
235	65.7	43.3	83.3
272	11.6	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 167.613 ng

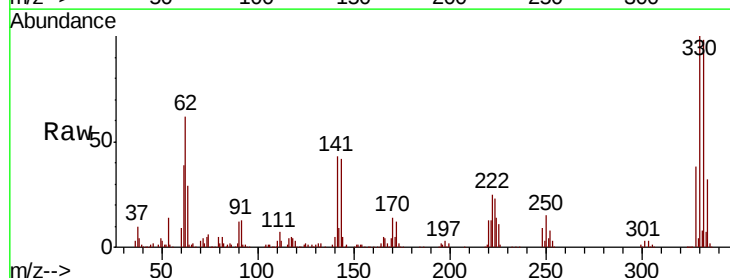
RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

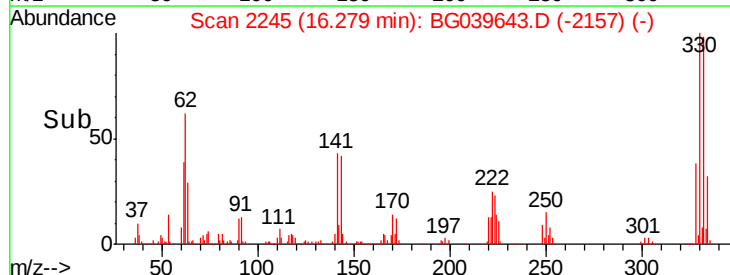
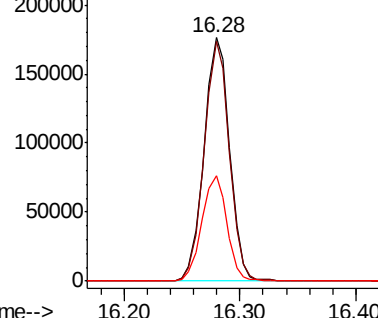
Lab File: BG039643.D

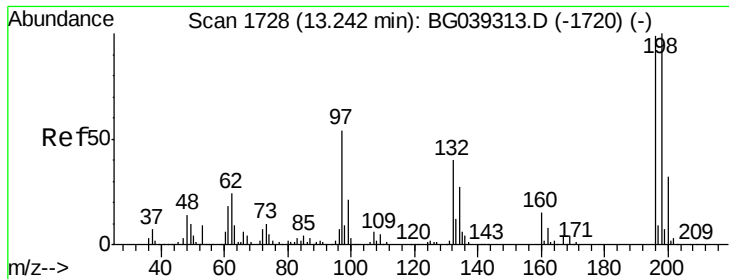
Acq: 27 Feb 2019 20:36

Tgt Ion:	330	Resp:	270915
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.7	113.5
141	42.6	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





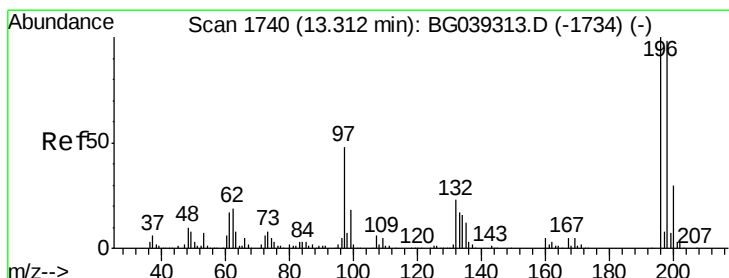
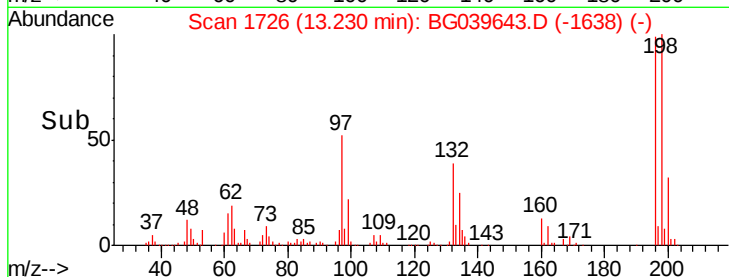
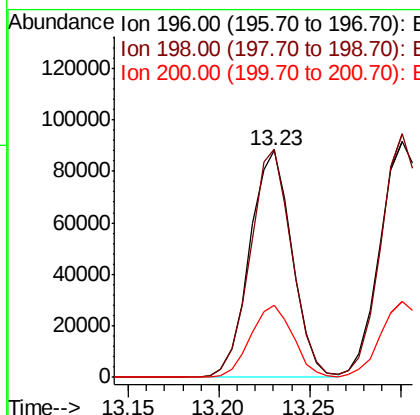
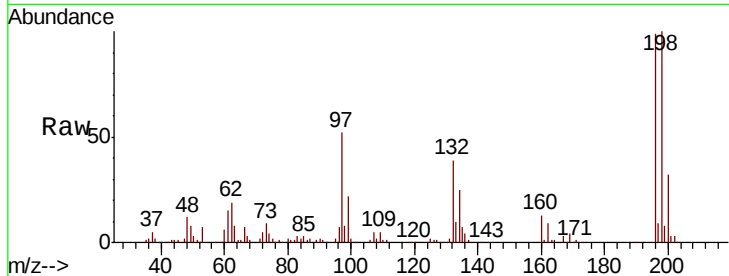
#43
 2,4,6-Trichlorophenol
 Concen: 48.558 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142583		
198	100.7	80.6	121.0	
200	32.0	26.1	39.1	

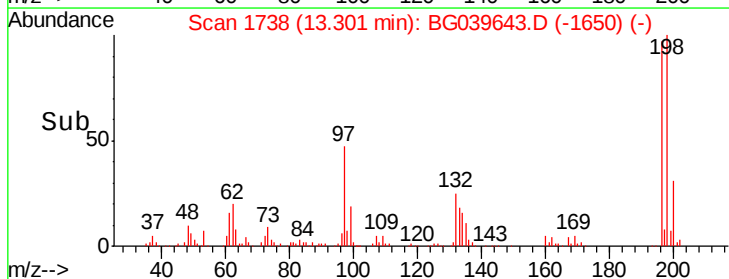
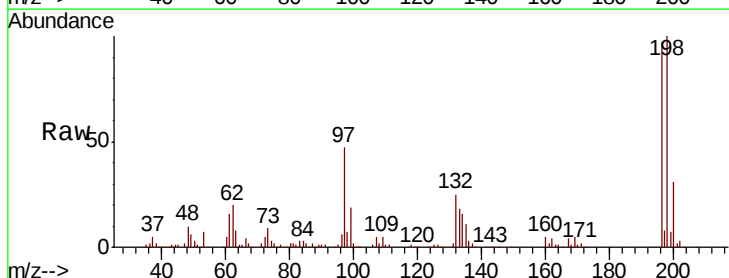
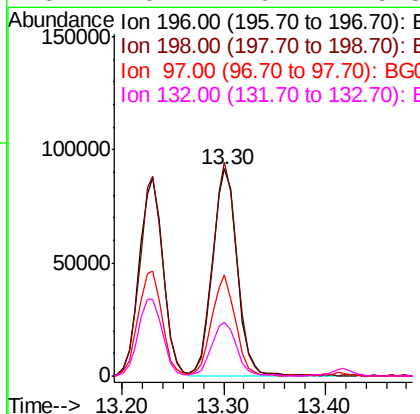
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#44
 2,4,5-Trichlorophenol
 Concen: 50.856 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156512		
198	103.2	78.5	117.7	
97	48.9	38.4	57.6	
132	26.1	19.2	28.8	





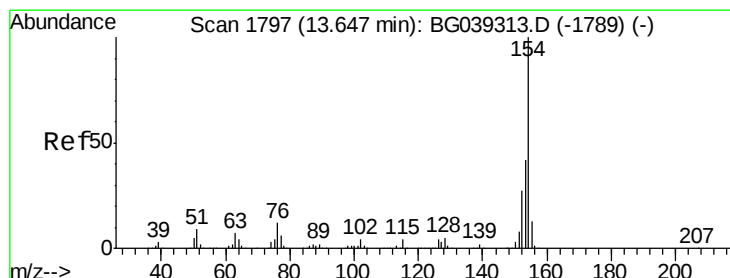
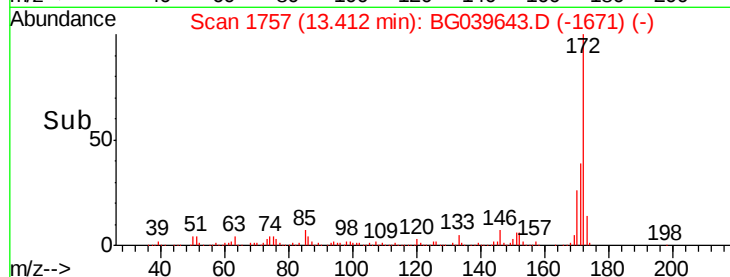
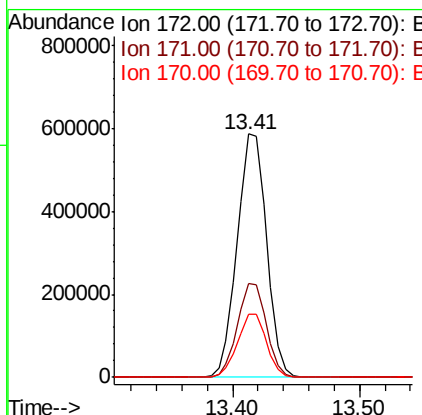
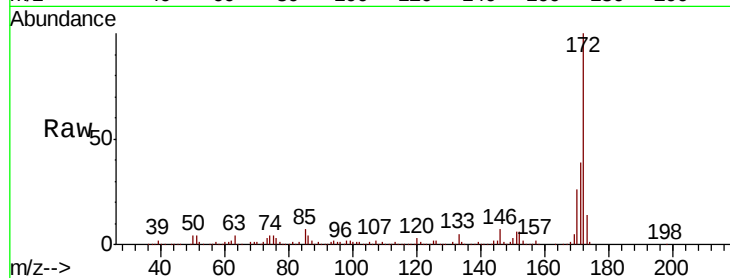
#45
2-Fluorobiphenyl
Concen: 90.003 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.8	20.2	30.4

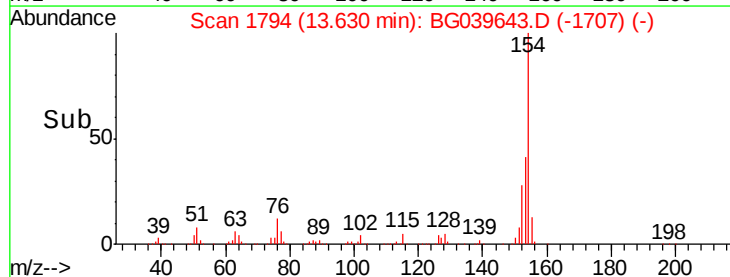
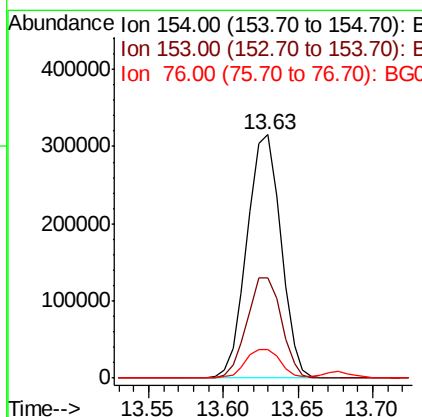
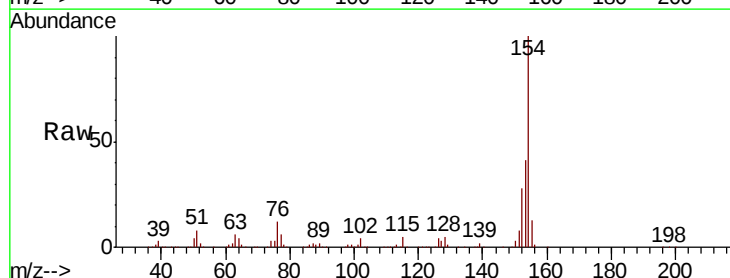
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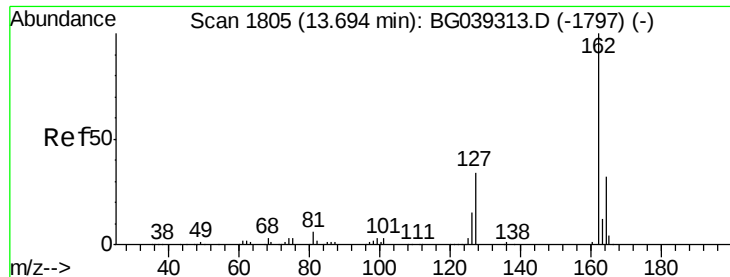
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#46
1,1'-Biphenyl
Concen: 39.725 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.1	62.1
76	11.8	0.0	32.4





#47

2-Chloronaphthalene

Concen: 41.647 ng

RT: 13.68 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

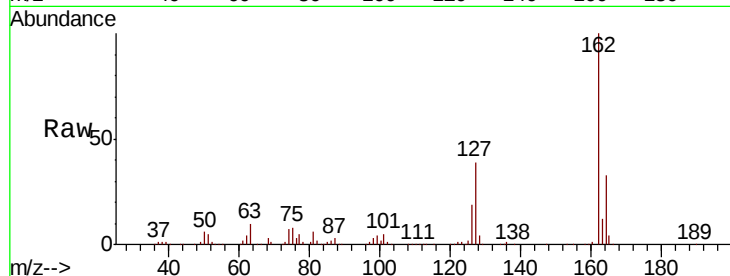
ClientSampleId :

OK-02-022519MS

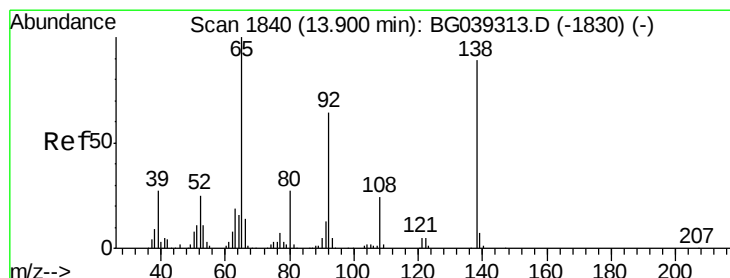
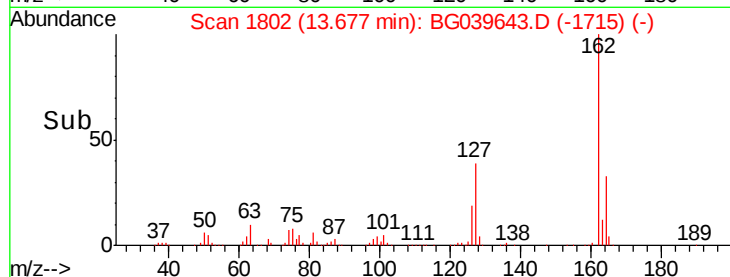
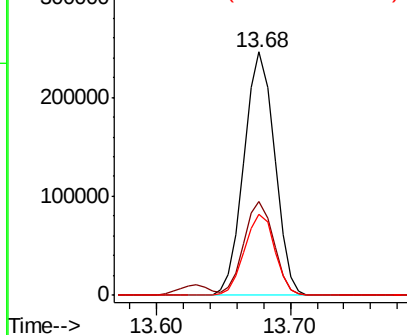
Tot Ion:	162	Resp:	391268
Ion Ratio	Lower	Upper	
162	100		
127	38.8	31.0	46.6
164	33.1	25.7	38.5

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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: 49.460 ng

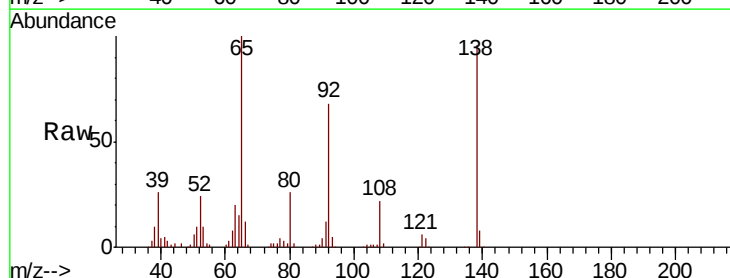
RT: 13.88 min Scan# 1837

Delta R.T. -0.02 min

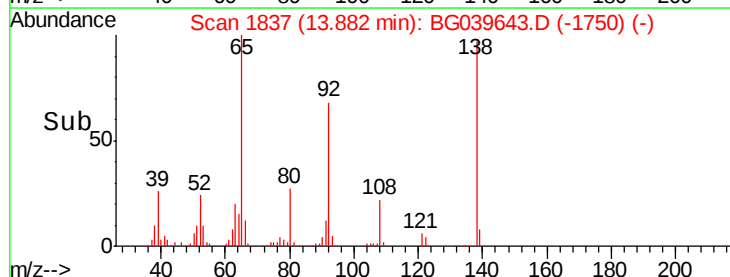
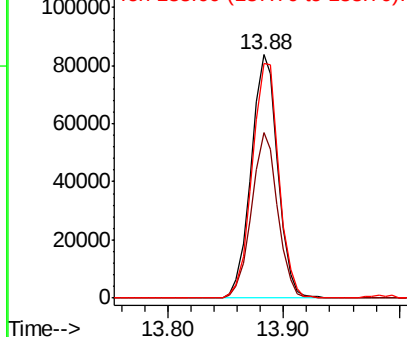
Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	65	Resp:	134306
Ion Ratio	Lower	Upper	
65	100		
92	68.0	51.4	77.2
138	96.4	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: 44.629 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

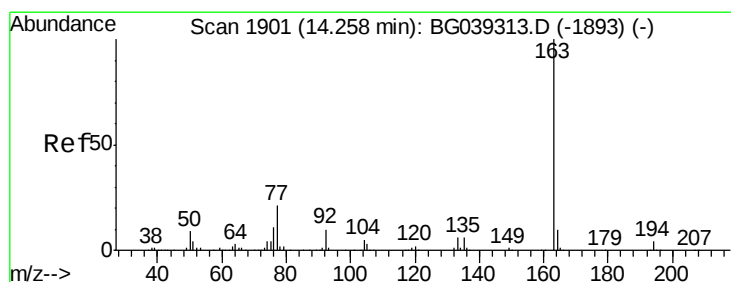
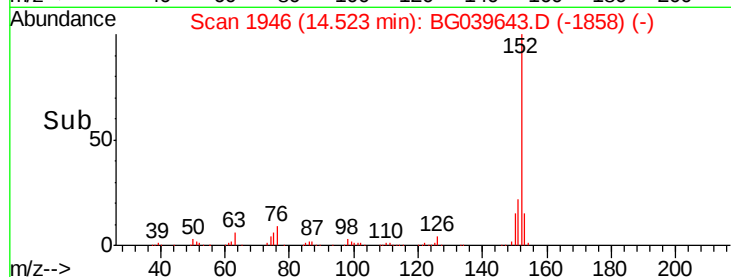
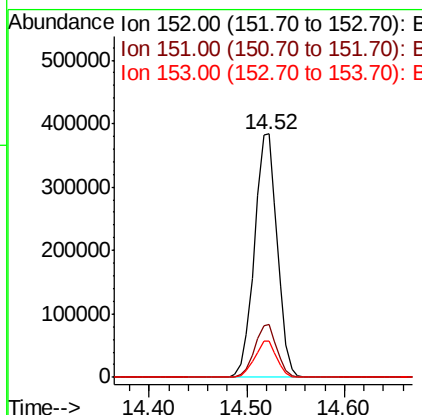
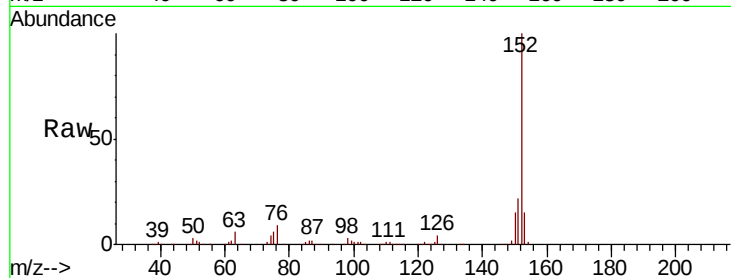
ClientSampleId :

OK-02-022519MS

Tot Ion:	152	Resp:	632665
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.8	25.2
153	14.8	11.7	17.5

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#50

Dimethylphthalate

Concen: 43.011 ng

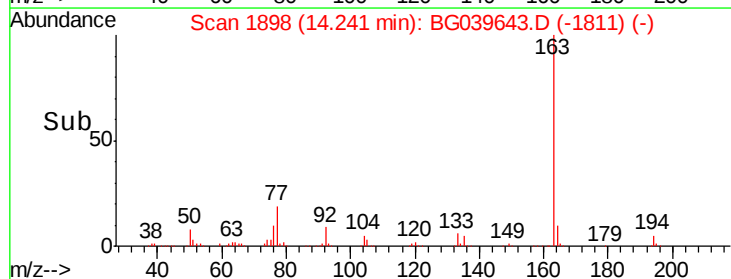
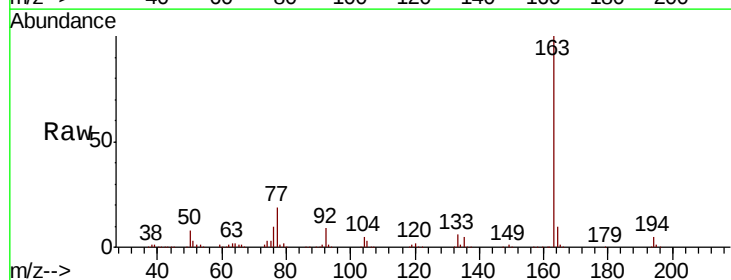
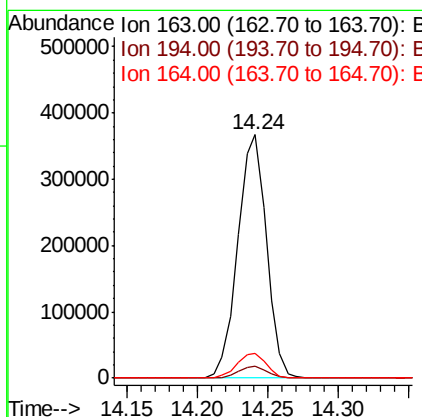
RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	163	Resp:	521400
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 51.000 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

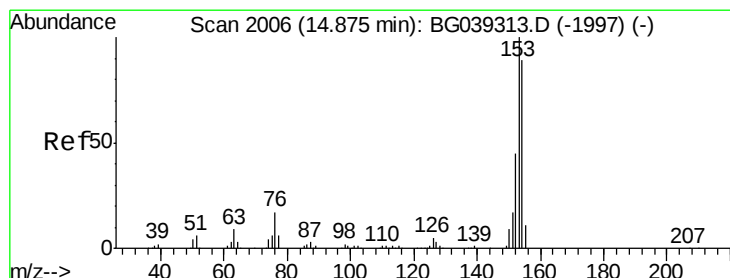
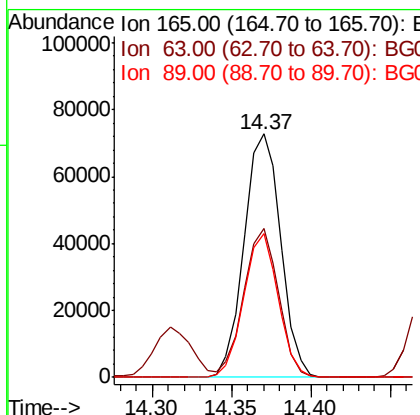
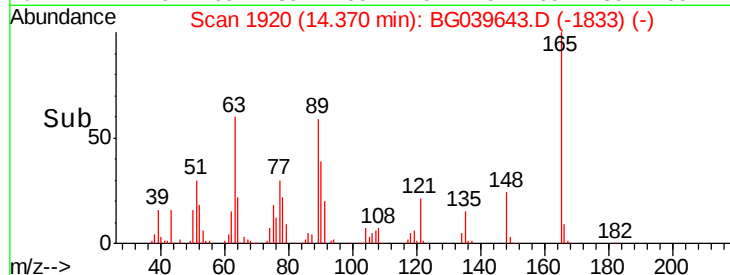
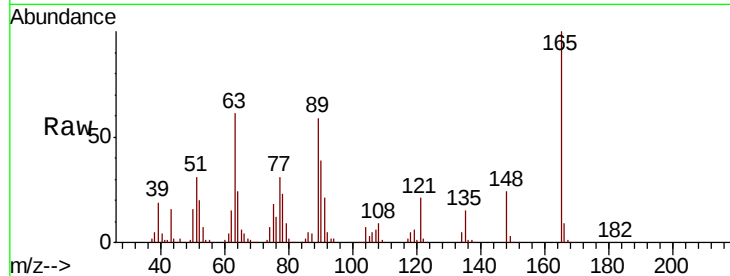
ClientSampleId :

OK-02-022519MS

Tot Ion:	165	Resp:	116624
Ion Ratio	Lower	Upper	
165	100		
63	61.3	47.0	70.6
89	59.1	45.8	68.8

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#52

Acenaphthene

Concen: 41.818 ng

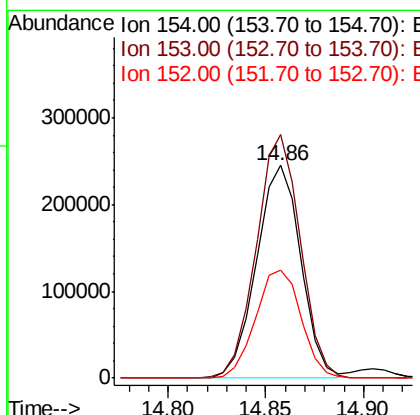
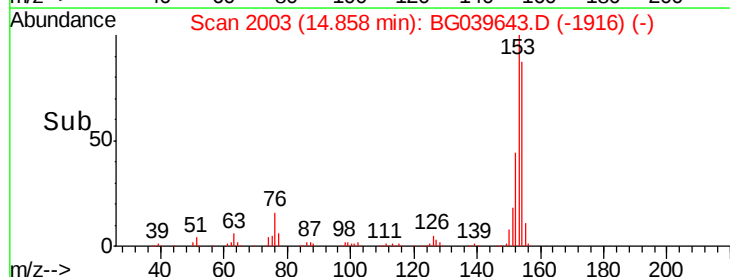
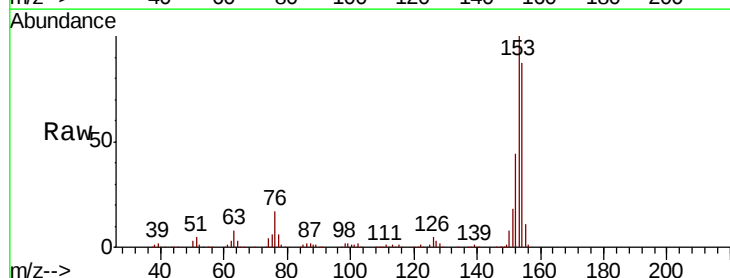
RT: 14.86 min Scan# 2003

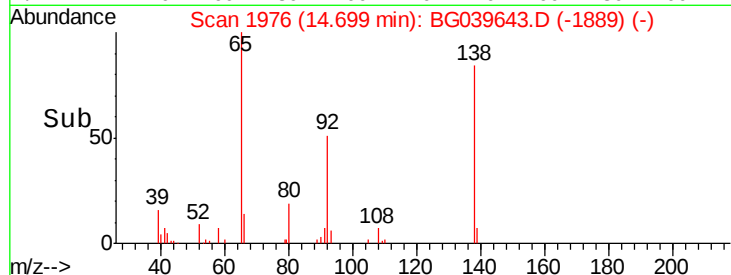
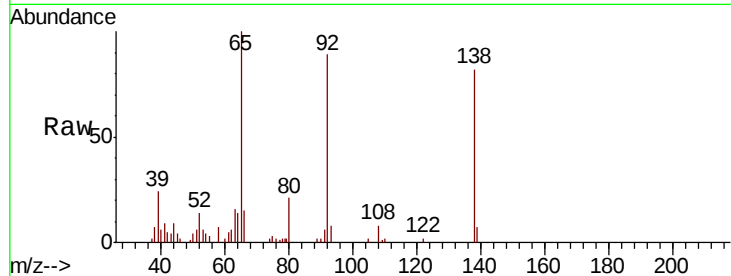
Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	154	Resp:	384808
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.1	135.1
152	50.9	40.9	61.3





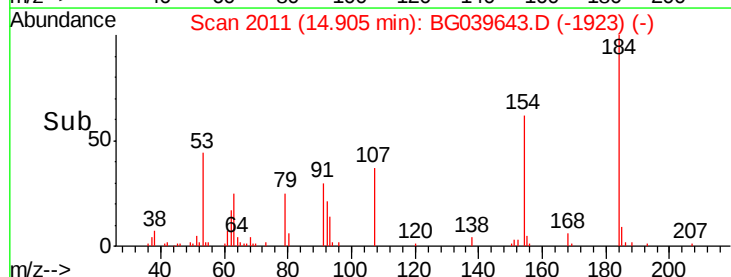
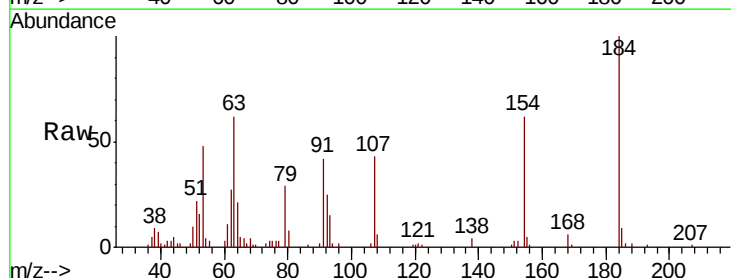
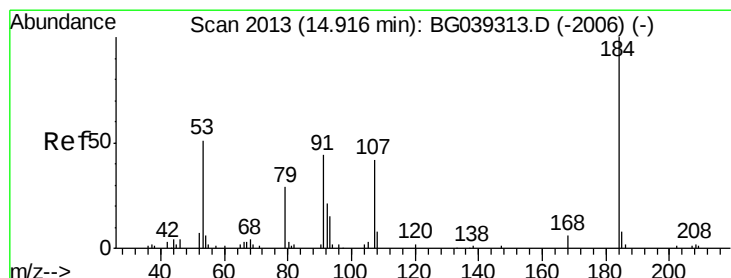
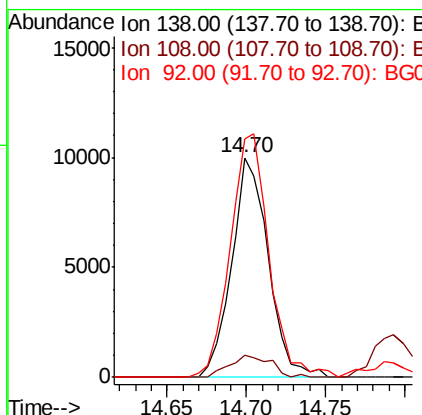
#53
3-Nitroaniline
Concen: 11.561 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion:138 Resp: 16036
Ion Ratio Lower Upper
138 100
108 10.1 13.8 20.8#
92 108.7 103.7 155.5

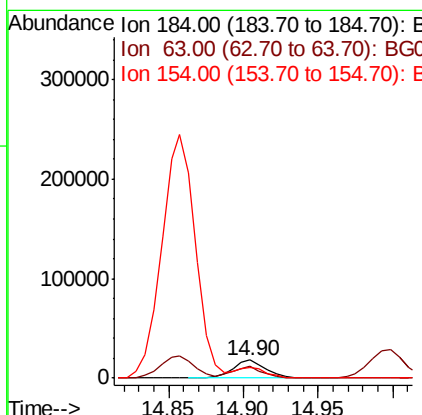
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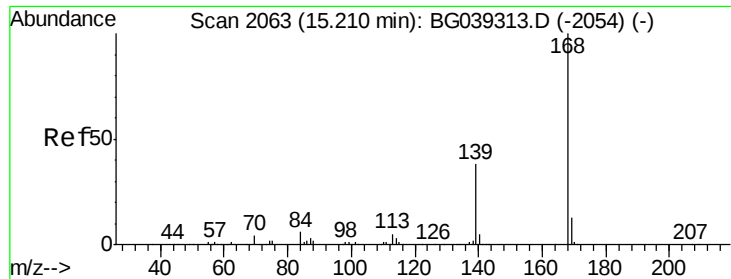
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#54
2,4-Dinitrophenol
Concen: 38.093 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:184 Resp: 28102
Ion Ratio Lower Upper
184 100
63 62.2 50.9 76.3
154 61.6 53.0 79.6





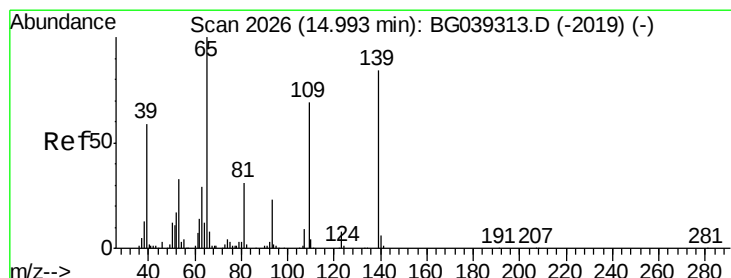
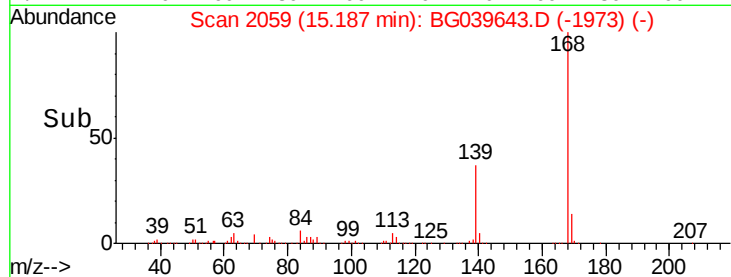
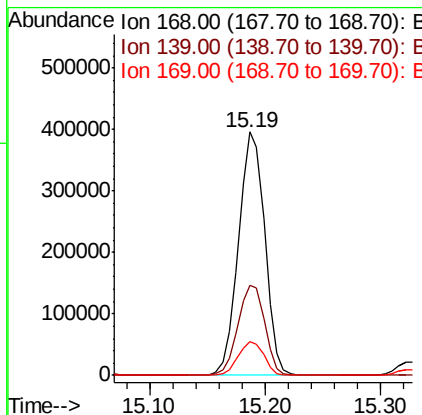
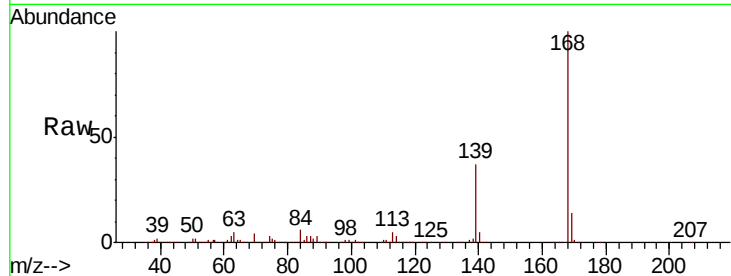
#55
Dibenzenofuran
Concen: 42.203 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.8	10.6	16.0

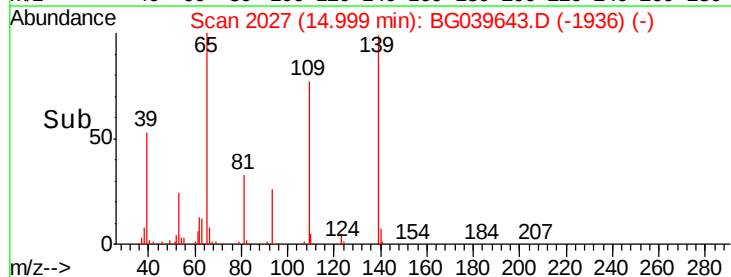
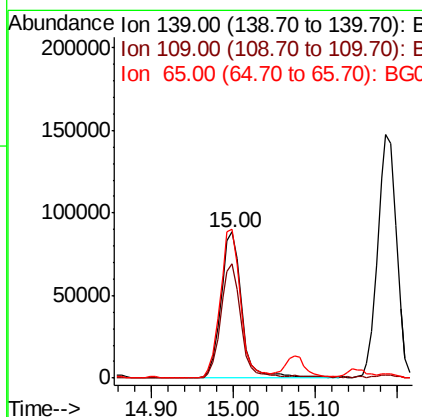
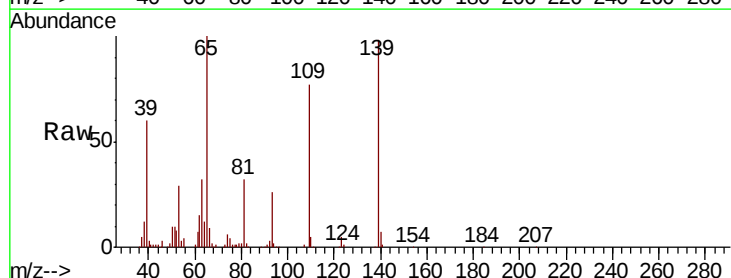
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#56
4-Nitrophenol
Concen: 72.474 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.0	61.9	101.9
65	101.9	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 56.087 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

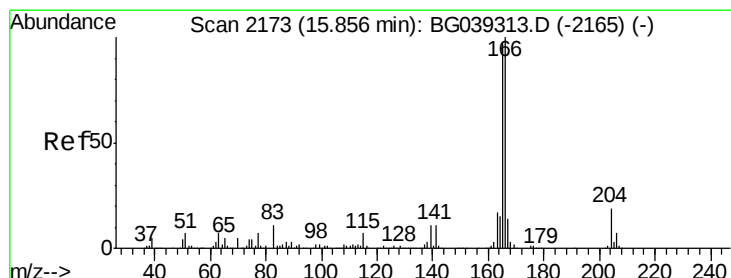
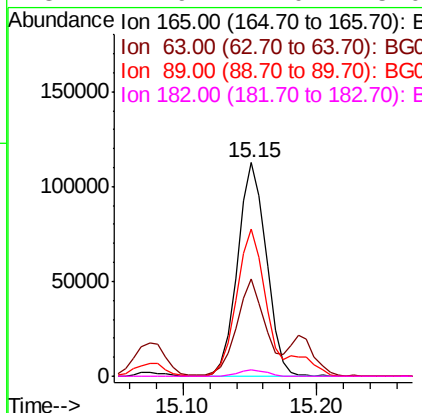
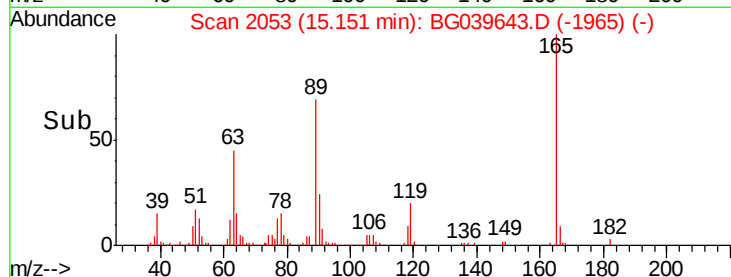
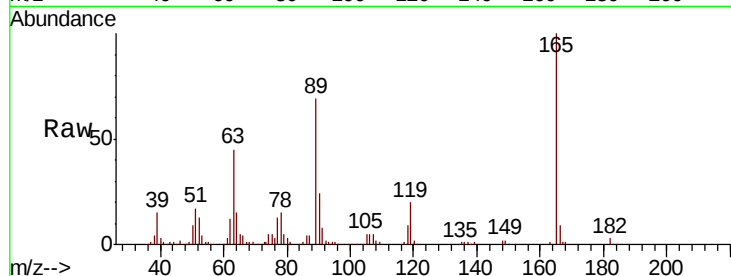
ClientSampleId :

OK-02-022519MS

Tot Ion:	165	Resp:	167347
Ion Ratio	Lower	Upper	
165	100		
63	45.5	41.0	61.6
89	68.9	64.6	96.8
182	2.9	2.0	3.0

Manual Integrations
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#58

Fluorene

Concen: 45.291 ng

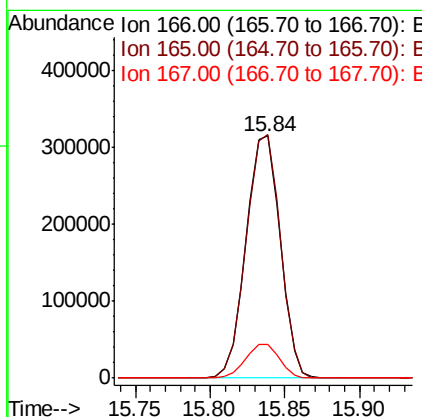
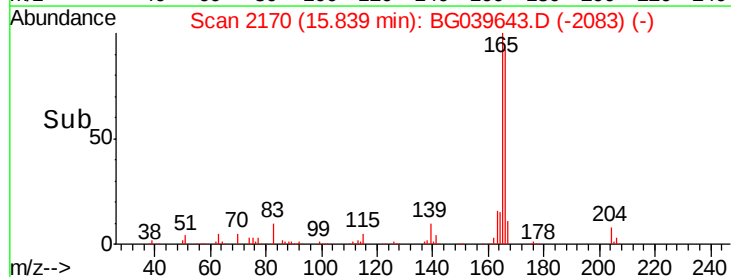
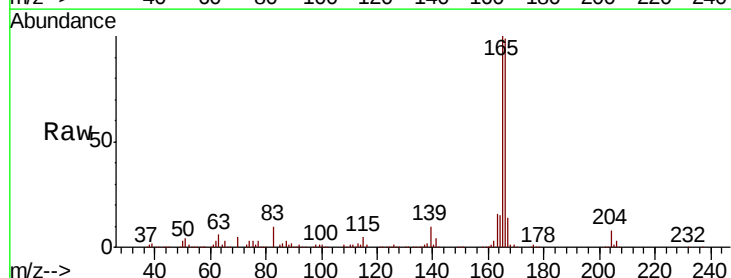
RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	166	Resp:	498135
Ion Ratio	Lower	Upper	
166	100		
165	100.7	77.9	116.9
167	13.8	10.8	16.2





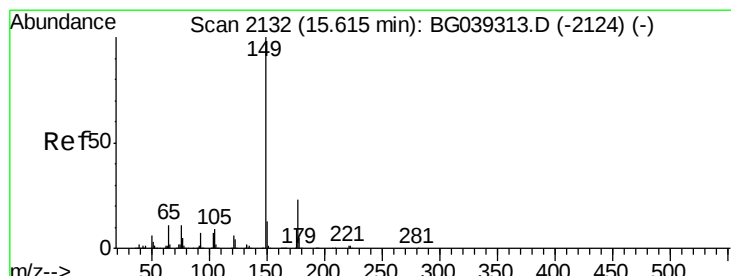
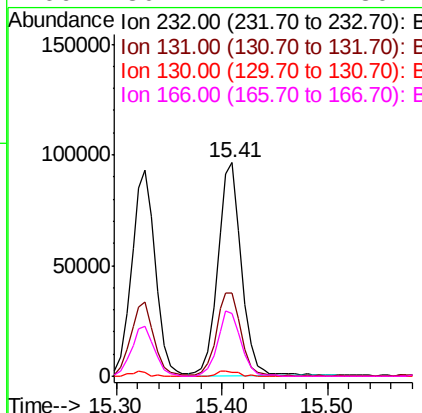
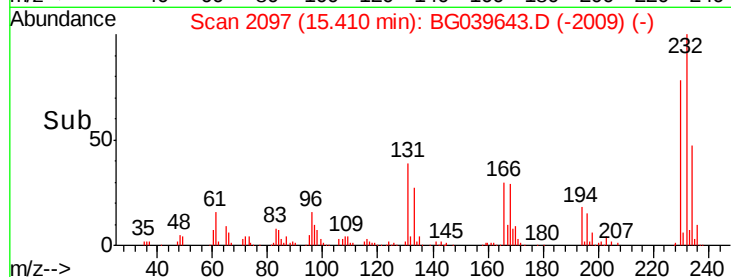
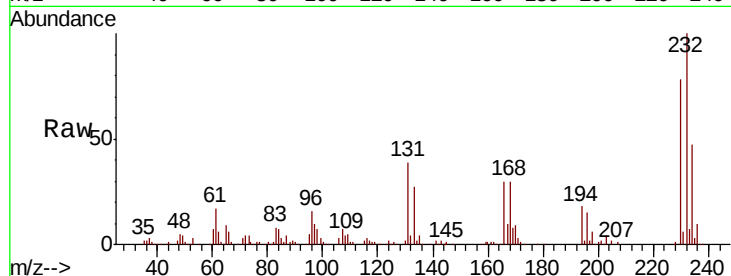
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.079 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tot Ion:	232	Resp:	150067
Ion Ratio		Lower	Upper
232	100		
131	40.2	34.9	52.3
130	2.2	2.0	3.0
166	30.4	24.1	36.1

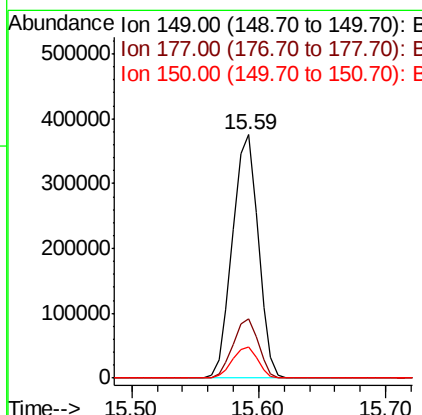
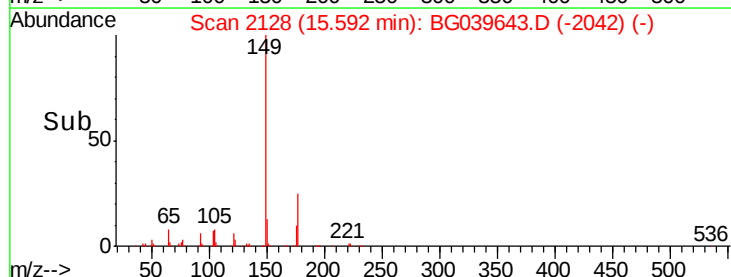
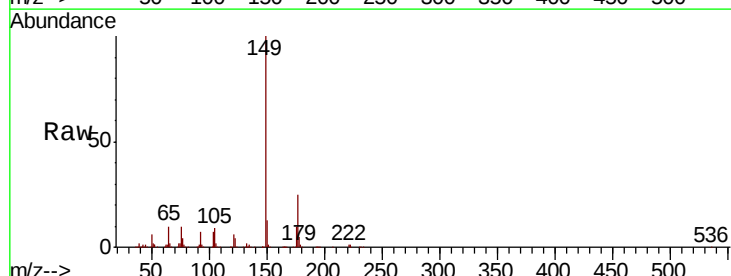
Manual Integrations
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#60
 Diethylphthalate
 Concen: 41.975 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion:	149	Resp:	526110
Ion Ratio		Lower	Upper
149	100		
177	24.6	18.3	27.5
150	12.6	10.2	15.2





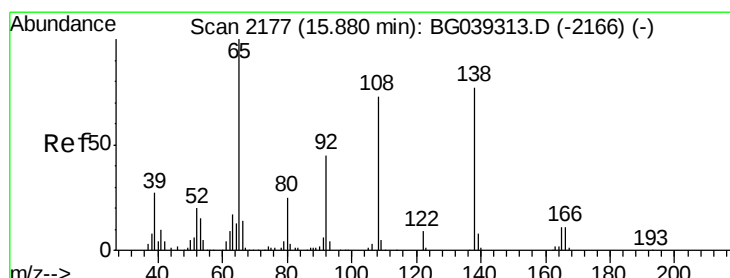
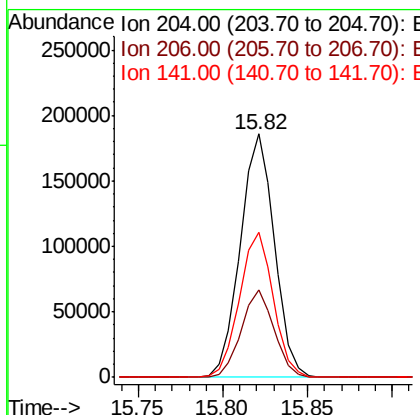
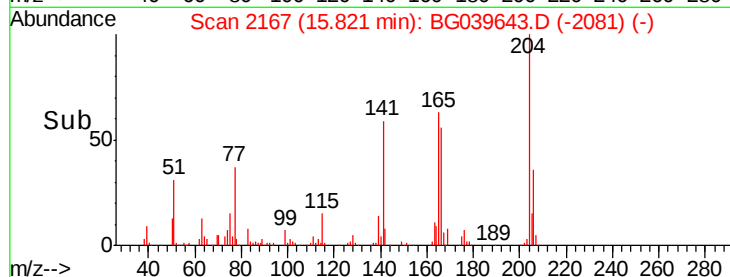
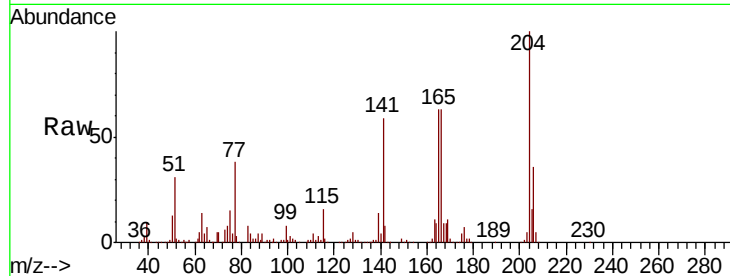
#61
 4-Chlorophenyl-phenylether
 Concen: 41.842 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleID :
 OK-02-022519MS

Tot Ion:	204	Resp:	260578
Ion Ratio		Lower	Upper
204	100		
206	35.9	29.2	43.8
141	59.4	49.0	73.4

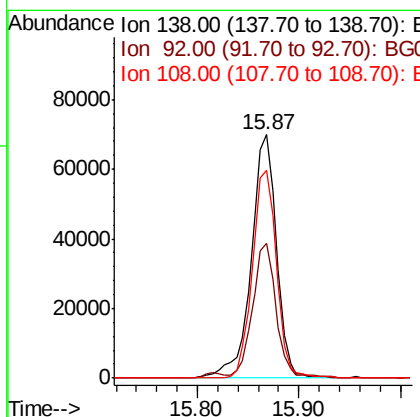
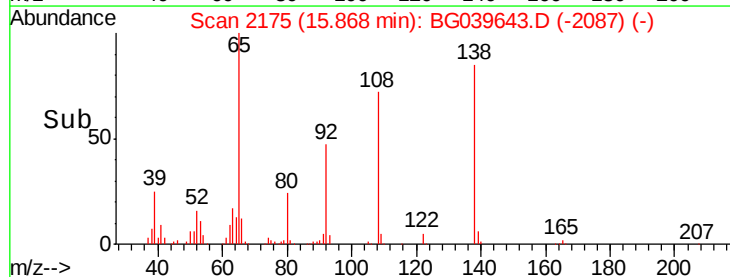
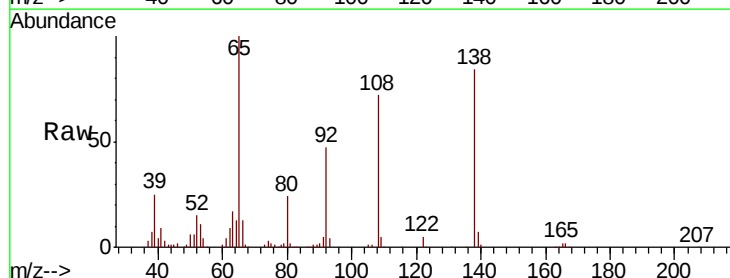
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#62
 4-Nitroaniline
 Concen: 47.742 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion:	138	Resp:	121302
Ion Ratio		Lower	Upper
138	100		
92	55.4	38.7	78.7
108	85.2	74.6	114.6





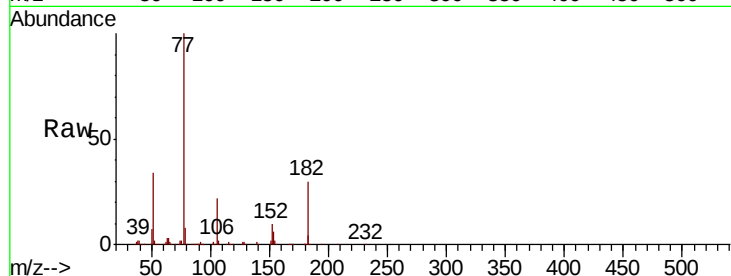
#63
Azobenzene
Concen: 39.122 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

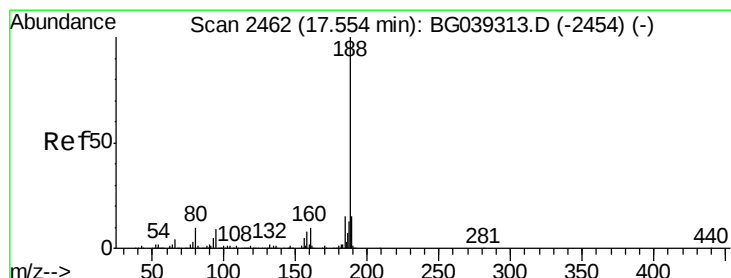
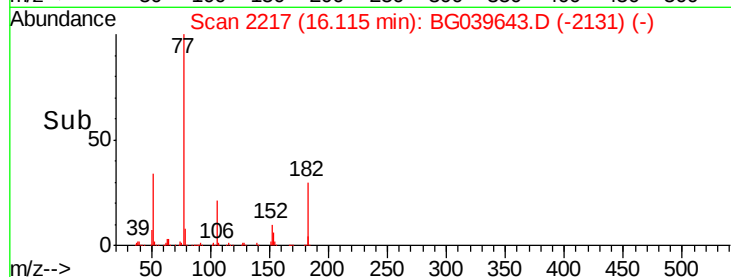
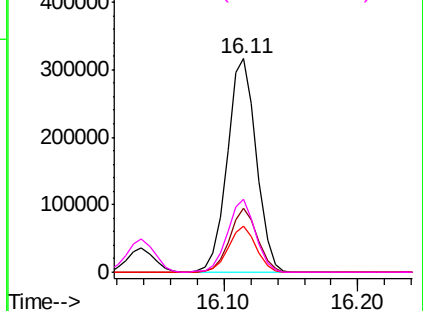
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.9	6.4	46.4
105	21.7	0.0	39.8
51	34.0	14.1	54.1

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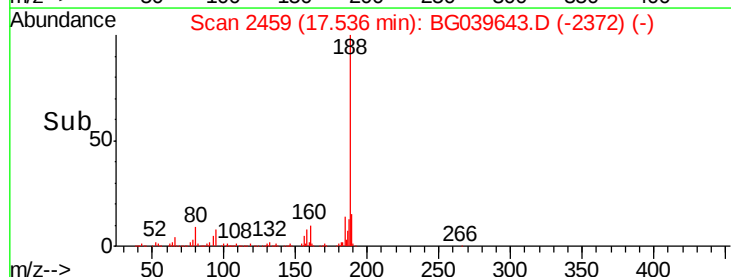
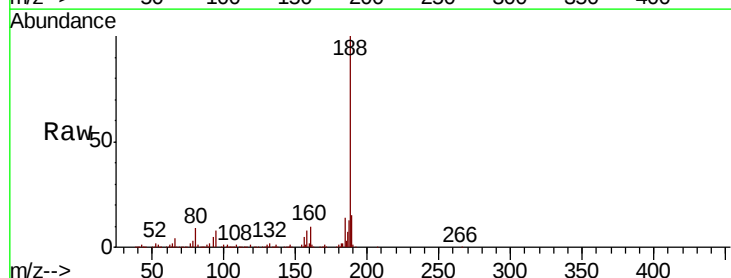
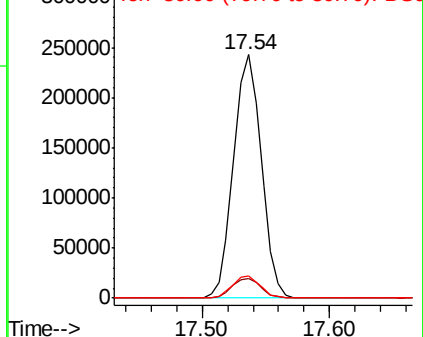
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

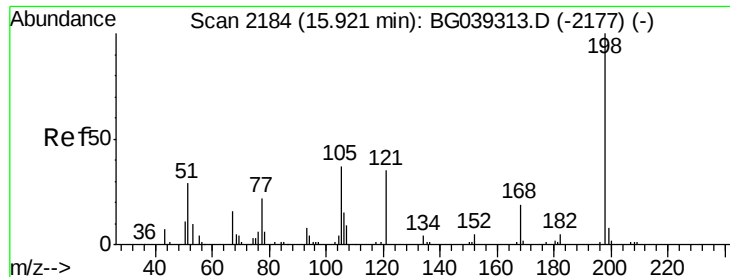


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.4	8.1	12.1

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





#65

4,6-Dinitro-2-methylphenol

Concen: 31.879 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

Tot Ion:198 Resp: 39458

Ion Ratio Lower Upper

198 100

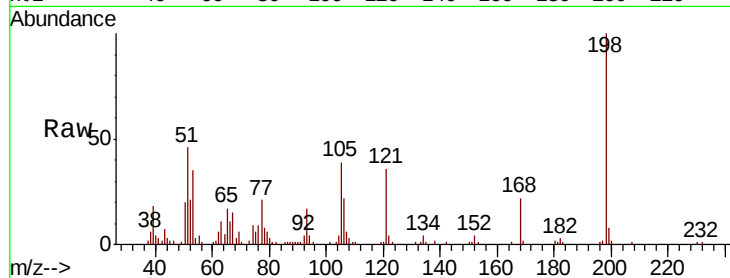
51 46.1 27.4 67.4

105 38.6 19.7 59.7

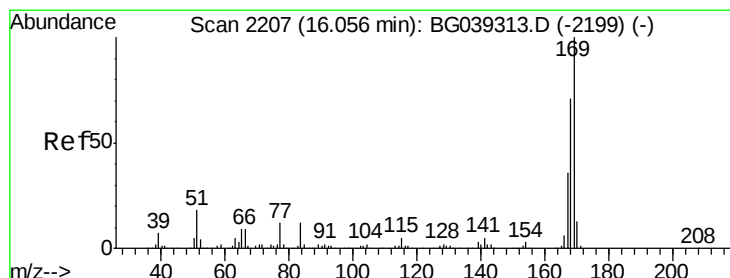
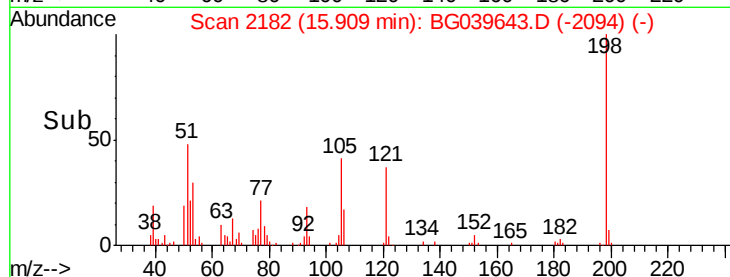
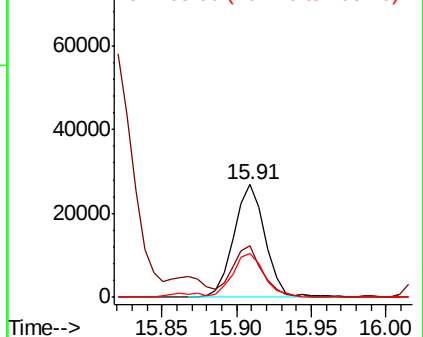
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.450 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

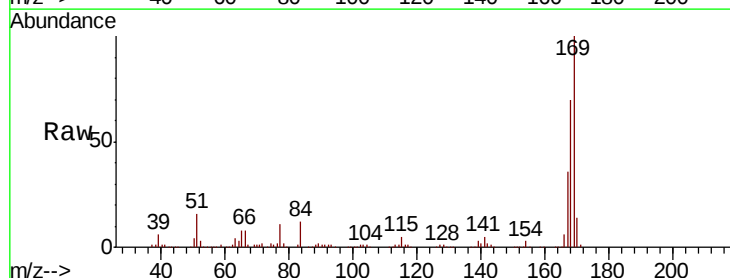
Tgt Ion:169 Resp: 465149

Ion Ratio Lower Upper

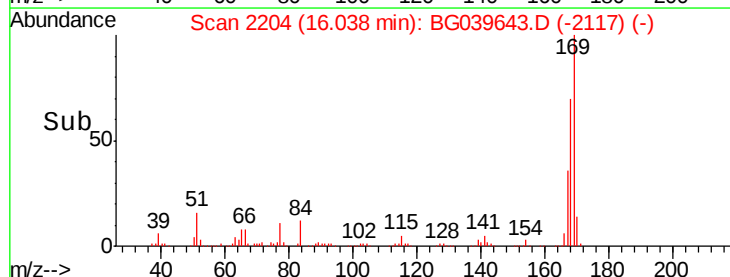
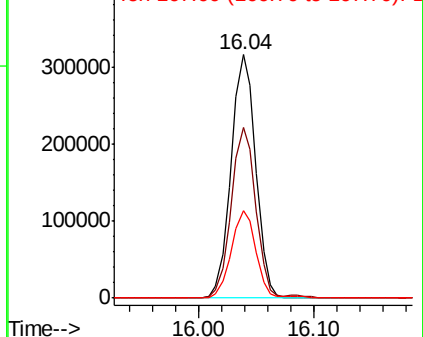
169 100

168 70.0 56.6 85.0

167 36.0 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





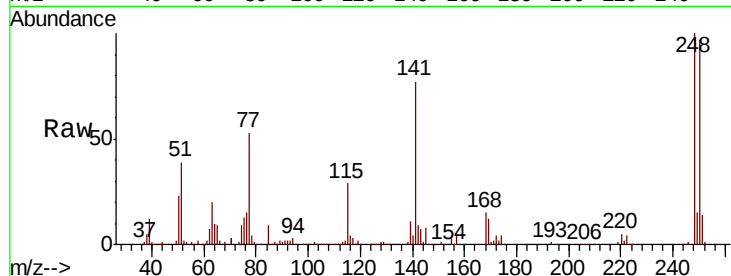
#67
 4-Bromophenyl-phenylether
 Concen: 42.293 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.6	116.4
141	76.6	63.9	95.9

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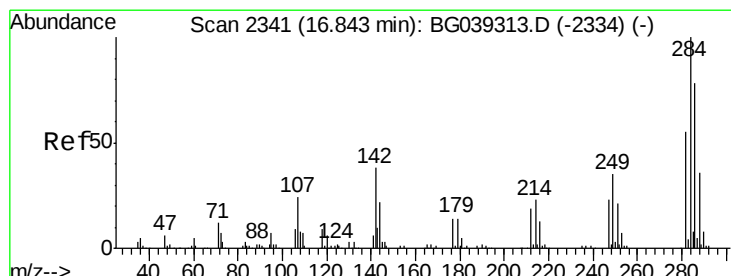
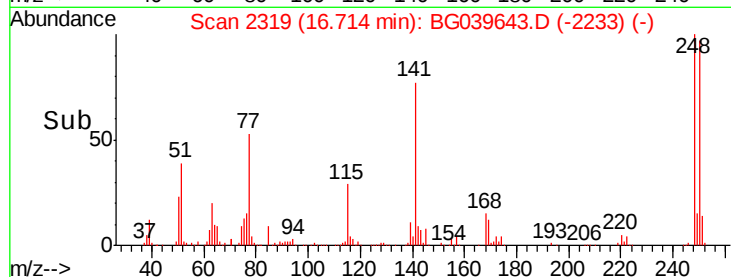
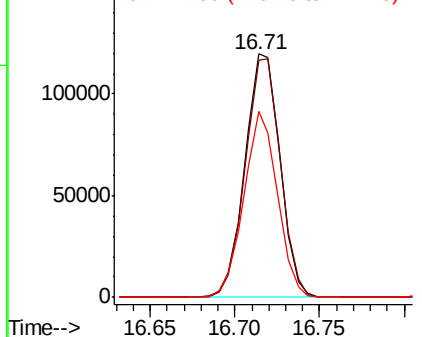


Abundance

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: 44.528 ng
 RT: 16.83 min Scan# 2338
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

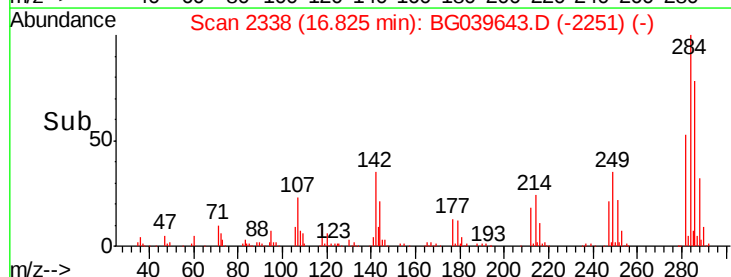
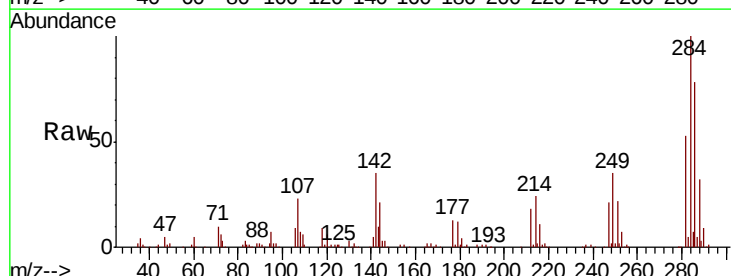
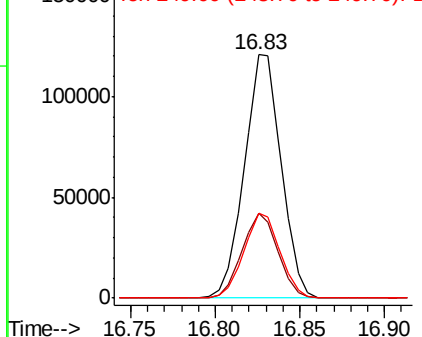
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	30.6	45.8
249	34.8	28.2	42.2

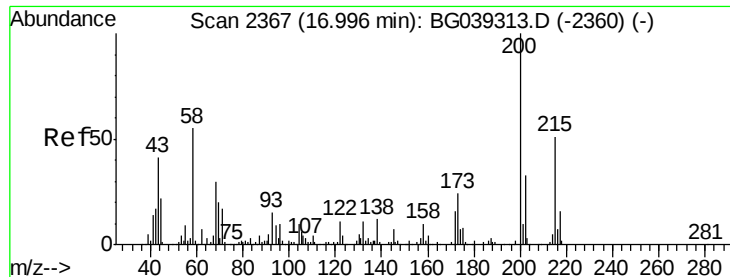
Abundance

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





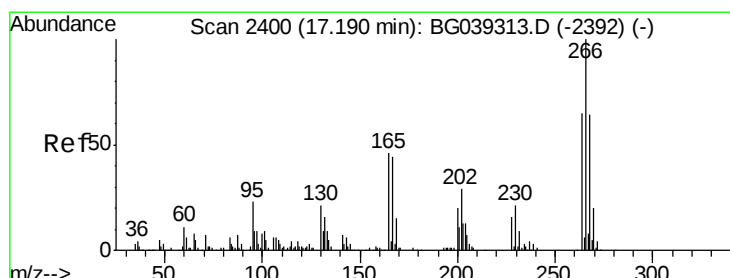
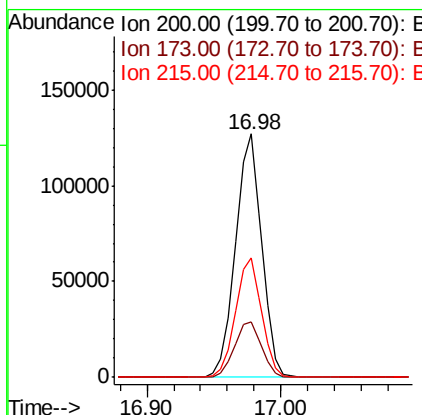
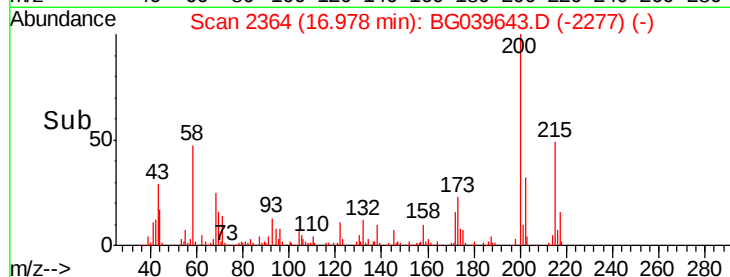
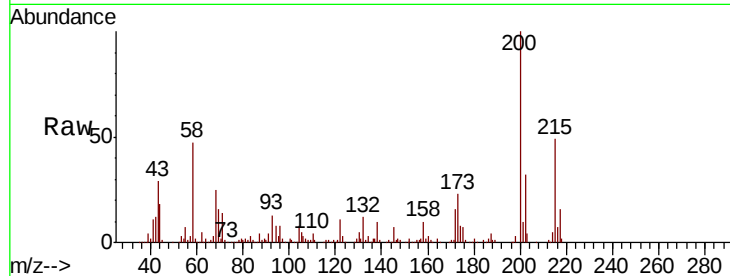
#69
Atrazine
Concen: 42.119 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.8	3.9	43.9
215	49.3	30.9	70.9

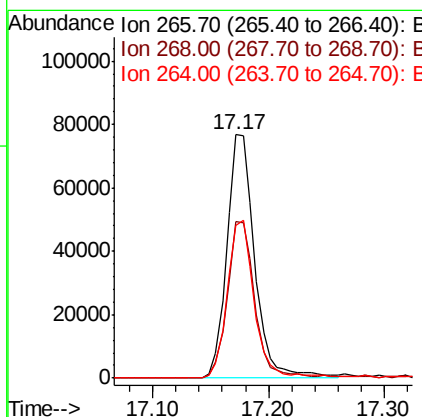
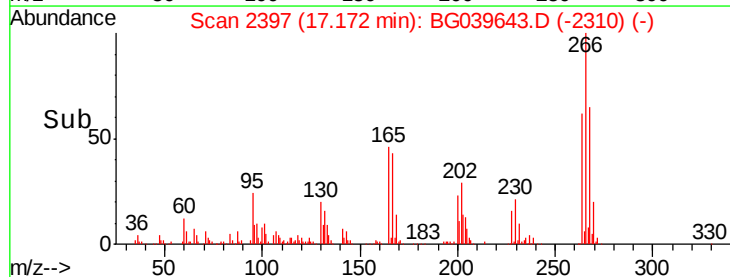
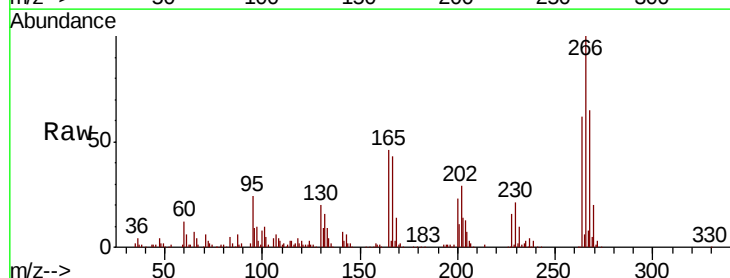
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#70
Pentachlorophenol
Concen: 44.754 ng
RT: 17.17 min Scan# 2397
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.5	51.1	76.7
264	62.5	52.1	78.1





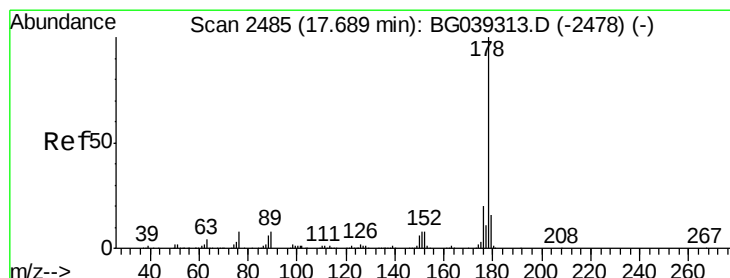
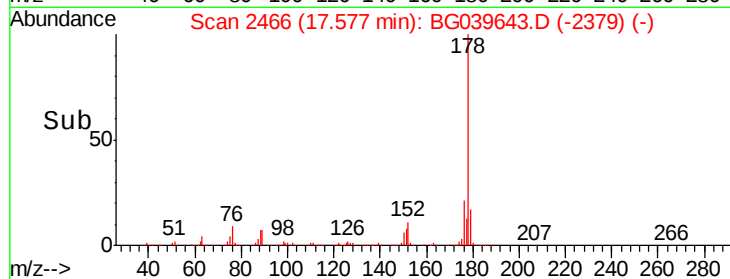
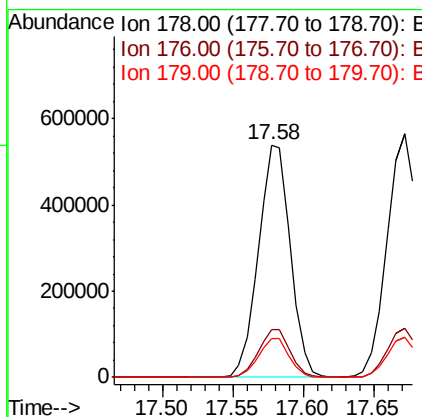
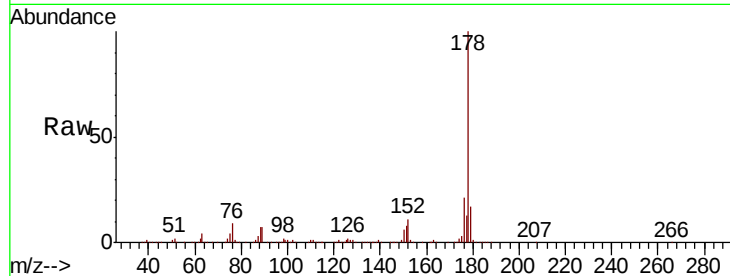
#71
Phenanthrene
Concen: 44.892 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.6	12.6	19.0

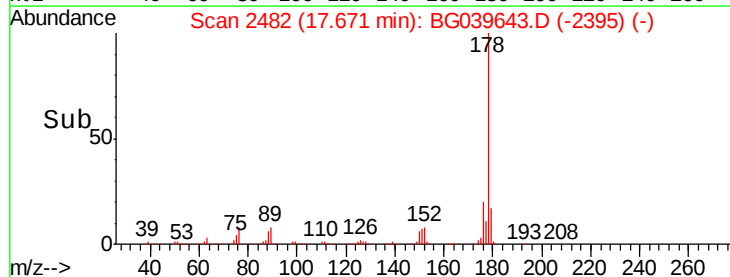
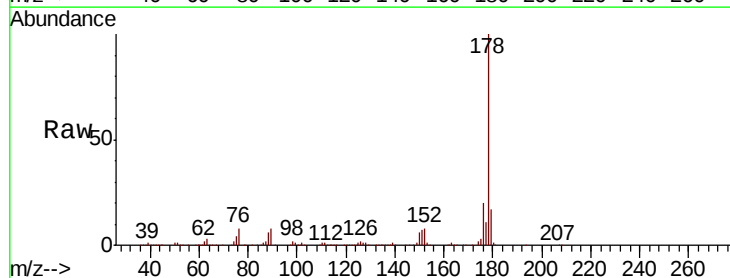
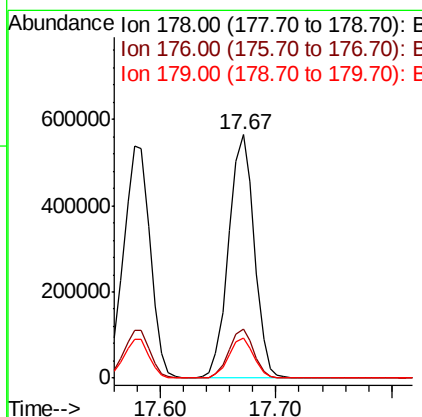
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#72
Anthracene
Concen: 46.036 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.6	12.5	18.7





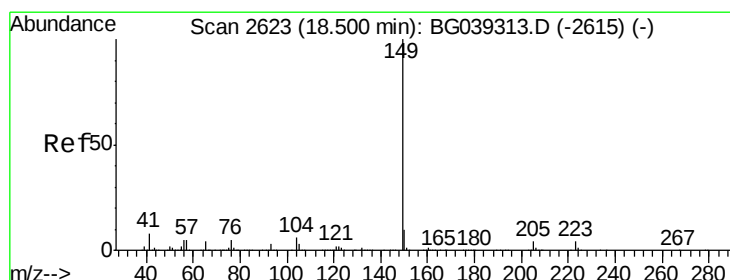
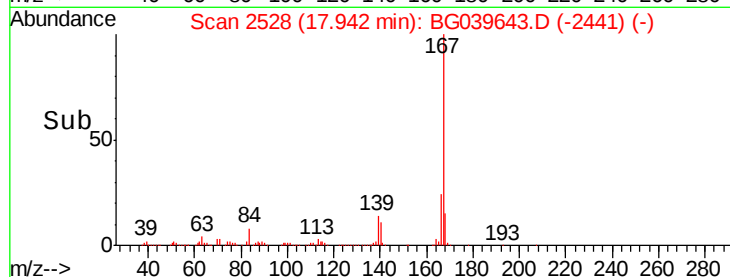
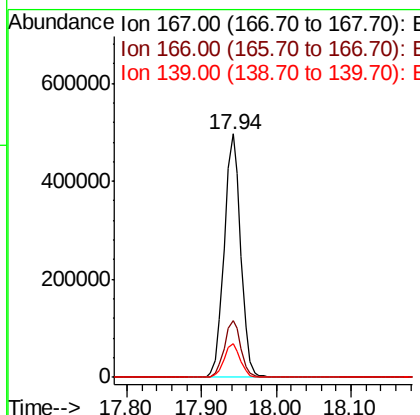
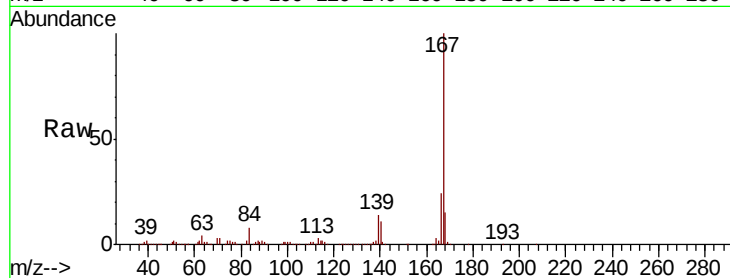
#73
 Carbazole
 Concen: 40.915 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.4	29.2
139	13.9	10.8	16.2

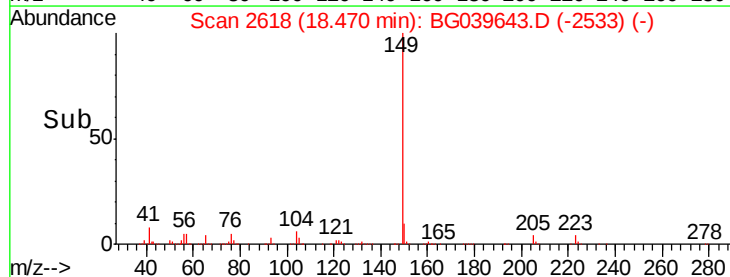
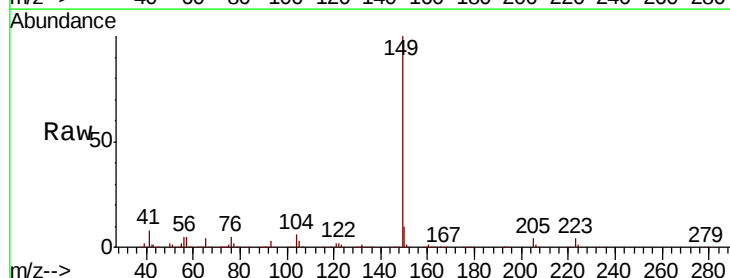
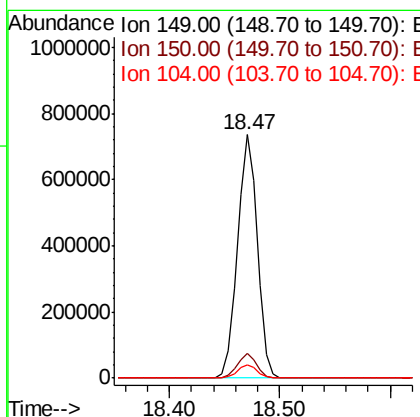
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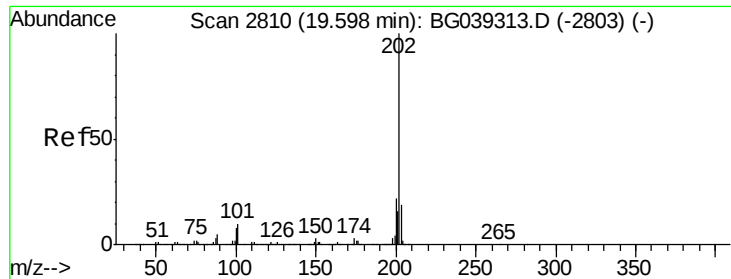
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#74
 Di-n-butylphthalate
 Concen: 42.289 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.5	6.7





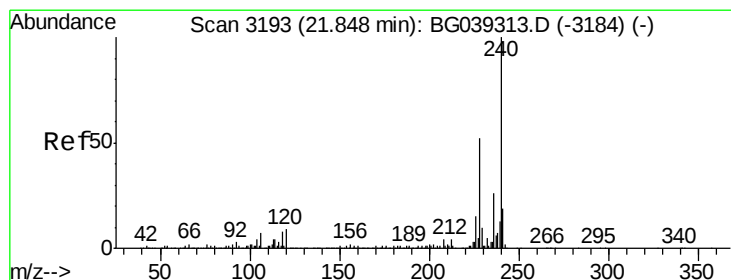
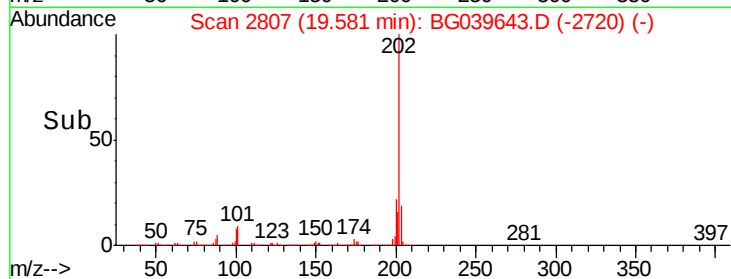
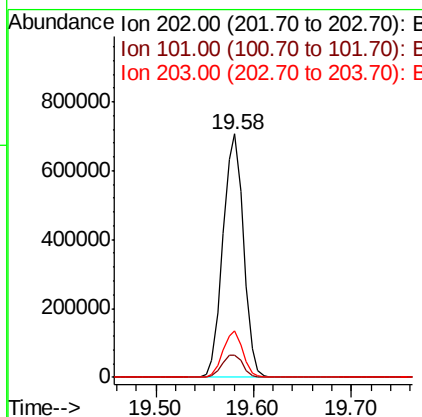
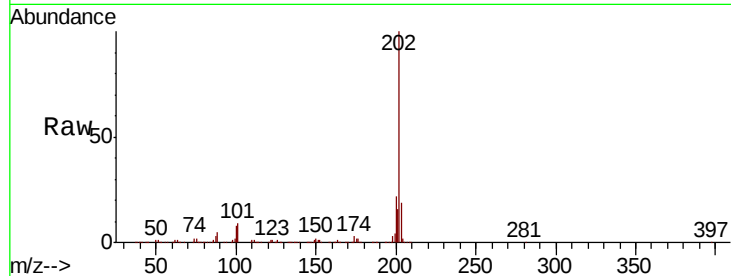
#75
 Fluoranthene
 Concen: 46.560 ng
 RT: 19.58 min Scan# 2807
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1032268		
101	9.1		0.0	30.0
203	19.0		0.0	38.9

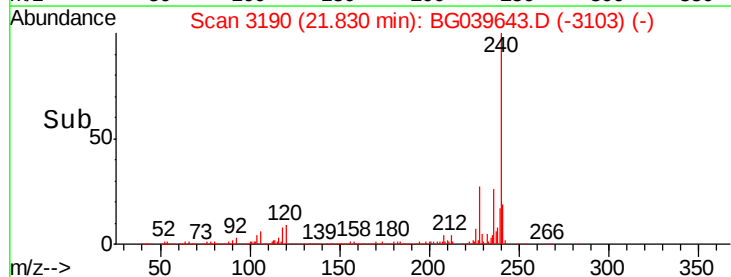
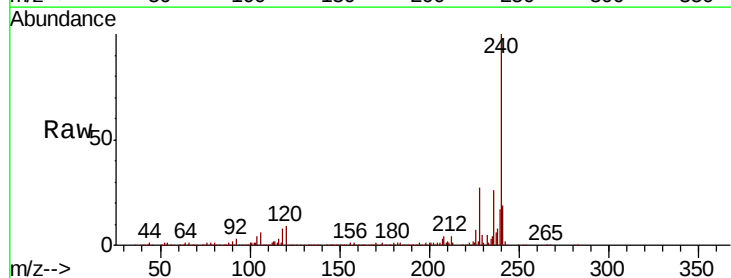
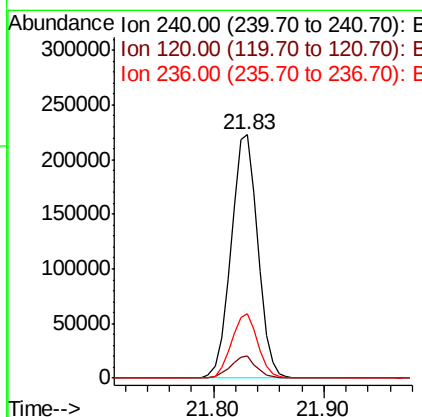
Manual Integrations
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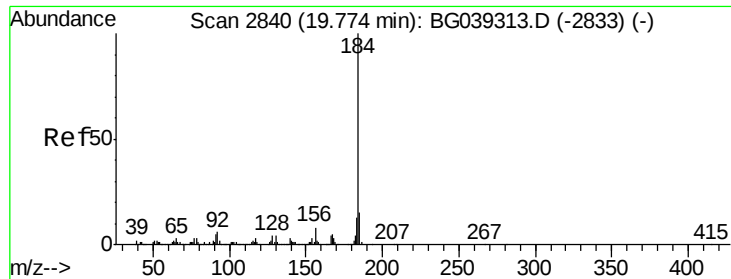
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	378403		
120	8.8		7.0	10.6
236	26.2		21.0	31.4





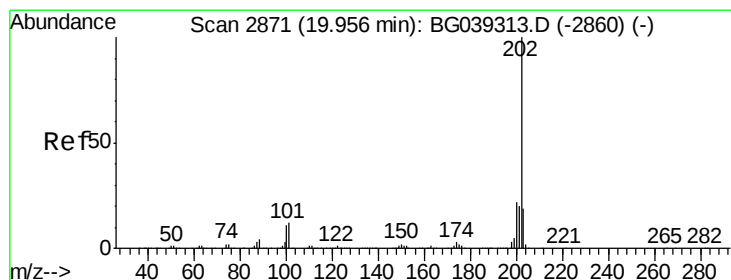
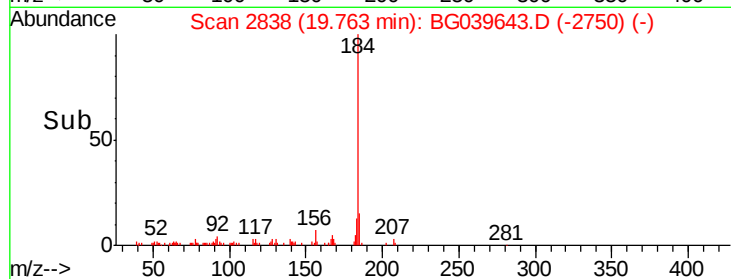
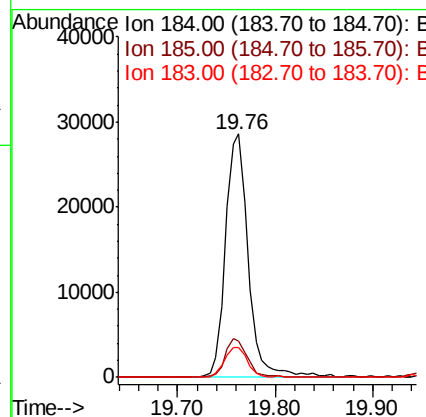
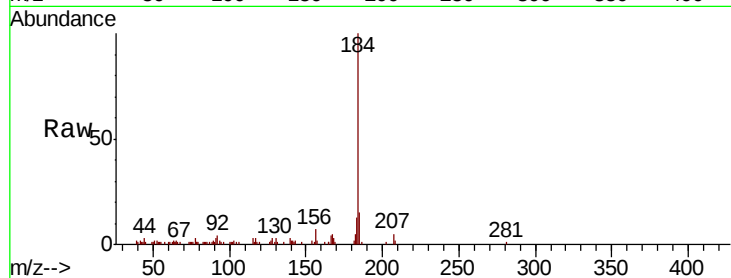
#77
Benzidine
Concen: 3.733 ng
RT: 19.76 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	12.5	10.6	15.8

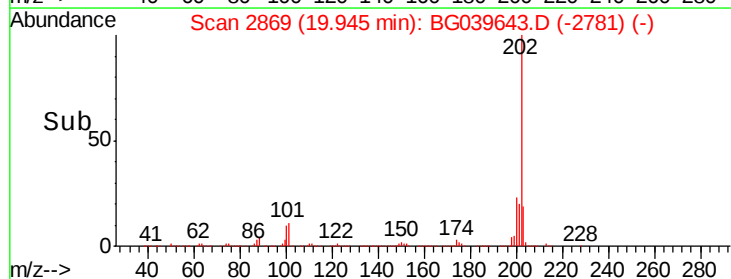
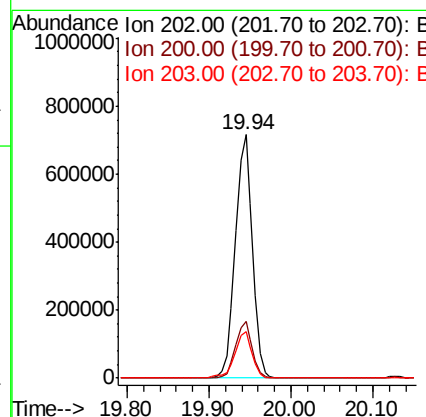
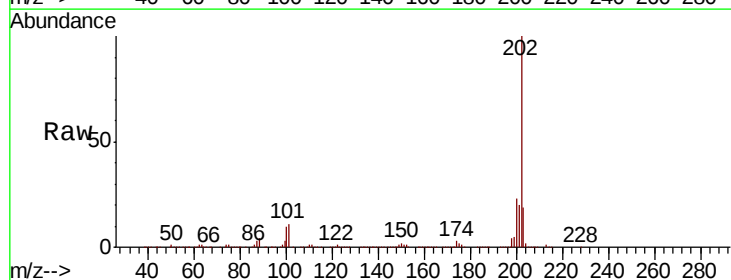
Manual Integrations
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#78
Pyrene
Concen: 44.366 ng
RT: 19.94 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.8	26.8
203	19.2	15.3	22.9





#79

Terphenyl-d14

Concen: 88.397 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

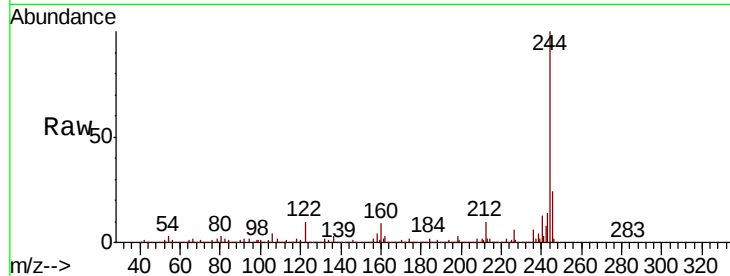
ClientSampleId :

OK-02-022519MS

Tot Ion:	244	Resp:	1580287
Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.3	10.9
122	10.2	8.4	12.6

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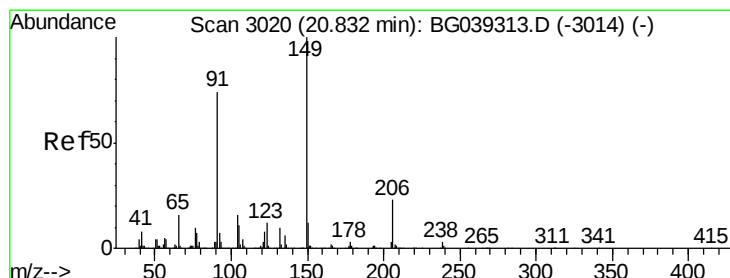
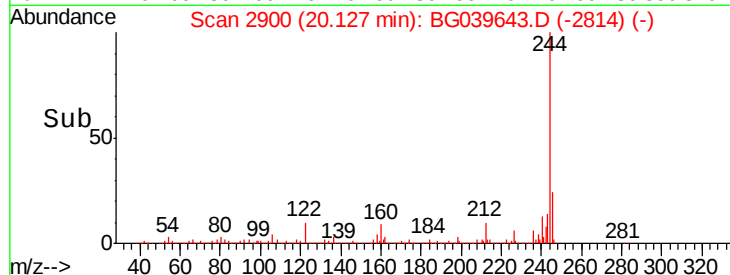
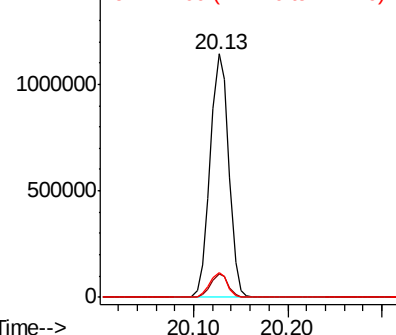


Abundance

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: 44.189 ng

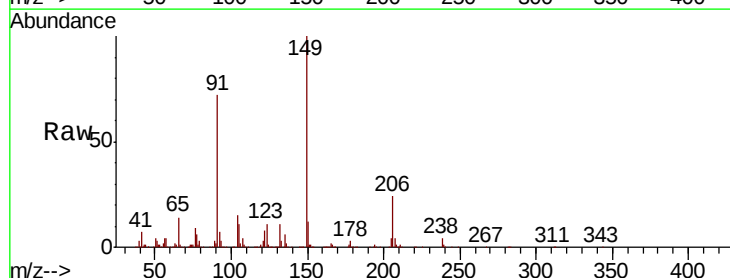
RT: 20.81 min Scan# 3016

Delta R.T. -0.02 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Tgt Ion:	149	Resp:	439107
Ion	Ratio	Lower	Upper
149	100		
91	71.6	59.5	89.3
206	24.3	18.6	27.8

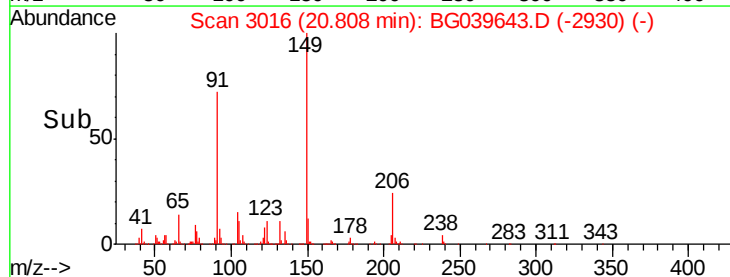
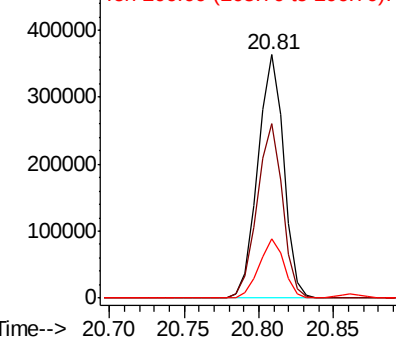


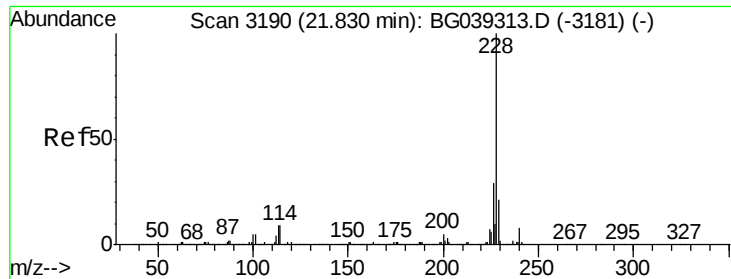
Abundance

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





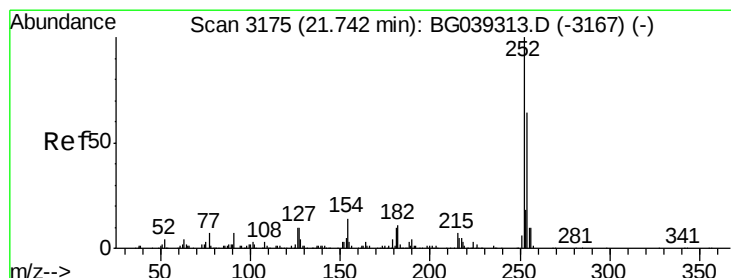
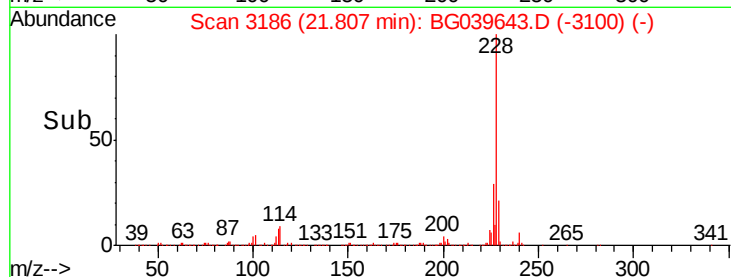
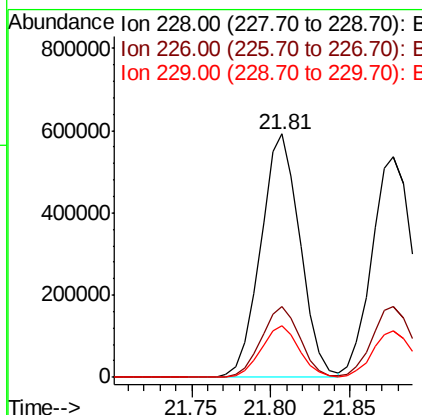
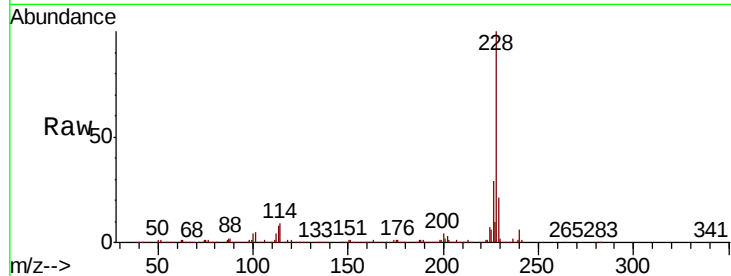
#81
Benzo(a)anthracene
Concen: 45.652 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	21.4	16.9	25.3

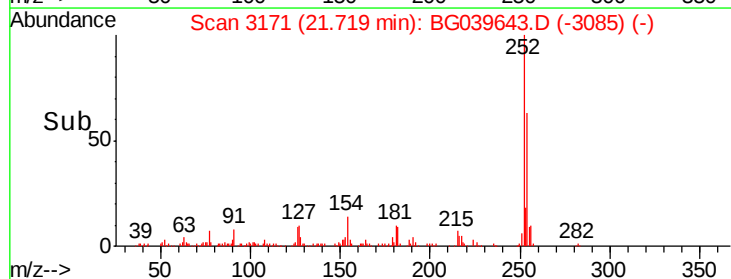
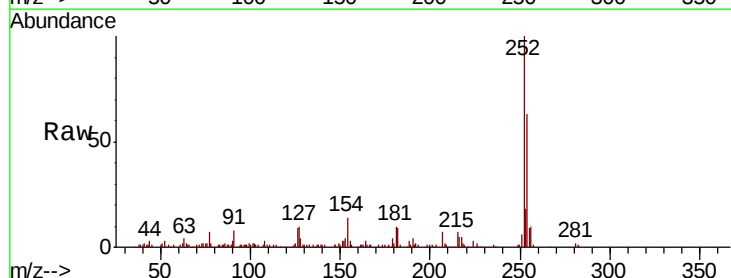
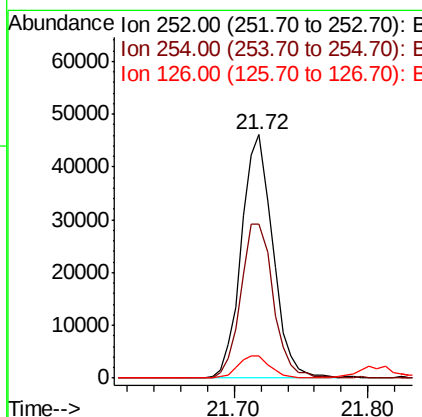
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 9.035 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.3	76.9
126	9.1	8.0	12.0





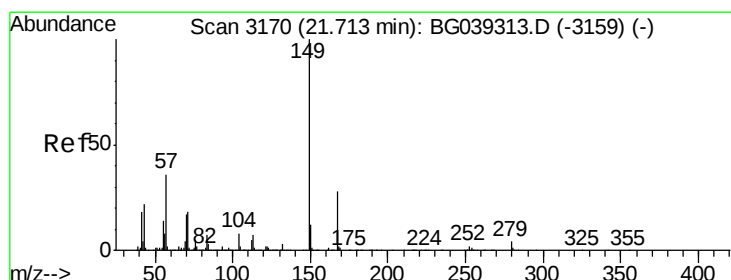
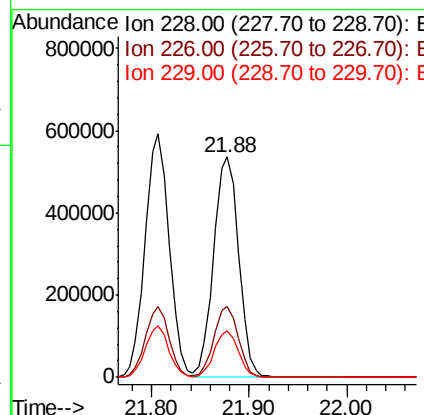
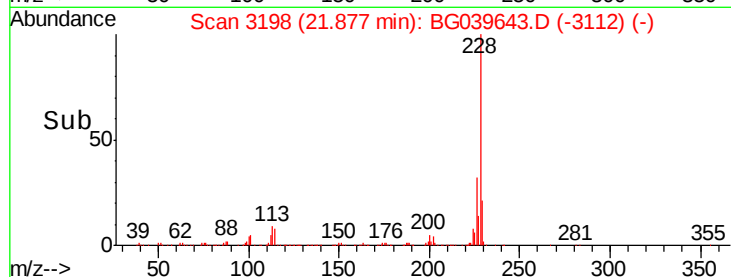
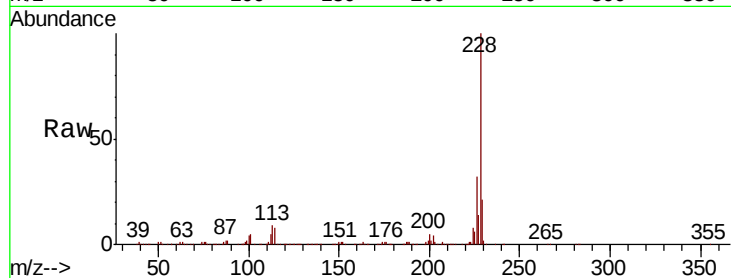
#83
 Chrysene
 Concen: 44.766 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MS

Tot Ion:	228	Resp:	952847
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.8	38.6
229	20.9	16.6	25.0

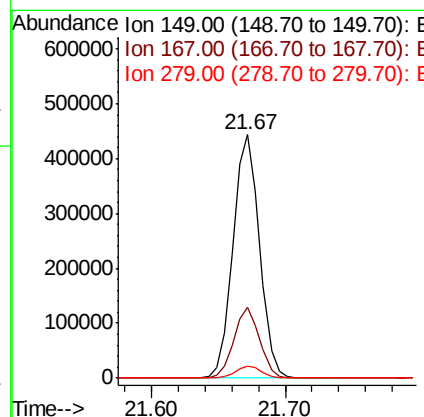
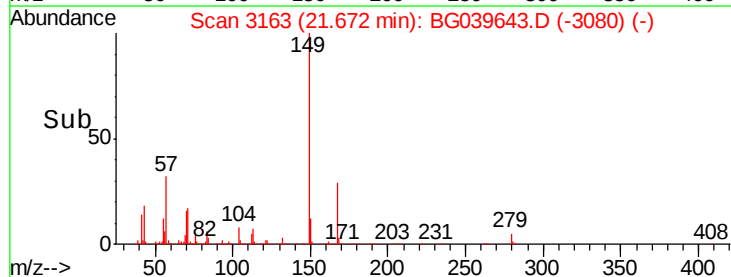
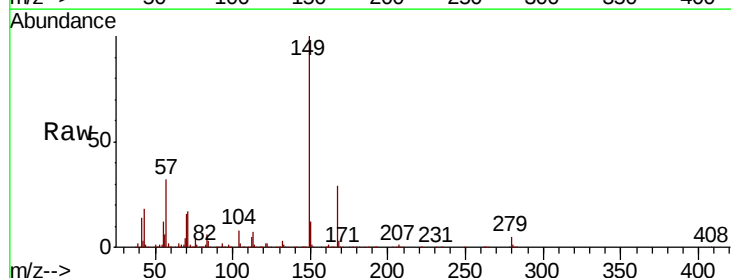
Manual Integrations
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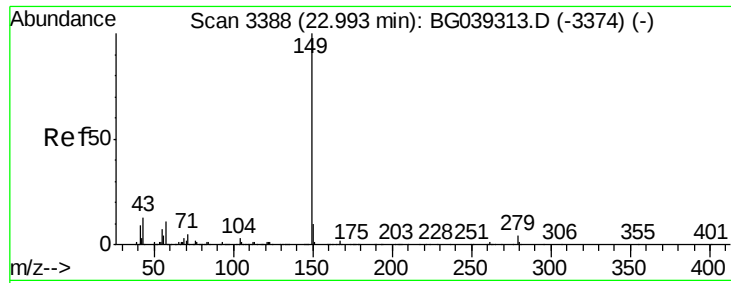
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.279 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.04 min
 Lab File: BG039643.D
 Acq: 27 Feb 2019 20:36

Tgt Ion:	149	Resp:	613556
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.6	34.0
279	5.0	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 44.603 ng

RT: 22.93 min Scan# 3377

Delta R.T. -0.06 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MS

Tot Ion:149 Resp: 1044663

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

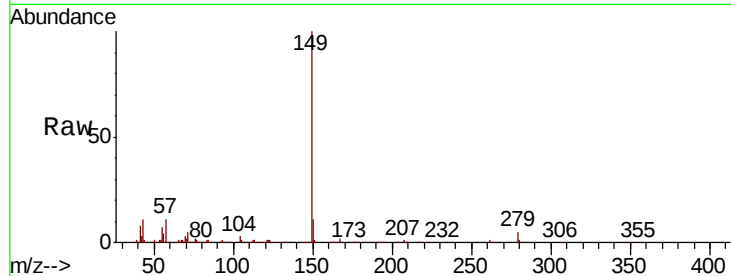
43 10.7 10.2 15.4

Manual Integrations

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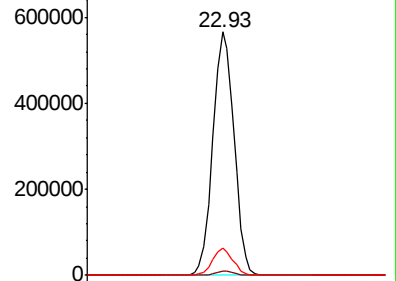
2/28/2019 1:32:08 PM



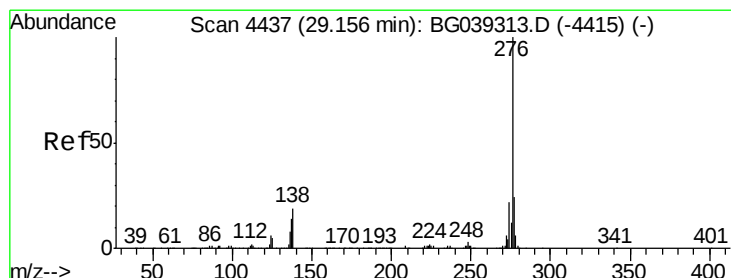
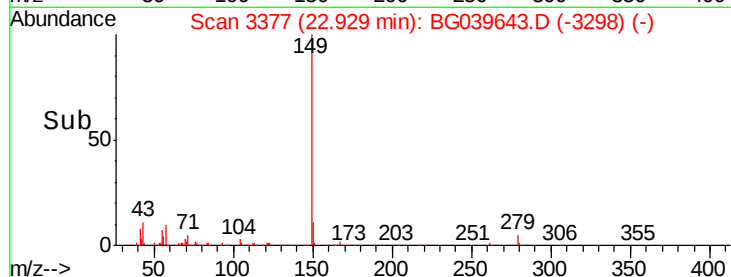
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.094 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.06 min

Lab File: BG039643.D

Acq: 27 Feb 2019 20:36

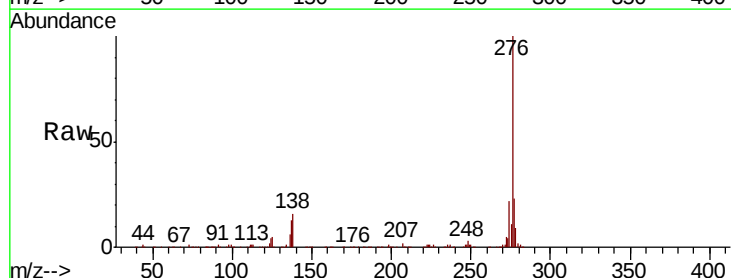
Tgt Ion:276 Resp: 1166836

Ion Ratio Lower Upper

276 100

138 20.5 12.6 19.0#

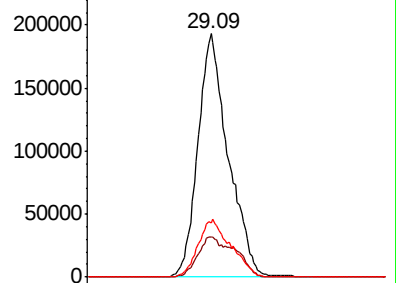
277 25.5 20.8 31.2



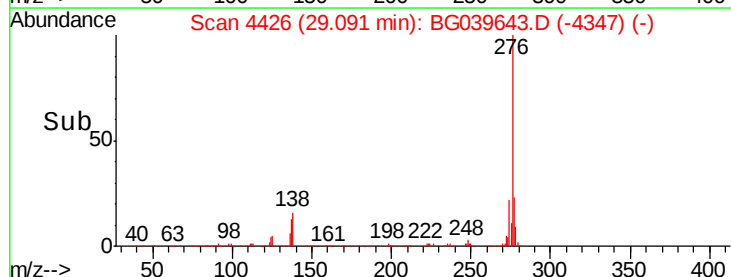
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





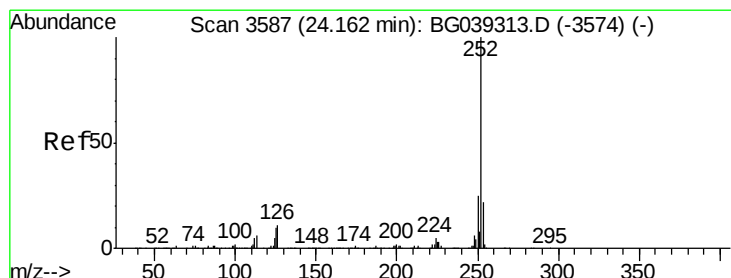
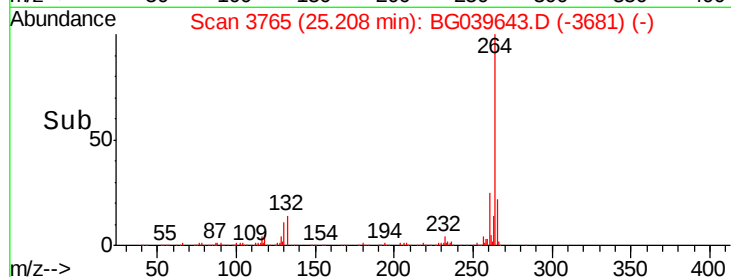
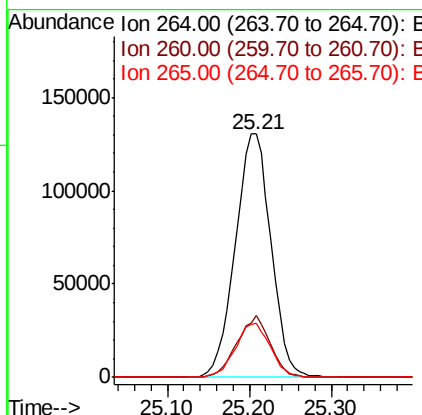
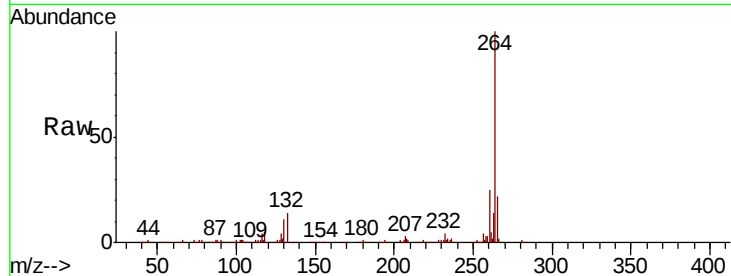
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion:	264	Resp:	395881
Ion Ratio	Lower	Upper	
264	100		
260	25.5	18.2	27.4
265	22.3	18.5	27.7

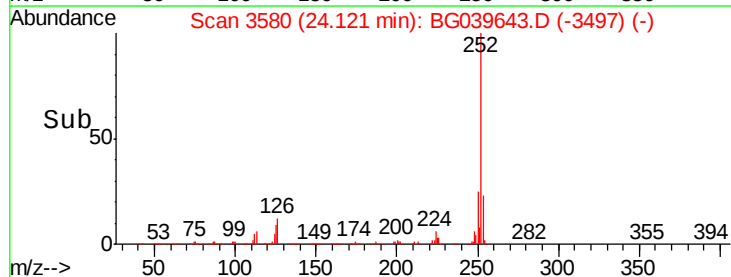
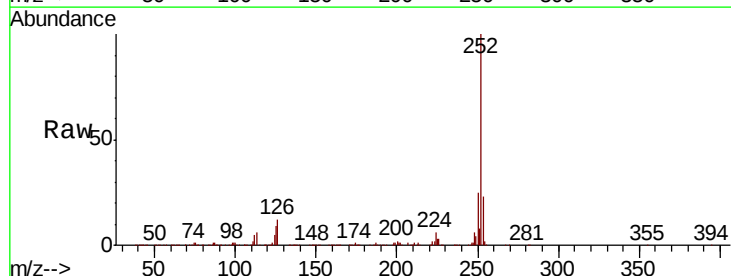
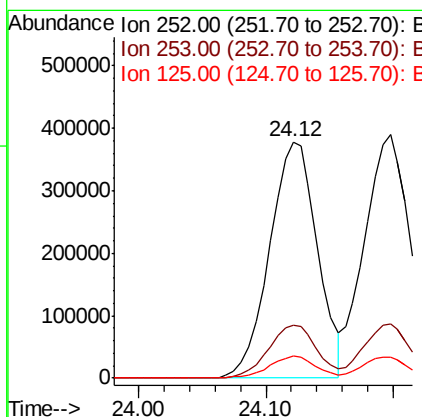
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 45.968 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion:	252	Resp:	992430
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	9.1	7.8	11.6





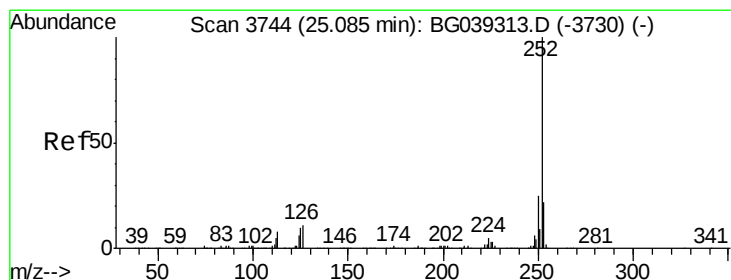
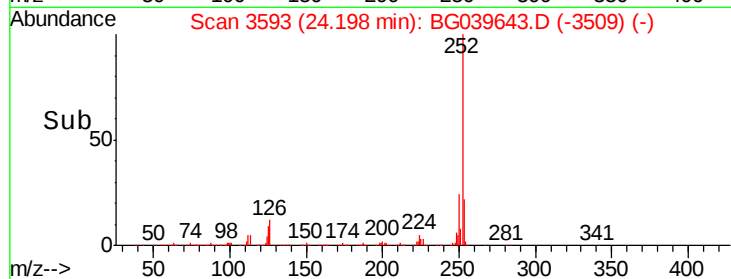
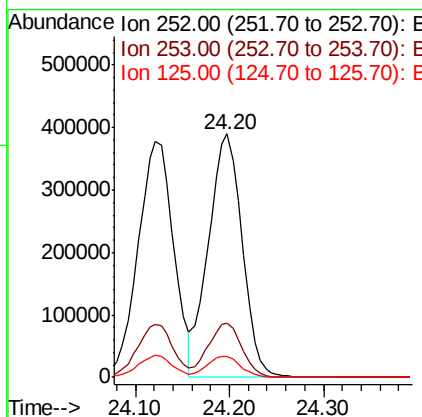
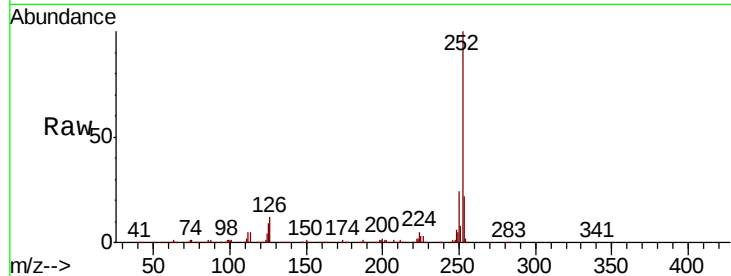
#89
Benzo(k)fluoranthene
Concen: 44.914 ng
RT: 24.20 min Scan# 3593
Delta R.T. -0.04 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.7	7.4	11.2

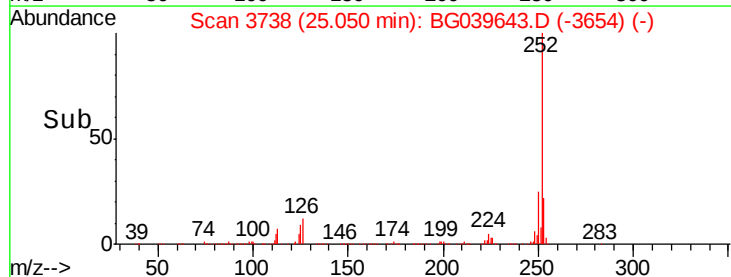
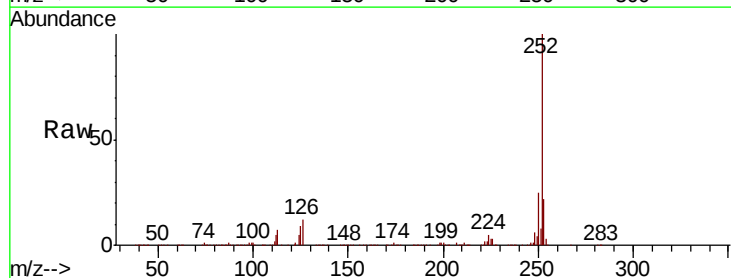
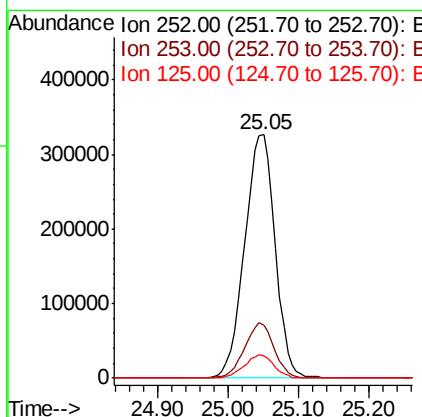
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 47.153 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	9.2	8.3	12.5





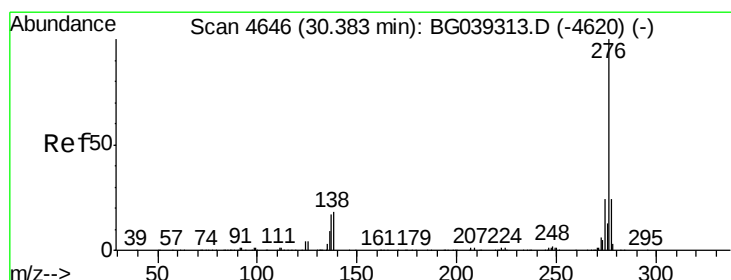
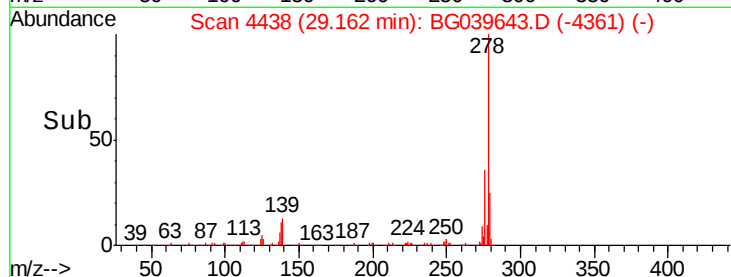
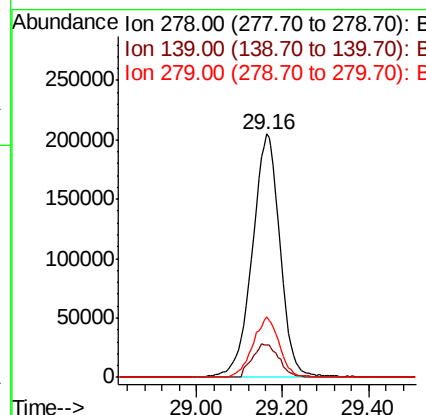
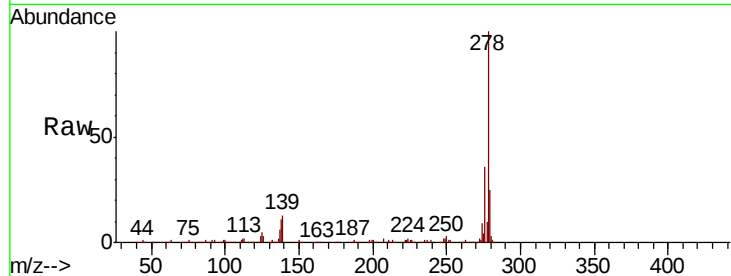
#91
Dibenzo(a,h)anthracene
Concen: 48.303 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	24.6	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.198 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039643.D
Acq: 27 Feb 2019 20:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	17.9	14.7	22.1

