

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039045.D
 Acq On : 10 Jan 2019 8:14
 Operator : JU/SJ
 Sample : K1006-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:15:29 PM

Quant Time: Jan 10 09:52:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	23496	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	111331	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	91119	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	248196	20.00	ng	0.00
76) Chrysene-d12	21.70	240	199987	20.00	ng	0.00
87) Perylene-d12	24.98	264	220327	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	182598	147.42	ng	0.00
7) Phenol-d6	7.19	99	254609	142.84	ng	0.00
23) Nitrobenzene-d5	9.21	82	172682	84.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	227697	149.07	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	525578	78.94	ng	0.00
79) Terphenyl-d14	20.03	244	1012945	93.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	13941	28.742	ng	# 29
3) Pyridine	3.87	79	46703	35.436	ng	94
4) n-Nitrosodimethylamine	3.79	42	29486	49.718	ng	89
6) Aniline	7.36	93	48664	22.732	ng	99
8) 2-Chlorophenol	7.59	128	75164	51.480	ng	98
9) Benzaldehyde	7.17	77	24532	23.865	ng	94
10) Phenol	7.22	94	86653	48.488	ng	100
11) bis(2-Chloroethyl)ether	7.45	93	62318	45.625	ng	96
12) 1,3-Dichlorobenzene	7.92	146	62289	35.608	ng	94
13) 1,4-Dichlorobenzene	8.06	146	66049	37.281	ng	99
14) 1,2-Dichlorobenzene	8.38	146	64723	38.316	ng	99
15) Benzyl Alcohol	8.28	79	74358	55.393	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	117932	45.028	ng	97
17) 2-Methylphenol	8.48	107	67545	54.432	ng	97
18) Hexachloroethane	9.10	117	22075	36.676	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	59445	50.785	ng	95
20) 3+4-Methylphenols	8.80	107	96482	54.533	ng	98
22) Acetophenone	8.86	105	119772	41.195	ng	# 97
24) Nitrobenzene	9.25	77	86582	42.102	ng	97
25) Isophorone	9.76	82	181485	51.784	ng	98
26) 2-Nitrophenol	9.96	139	48992	44.044	ng	94
27) 2,4-Dimethylphenol	10.01	122	83175	53.149	ng	89
28) bis(2-Chloroethoxy)methane	10.24	93	96809	45.961	ng	96
29) 2,4-Dichlorophenol	10.50	162	98672	50.753	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	89260	38.211	ng	97
31) Naphthalene	10.90	128	247229	44.277	ng	99
32) Benzoic acid	10.20	122	49560	50.804	ng	96
33) 4-Chloroaniline	11.03	127	13557	5.426	ng	95
34) Hexachlorobutadiene	11.15	225	56830	35.357	ng	97
35) Caprolactam	11.82	113	31324m	40.180	ng	
36) 4-Chloro-3-methylphenol	12.14	107	109280	52.554	ng	93
37) 2-Methylnaphthalene	12.50	142	205177	49.011	ng	98
38) 1-Methylnaphthalene	12.72	142	197689	49.198	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	133362	38.971	ng	99

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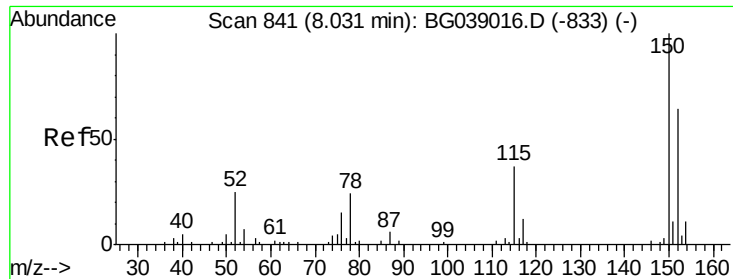
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	124720	65.808	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	98298	45.640	nq	94
44) 2,4,5-Trichlorophenol	13.19	196	111822	49.124	nq	99
46) 1,1'-Biphenyl	13.50	154	291388	40.358	nq	100
47) 2-Chloronaphthalene	13.55	162	236872	40.542	nq	97
48) 2-Nitroaniline	13.77	65	76496	46.734	nq	94
49) Acenaphthylene	14.40	152	406280	46.263	nq	99
50) Dimethylphthalate	14.13	163	354720	46.068	nq	100
51) 2,6-Dinitrotoluene	14.26	165	80862	46.972	nq	98
52) Acenaphthene	14.74	154	234722	44.486	nq	98
53) 3-Nitroaniline	14.60	138	20604	11.798	nq	95
54) 2,4-Dinitrophenol	14.80	184	98241	94.409	nq	96
55) Dibenzofuran	15.07	168	408426	43.828	nq	100
56) 4-Nitrophenol	14.91	139	115130	91.624	nq	96
57) 2,4-Dinitrotoluene	15.05	165	117811	47.700	nq	95
58) Fluorene	15.72	166	338878	48.312	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	115106	53.568	nq	95
60) Diethylphthalate	15.48	149	372130	46.907	nq	100
61) 4-Chlorophenyl-phenylether	15.71	204	194432	43.998	nq	98
62) 4-Nitroaniline	15.77	138	78125	42.943	nq	97
63) Azobenzene	16.00	77	279338	45.025	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	77114	41.938	nq	97
66) n-Nitrosodiphenylamine	15.93	169	318419	43.277	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	136511	42.787	nq	97
68) Hexachlorobenzene	16.72	284	144567	41.526	nq	98
69) Atrazine	16.87	200	139511	44.634	nq	97
70) Pentachlorophenol	17.07	266	157197	73.584	nq	95
71) Phenanthrene	17.46	178	602739	45.944	nq	99
72) Anthracene	17.56	178	612742	47.239	nq	99
73) Carbazole	17.83	167	527618	41.205	nq	99
74) Di-n-butylphthalate	18.36	149	625274	43.894	nq	99
75) Fluoranthene	19.47	202	680215	41.825	nq	99
77) Benzidine	19.66	184	94620	15.469	nq	98
78) Pyrene	19.84	202	665392	52.208	nq	98
80) Butylbenzylphthalate	20.70	149	218133	45.000	nq	100
81) Benzo(a)anthracene	21.68	228	570770	46.884	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	76629	15.448	nq	97
83) Chrysene	21.75	228	534256	46.141	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	301978	44.866	nq	98
85) Di-n-octyl phthalate	22.76	149	524790	46.111	nq	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	690877	49.935	nq	99
88) Benzo(b)fluoranthene	23.93	252	596845	49.128	nq	99
89) Benzo(k)fluoranthene	24.00	252	556575	46.336	nq	97
90) Benzo(a)pyrene	24.83	252	573829	48.867	nq	99
91) Dibenzo(a,h)anthracene	28.80	278	572553	49.019	nq	99
92) Benzo(g,h,i)perylene	29.95	276	569904	49.286	nq	97

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



#1

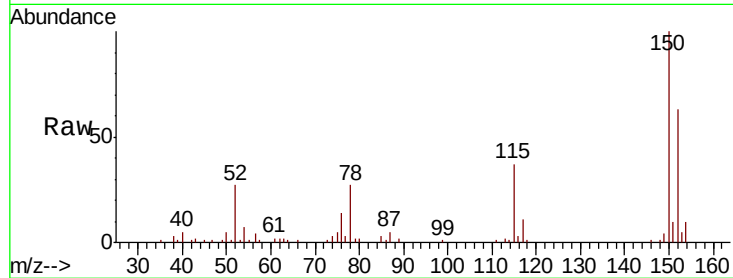
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.7	187.1
115	58.8	46.5	69.7

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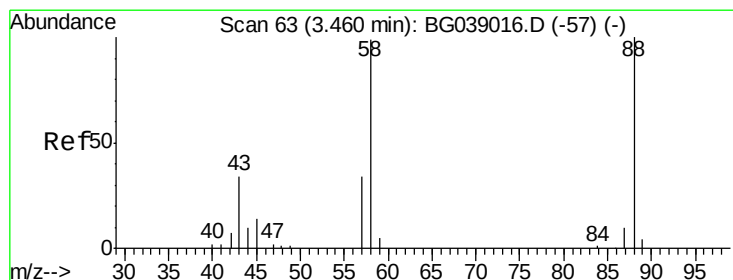
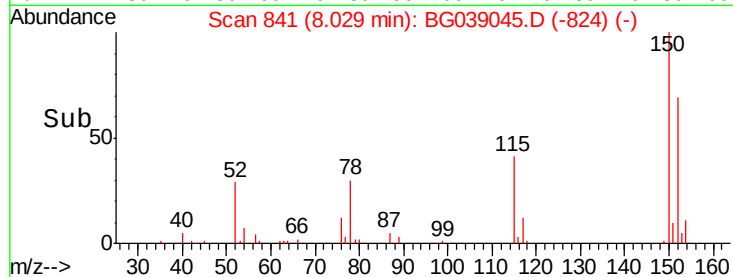
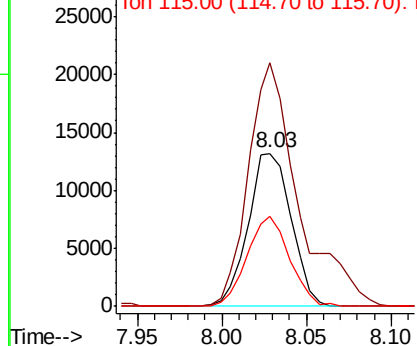


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

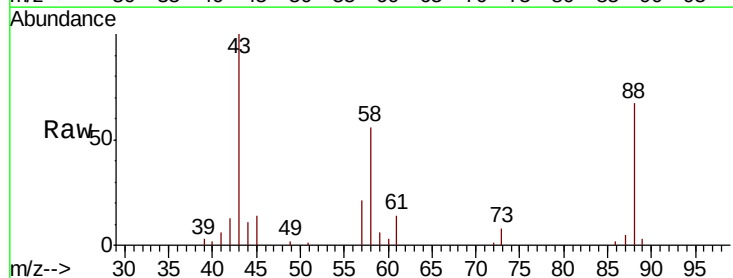
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.742 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.2	72.4	108.6
43	174.8	27.6	41.4#

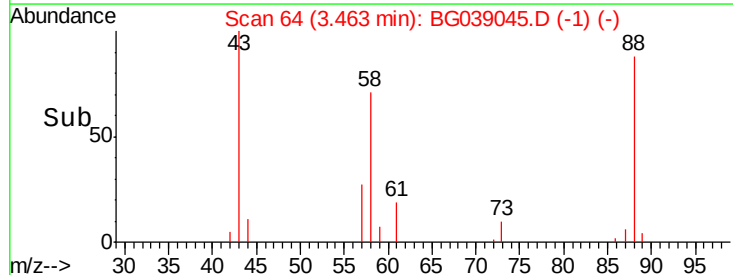
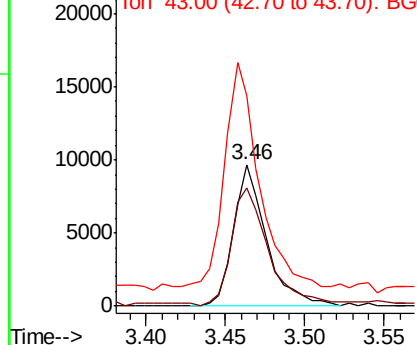


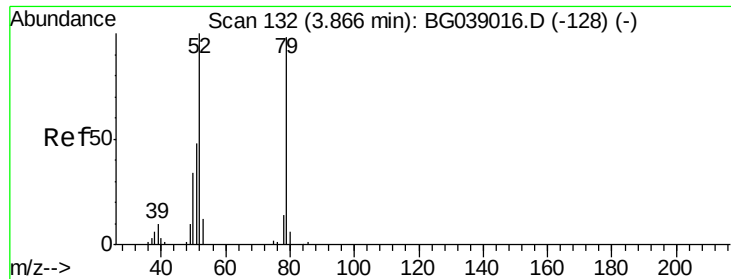
Abundance

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: 35.436 ng

RT: 3.87 min Scan# 134

Delta R.T. 0.01 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

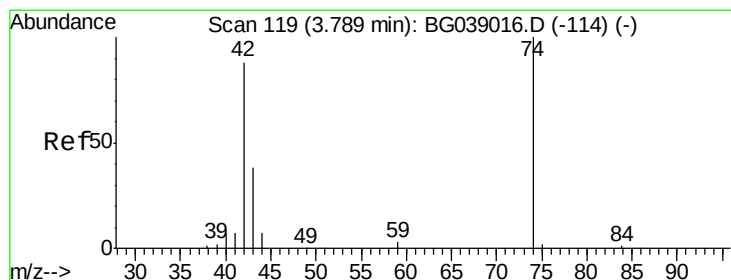
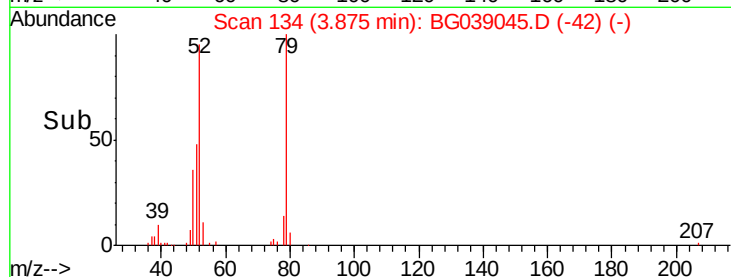
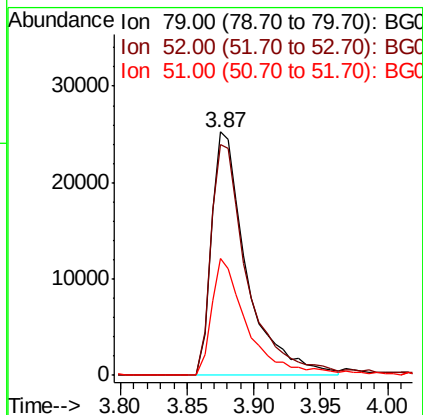
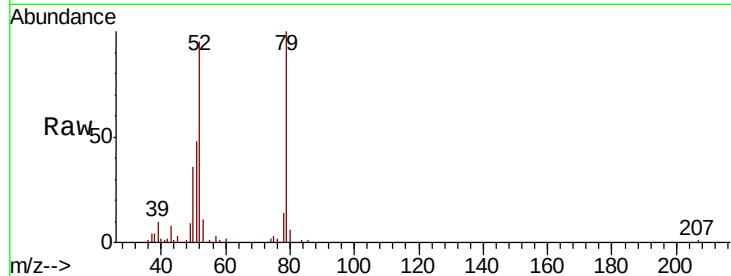
ClientSampleId :

JC-03-010819-AMSD

Tot Ion:	79	Resp:	46703
Ion	Ratio	Lower	Upper
79	100		
52	94.6	81.5	122.3
51	48.1	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 49.718 ng

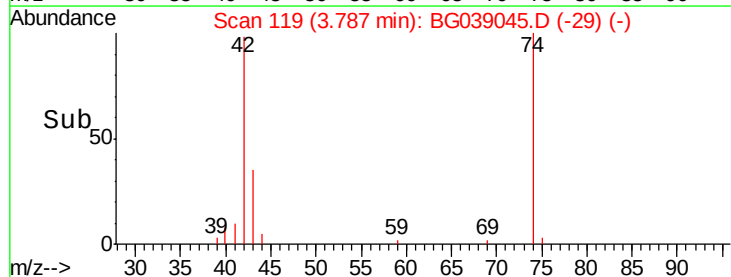
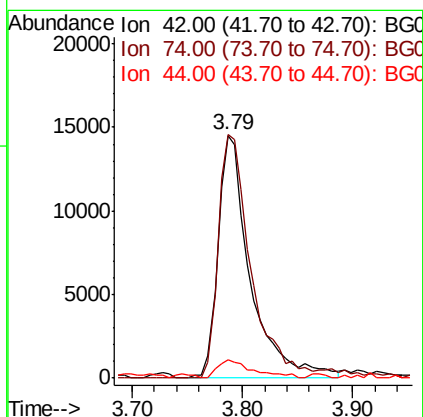
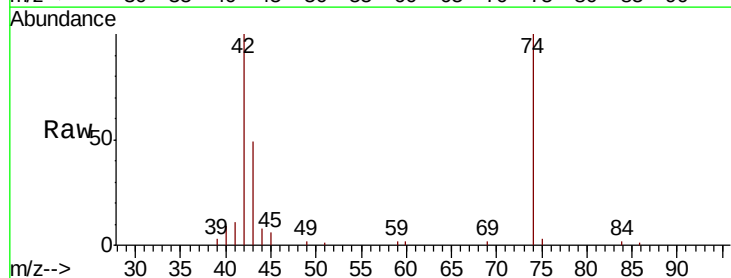
RT: 3.79 min Scan# 119

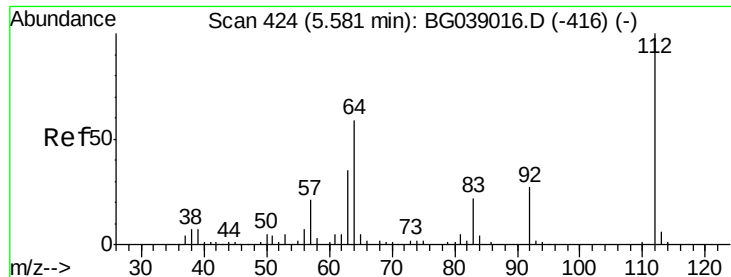
Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:	42	Resp:	29486
Ion	Ratio	Lower	Upper
42	100		
74	100.4	90.7	136.1
44	7.7	6.5	9.7





#5

2-Fluorophenol

Concen: 147.423 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

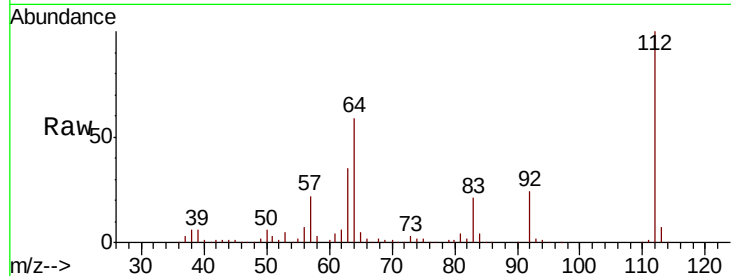
ClientSampleId :

JC-03-010819-AMSD

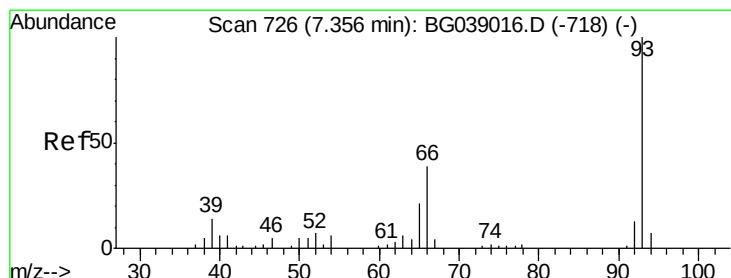
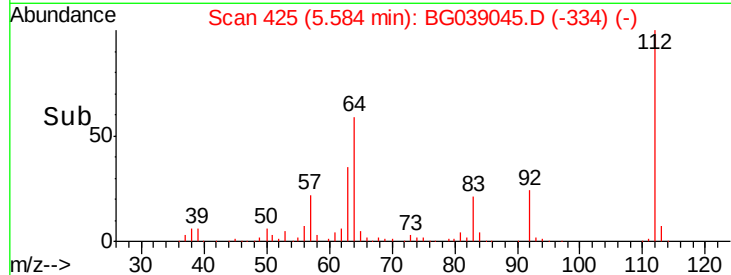
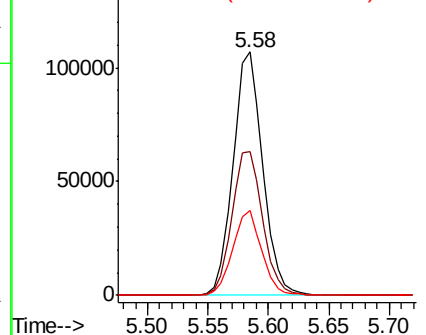
Tot Ion:	112	Resp:	182598
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.0	70.6
63	34.8	28.0	42.0

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



#6

Aniline

Concen: 22.732 ng

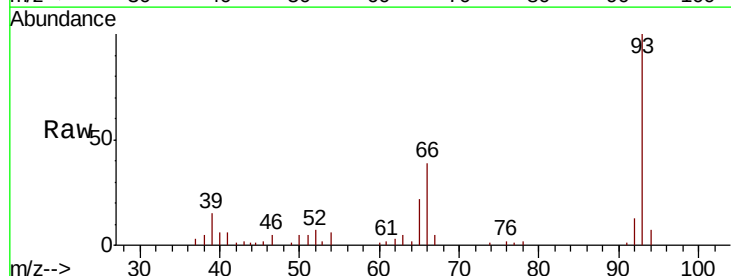
RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

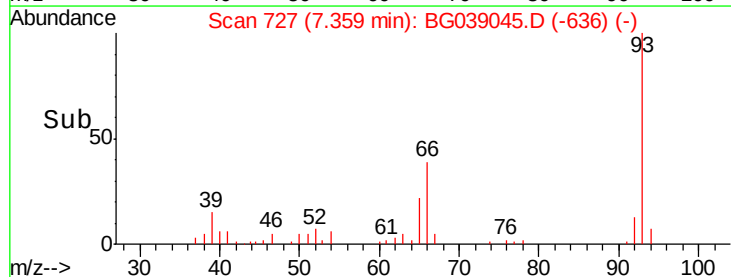
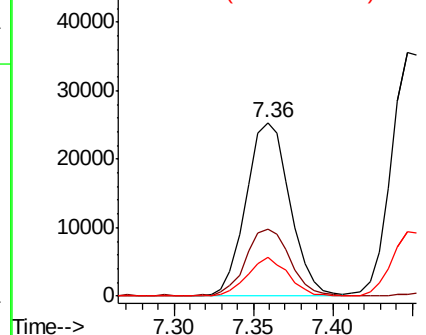
Lab File: BG039045.D

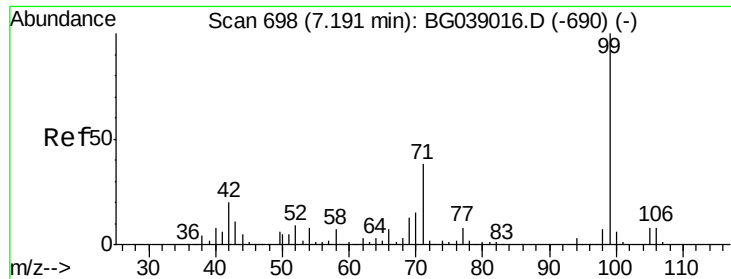
Acq: 10 Jan 2019 8:14

Tgt Ion:	93	Resp:	48664
Ion Ratio	Lower	Upper	
93	100		
66	38.5	30.9	46.3
65	22.1	17.0	25.4



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





#7

Phenol-d6

Concen: 142.838 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

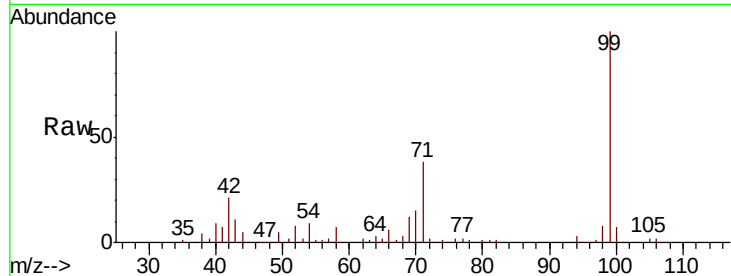
ClientSampleId :

JC-03-010819-AMSD

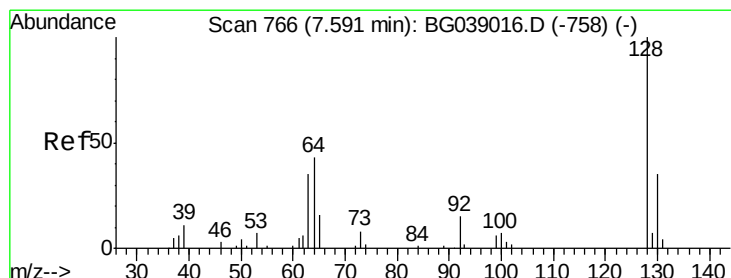
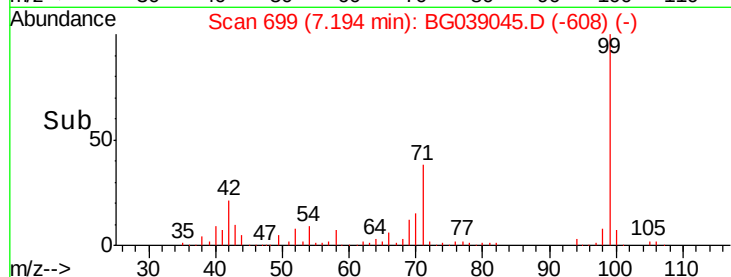
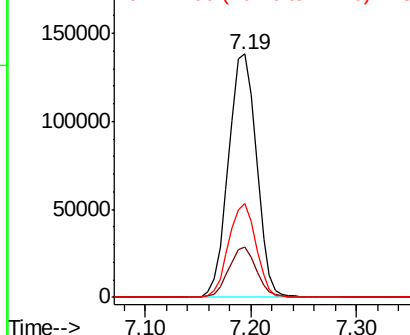
Tot Ion:	99	Resp:	254609
Ion Ratio	Lower	Upper	
99	100		
42	20.6	15.8	23.6
71	38.3	30.2	45.4

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



#8

2-Chlorophenol

Concen: 51.480 ng

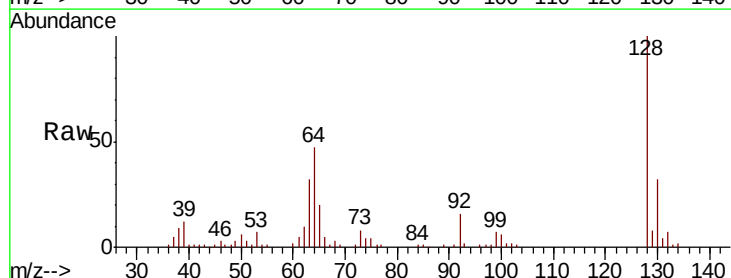
RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

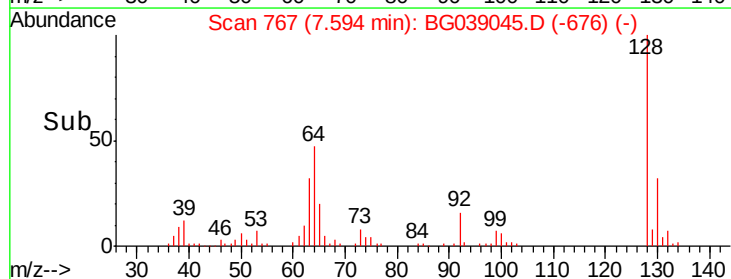
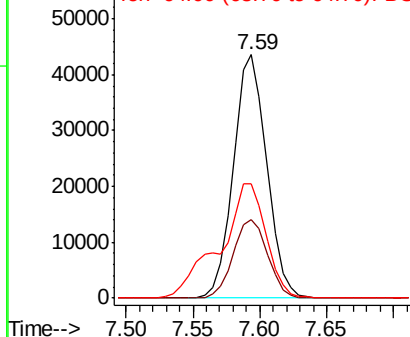
Lab File: BG039045.D

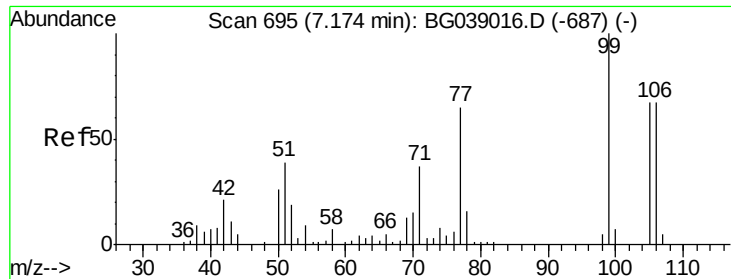
Acq: 10 Jan 2019 8:14

Tgt Ion:	128	Resp:	75164
Ion Ratio	Lower	Upper	
128	100		
130	32.2	14.5	54.5
64	46.9	27.3	67.3



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





#9

Benzaldehyde

Concen: 23.865 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

Tot Ion: 77 Resp: 24532

Ion Ratio Lower Upper

77 100

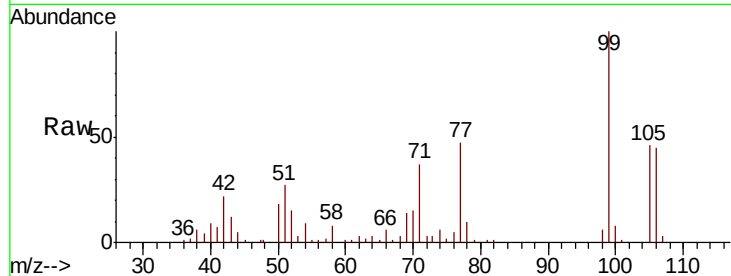
105 98.0 82.4 122.4

106 94.4 82.8 122.8

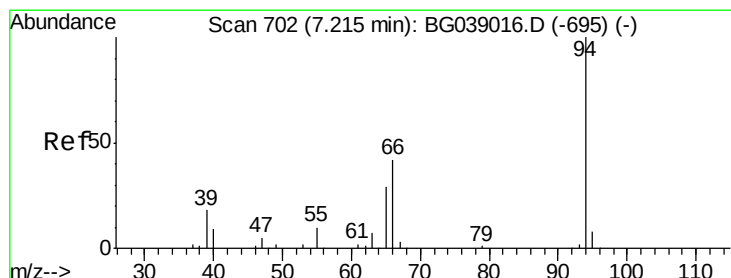
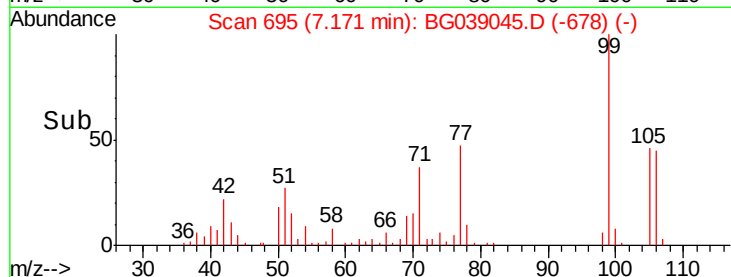
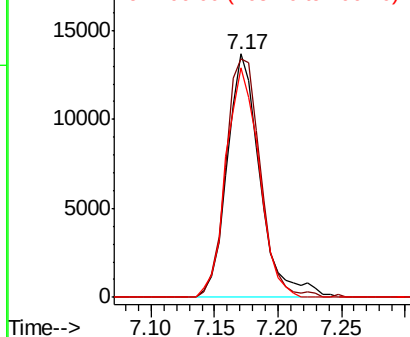
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.488 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

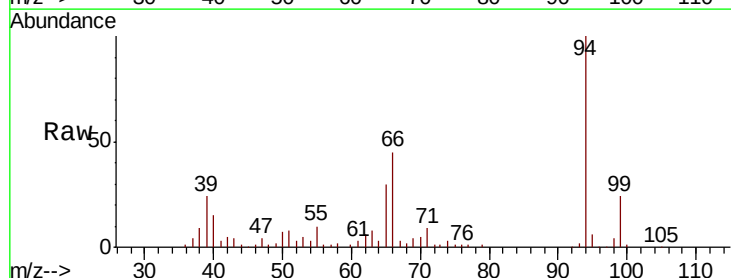
Tgt Ion: 94 Resp: 86653

Ion Ratio Lower Upper

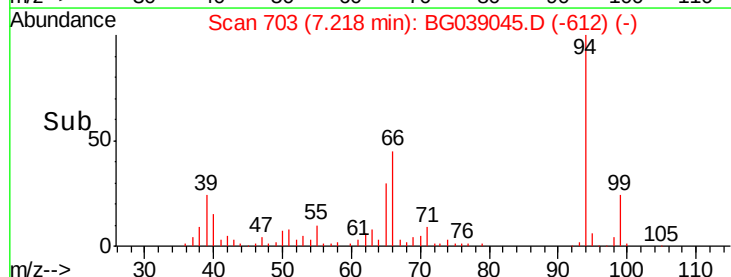
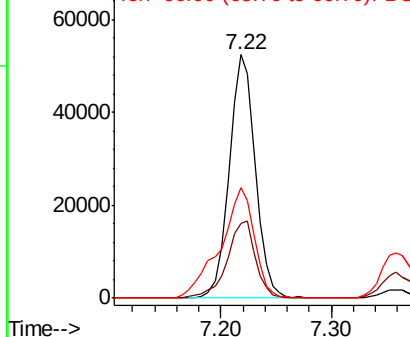
94 100

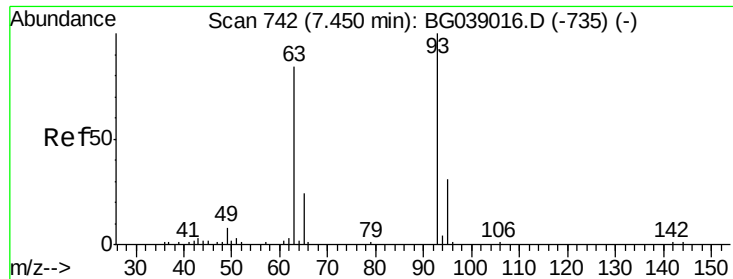
65 30.4 10.3 50.3

66 45.1 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





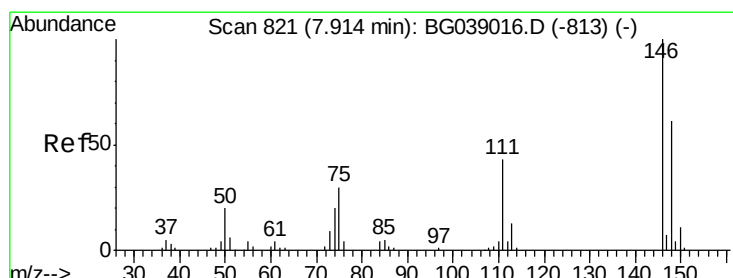
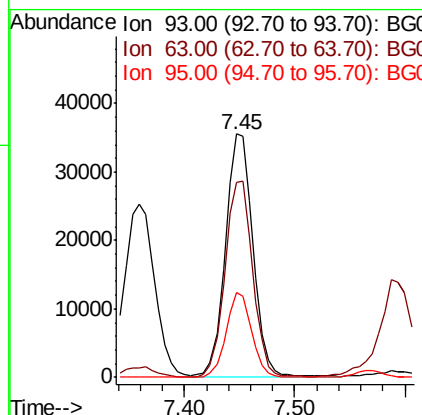
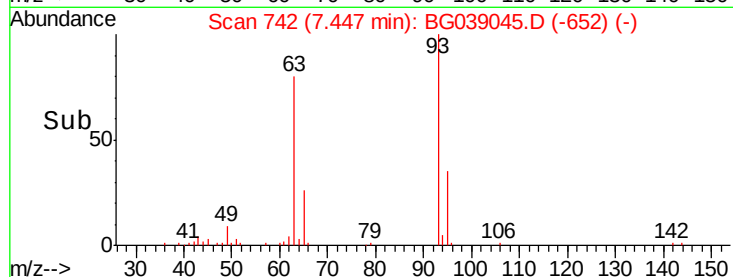
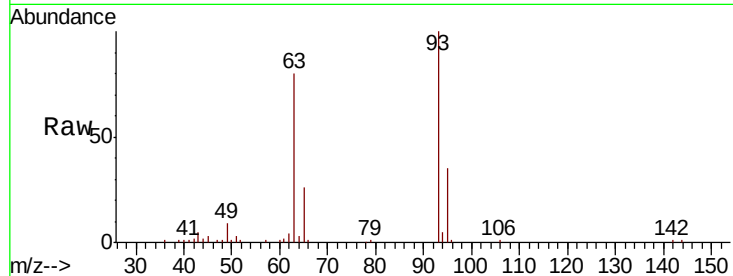
#11
bis(2-Chloroethyl)ether
Concen: 45.625 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	63.2	103.2
95	35.1	11.2	51.2

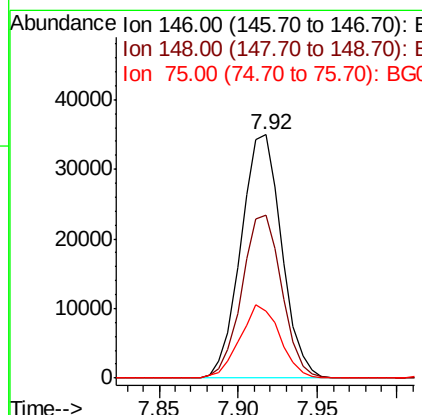
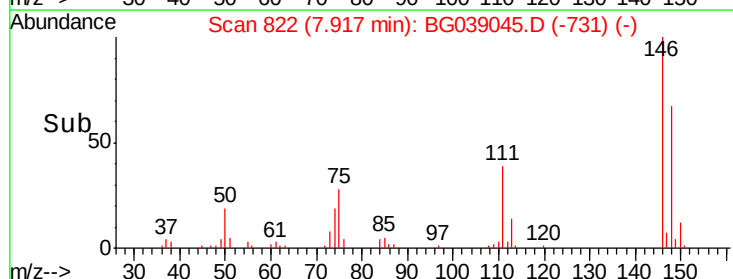
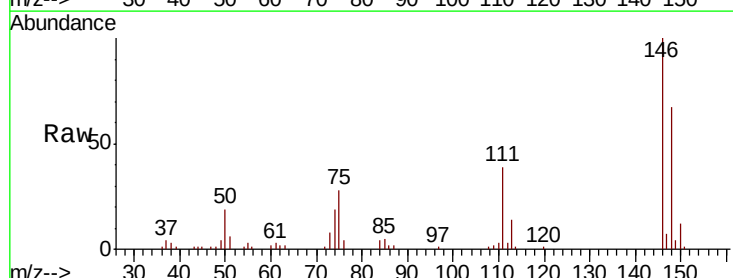
Manual Integrations
APPROVED

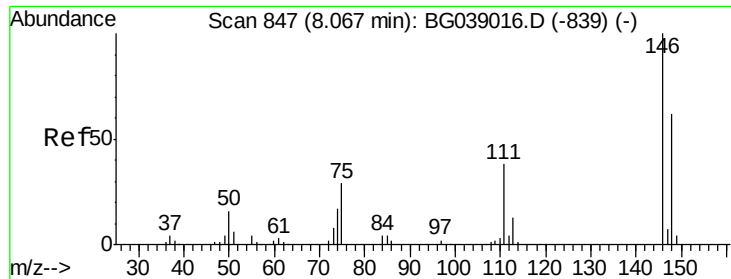
Sohil
1/10/2019 3:15:29 PM



#12
1,3-Dichlorobenzene
Concen: 35.608 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	49.1	73.7
75	27.8	23.9	35.9





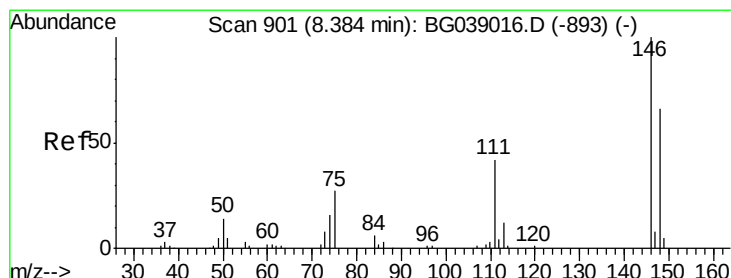
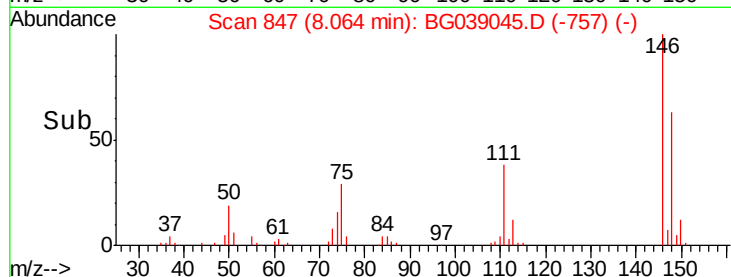
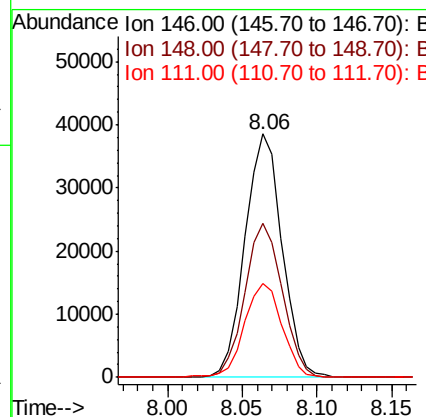
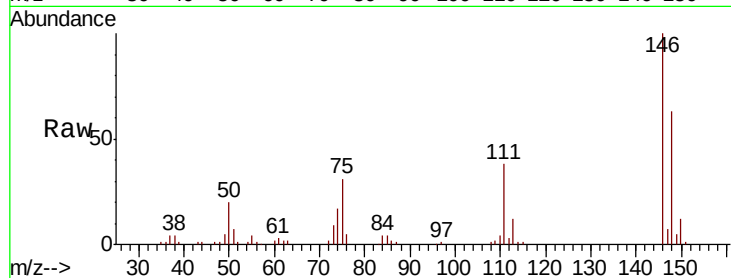
#13
 1,4-Dichlorobenzene
 Concen: 37.281 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.8	74.6
111	38.4	30.6	45.8

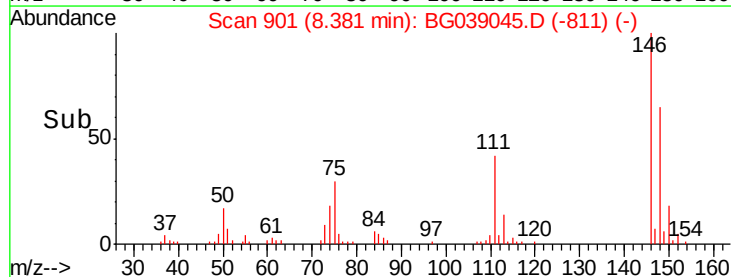
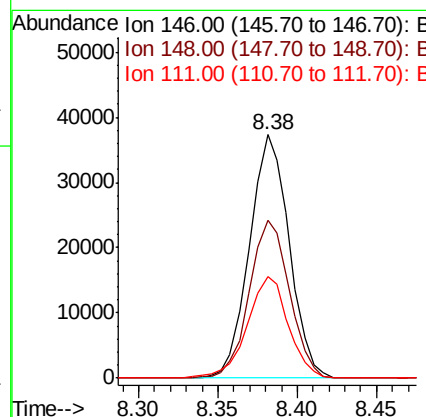
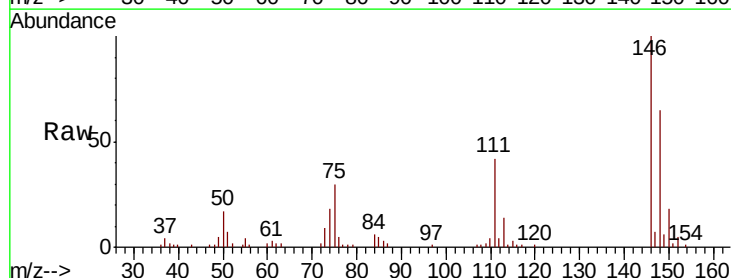
Manual Integrations
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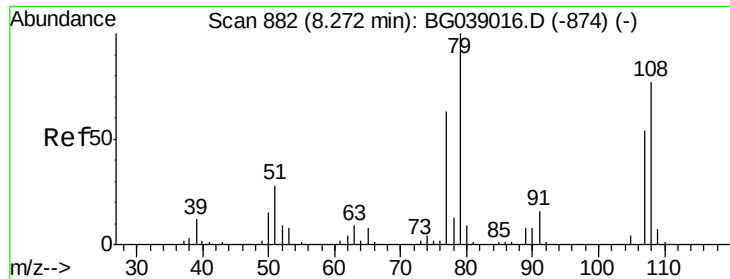
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.316 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	79.0
111	41.9	34.6	51.8





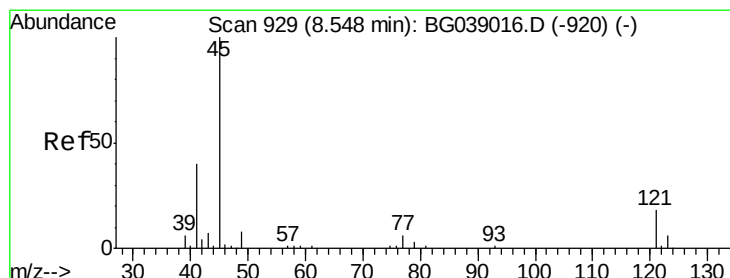
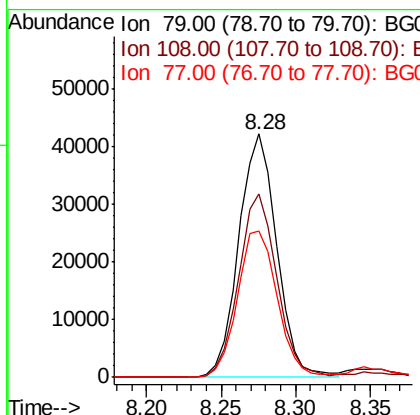
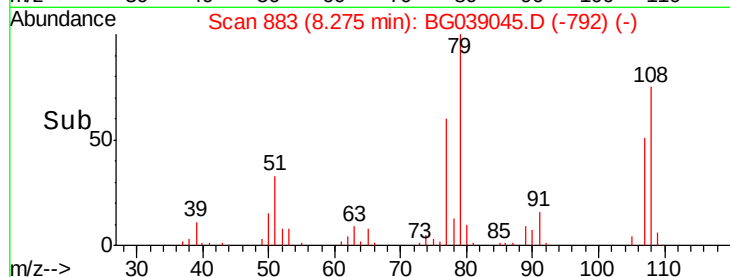
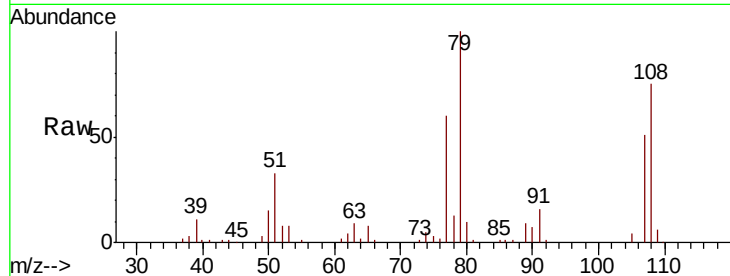
#15
Benzyl Alcohol
Concen: 55.393 ng
RT: 8.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	62.0	93.0
77	60.3	50.1	75.1

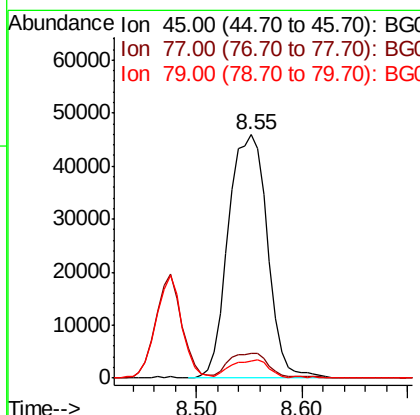
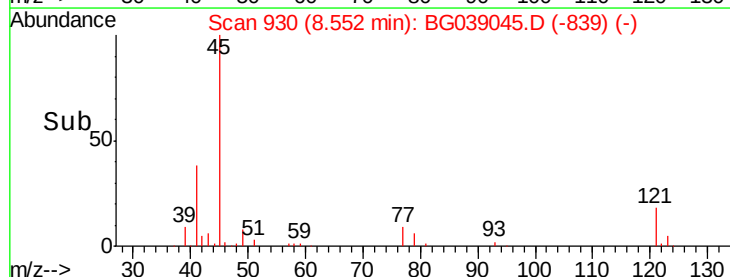
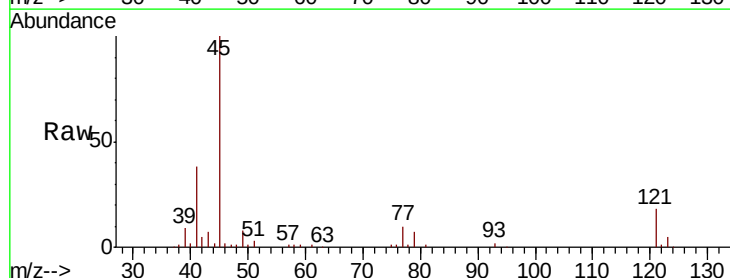
Manual Integrations
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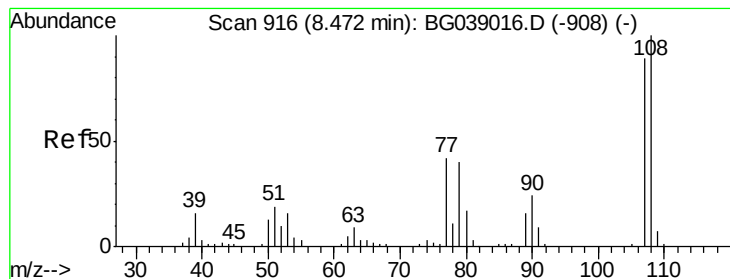
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.028 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	30.7
79	7.3	0.0	28.5





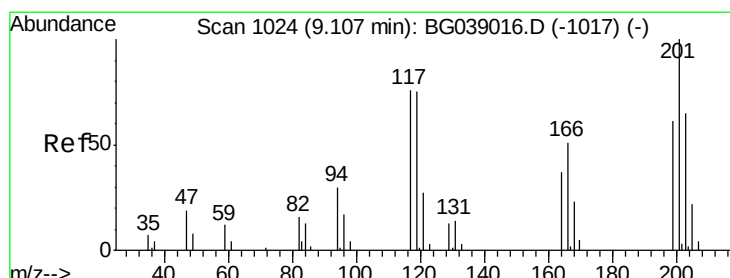
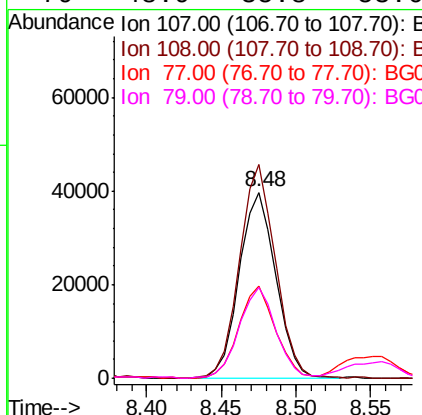
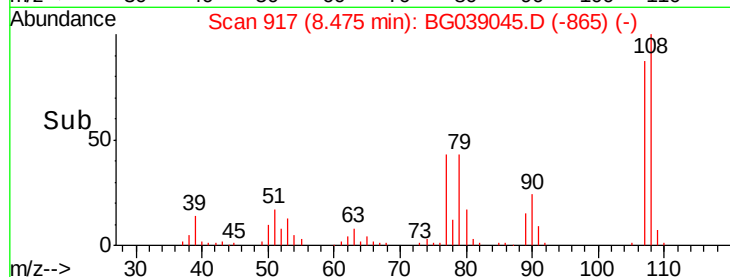
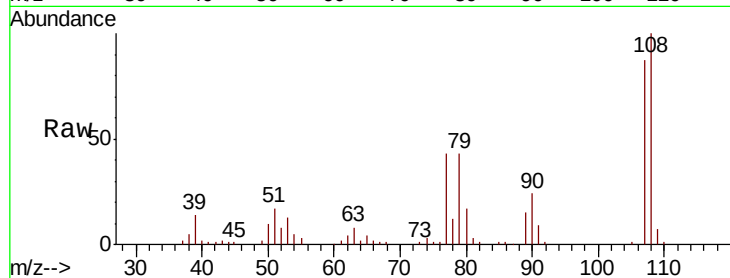
#17
2-Methylphenol
Concen: 54.432 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.3	135.5
77	49.2	38.3	57.5
79	48.9	35.8	53.6

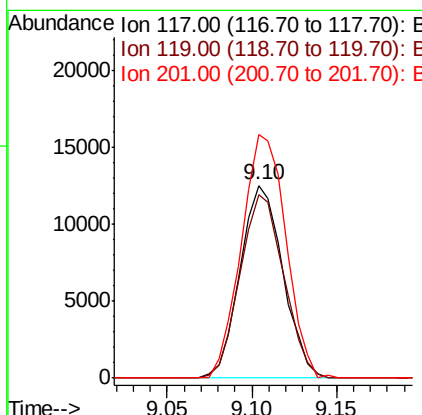
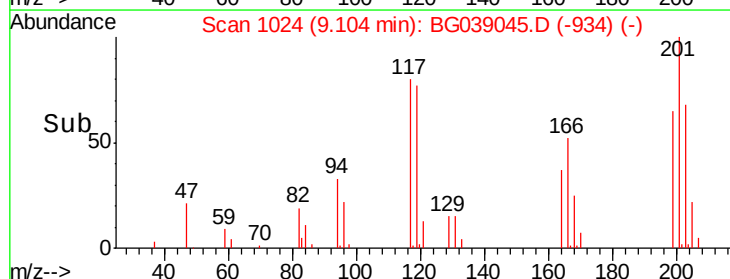
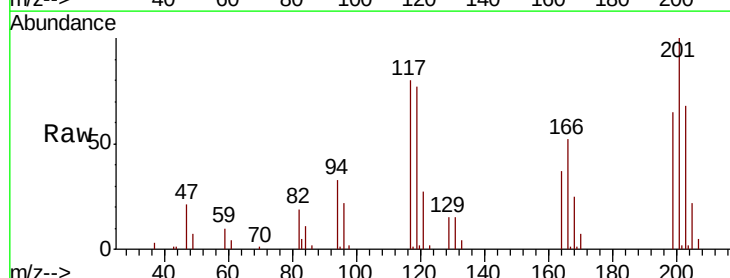
Manual Integrations
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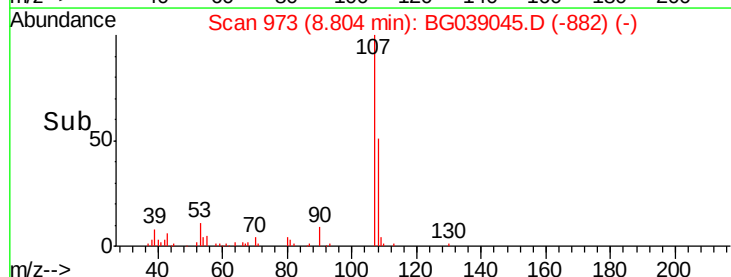
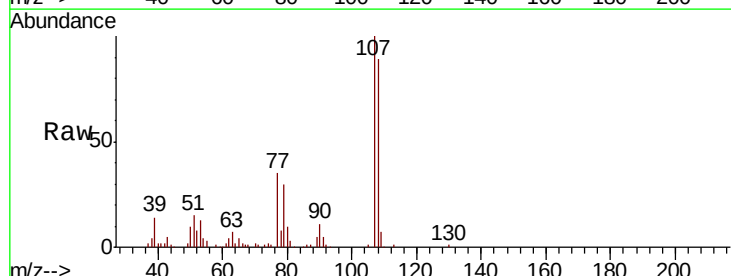
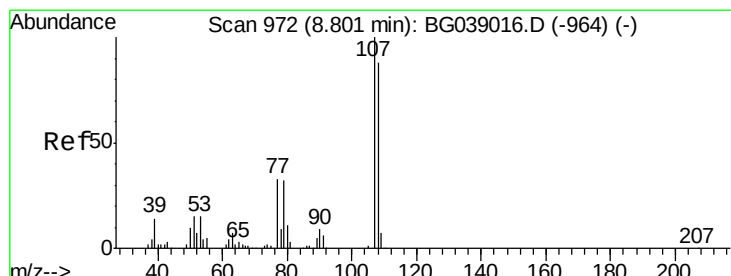
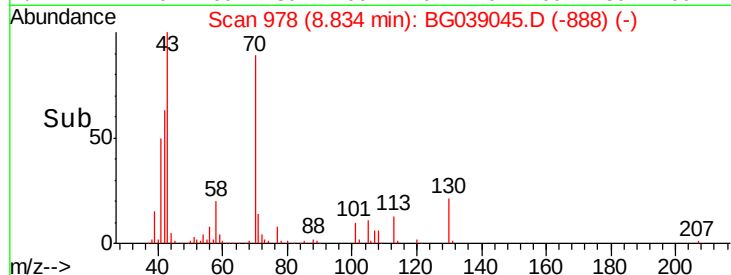
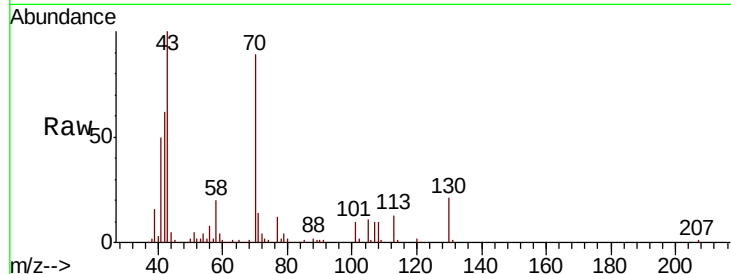
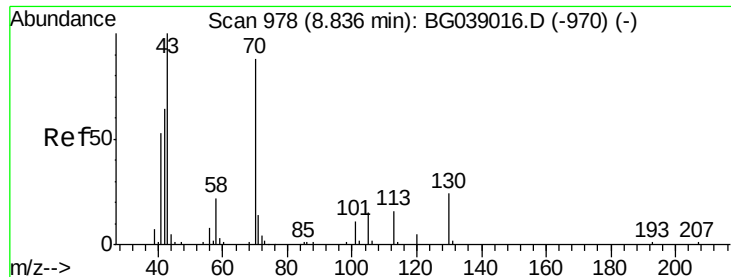
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#18
Hexachloroethane
Concen: 36.676 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

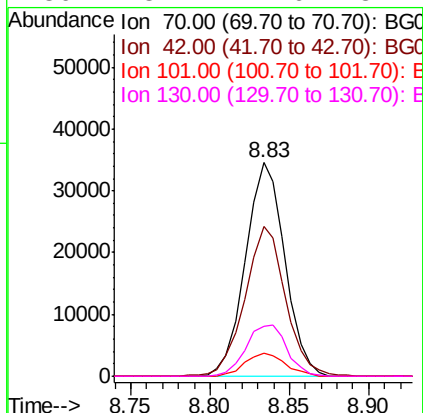
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.7	118.1
201	126.5	108.1	162.1





#19
n-Nitroso-di-n-propylamine
Concen: 50.785 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	70.4	59.0	88.4		
101	10.8	10.4	15.6		
130	23.4	21.6	32.4		



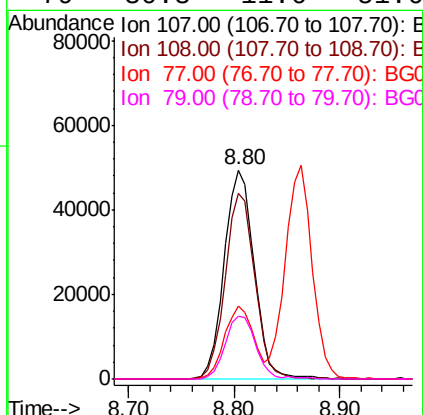
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

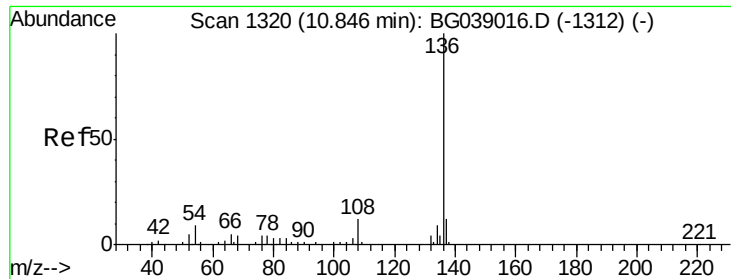
Manual Integrations
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#20
3+4-Methylphenols
Concen: 54.533 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.1	68.4	108.4		
77	34.9	13.3	53.3		
79	30.3	11.6	51.6		





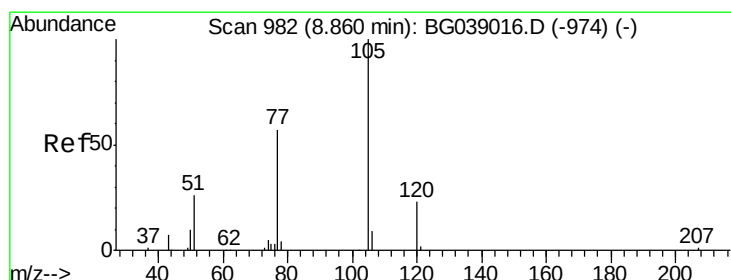
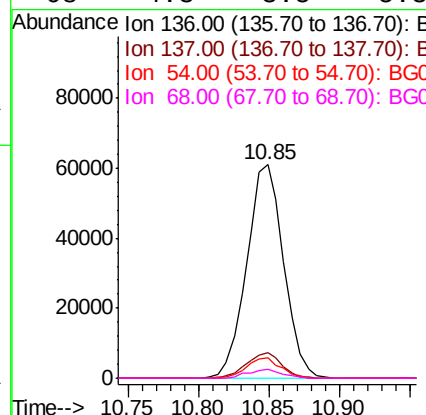
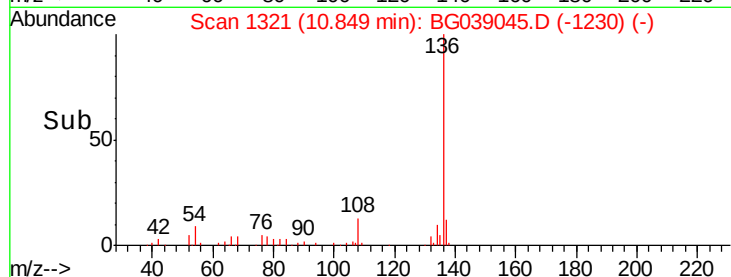
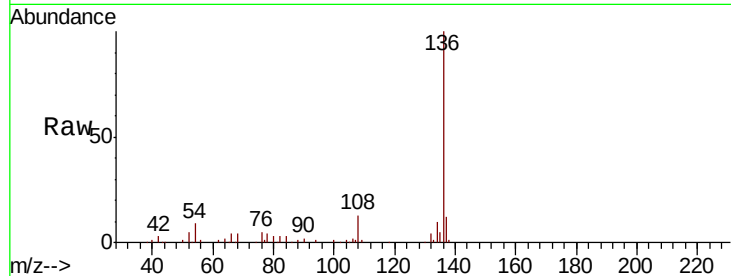
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	111331		
137	11.8	9.4	14.2	
54	9.5	7.2	10.8	
68	4.3	3.5	5.3	

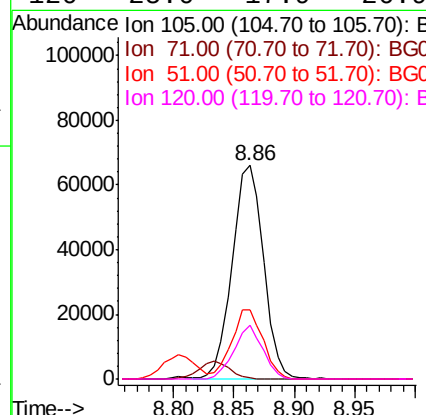
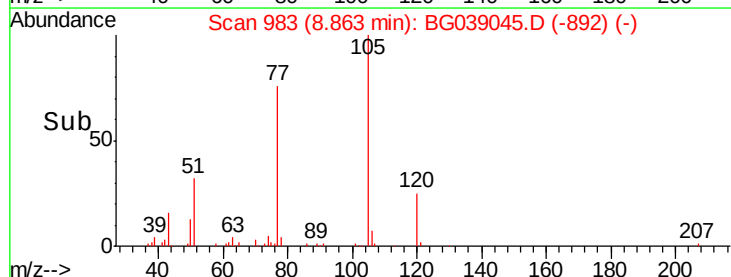
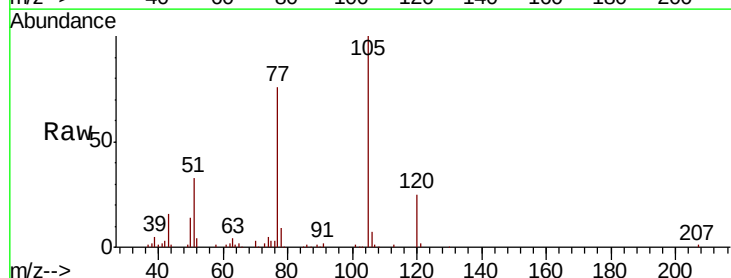
Manual Integrations
APPROVED

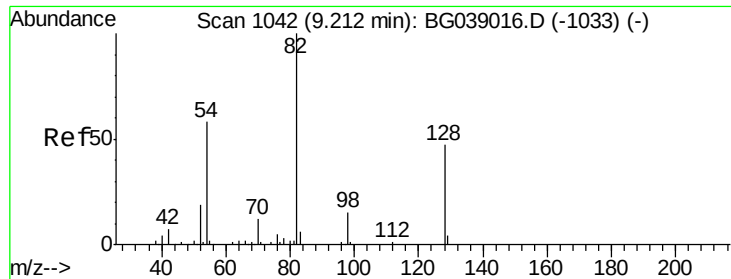
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#22
Acetophenone
Concen: 41.195 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119772		
71	0.3	0.6	1.0#	
51	32.7	26.6	39.8	
120	25.0	17.9	26.9	





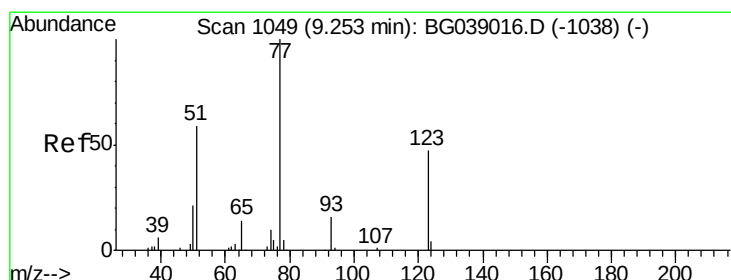
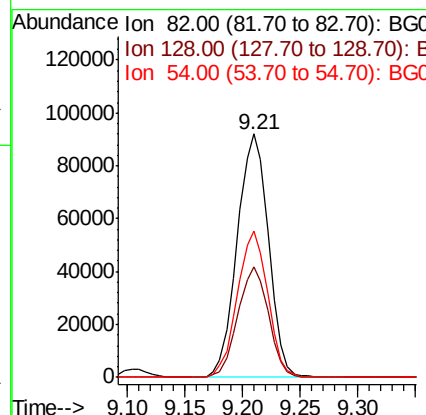
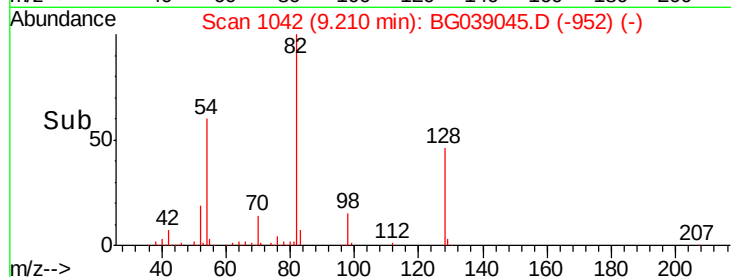
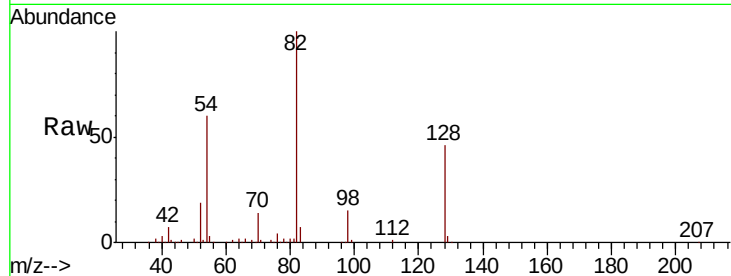
#23
 Nitrobenzene-d5
 Concen: 84.874 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.3	55.9
54	60.2	46.4	69.6

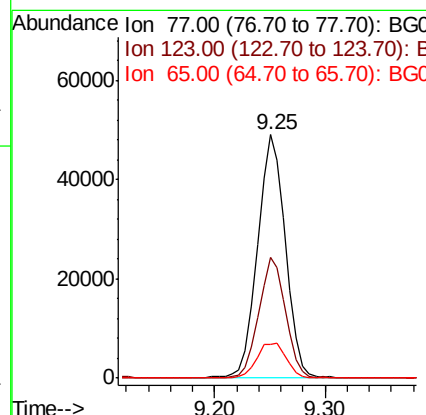
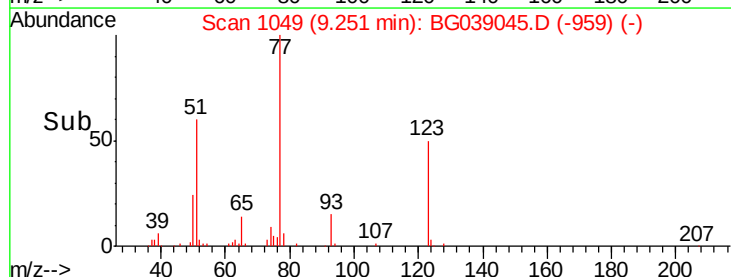
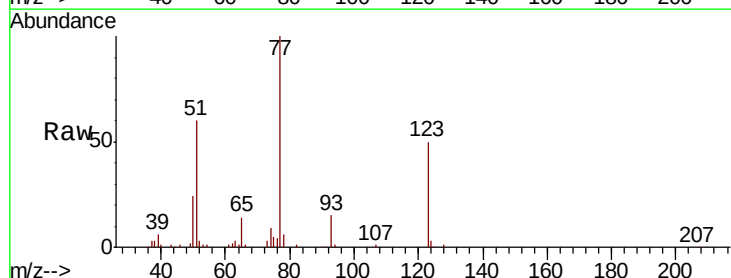
Manual Integrations
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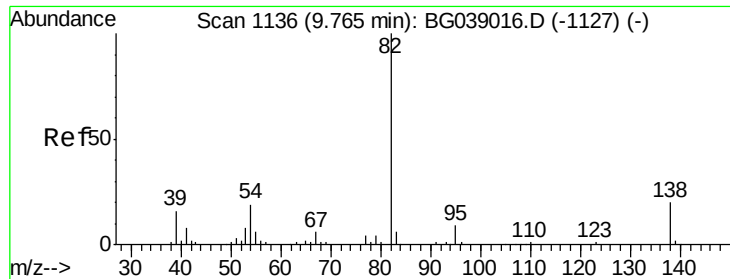
Sohil
 1/10/2019 3:15:29 PM



#24
 Nitrobenzene
 Concen: 42.102 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	37.6	56.4
65	13.6	11.0	16.6





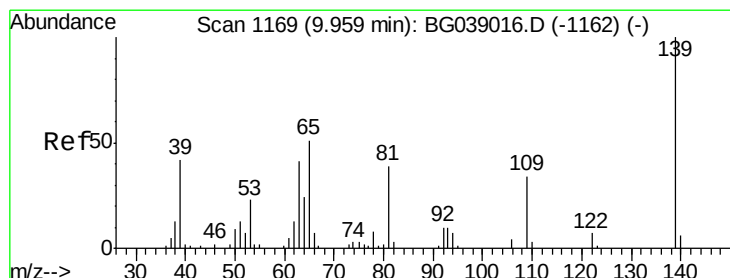
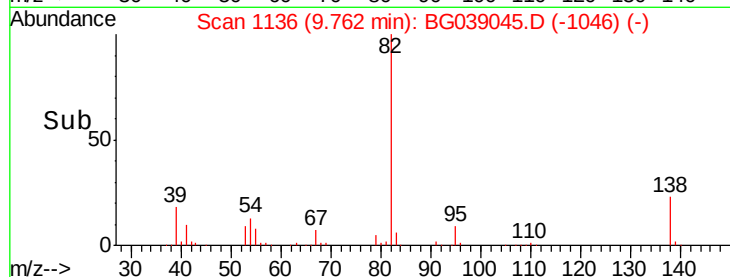
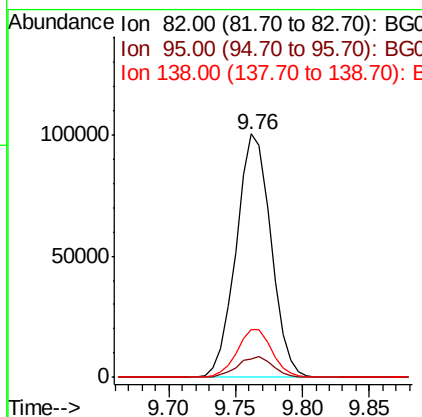
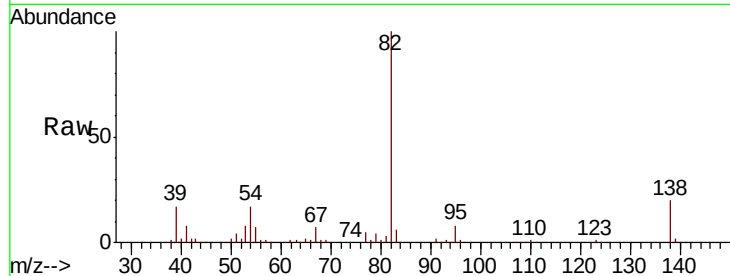
#25
Isophorone
Concen: 51.784 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	7.0	10.6	
138	19.8	16.2	24.4	

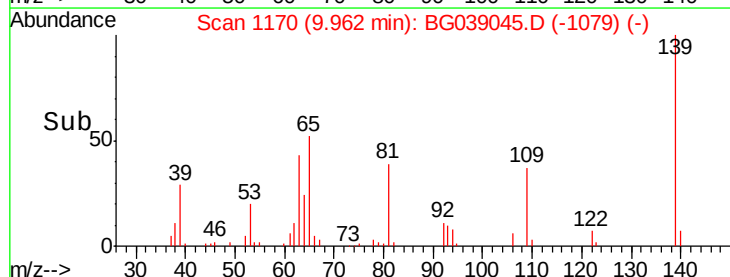
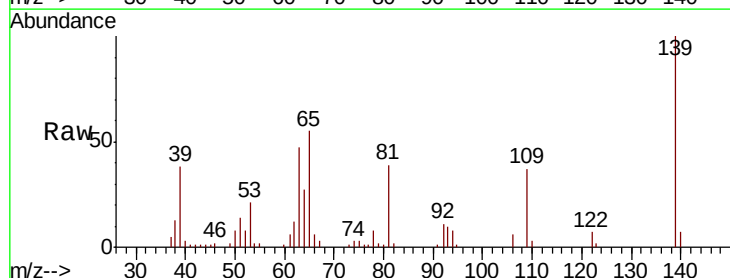
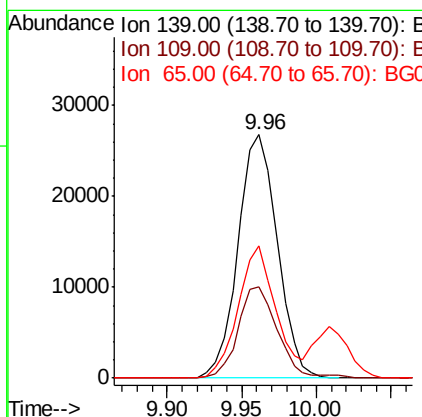
Manual Integrations
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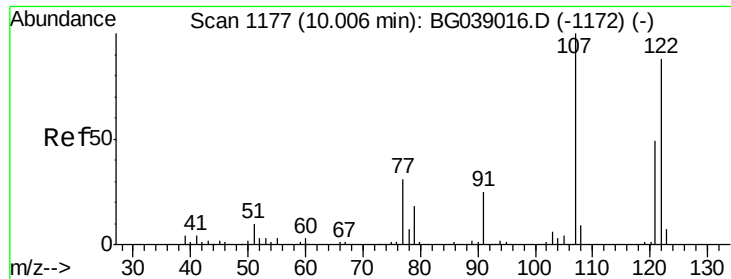
Sohil
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#26
2-Nitrophenol
Concen: 44.044 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.5	27.3	40.9	
65	54.5	40.6	61.0	





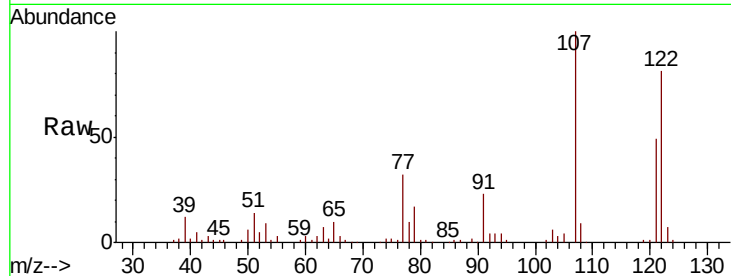
#27
 2,4-Dimethylphenol
 Concen: 53.149 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

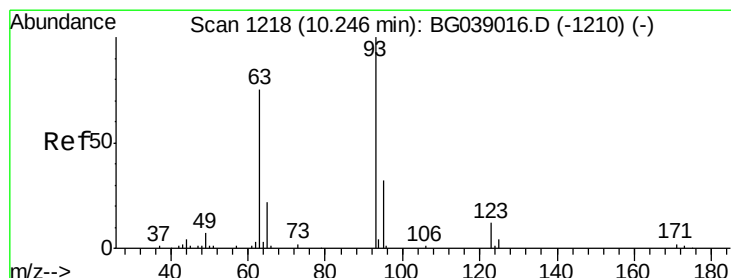
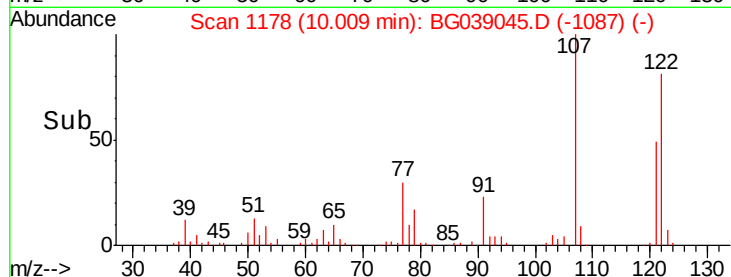
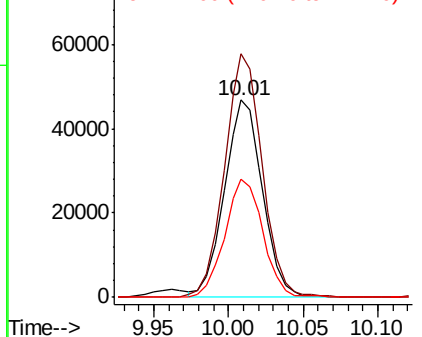
Tot Ion	Ratio	Resp	Lower	Upper
122	100	83175		
107	123.5		88.8	133.2
121	60.1		43.1	64.7

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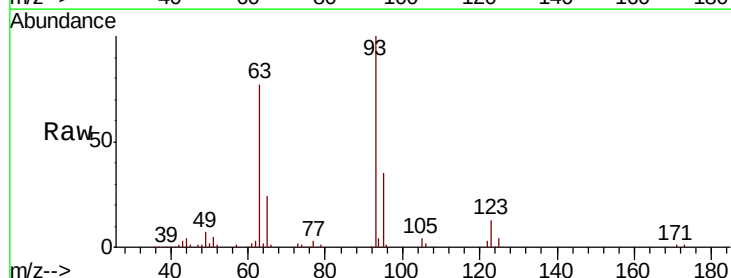


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

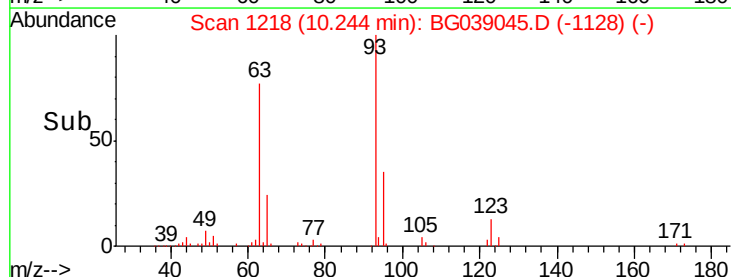
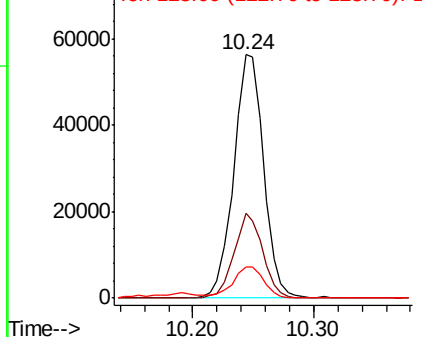


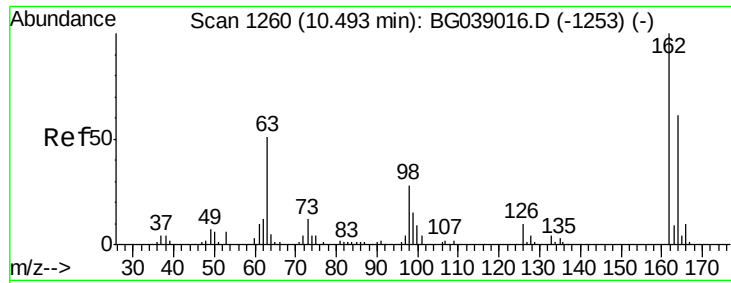
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.961 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	96809		
95	34.8		25.6	38.4
123	12.7		10.1	15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





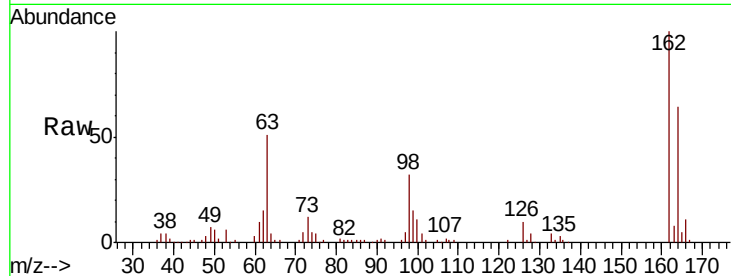
#29
 2,4-Dichlorophenol
 Concen: 50.753 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	98672		
164	64.4	41.3	81.3	
98	31.5	8.3	48.3	

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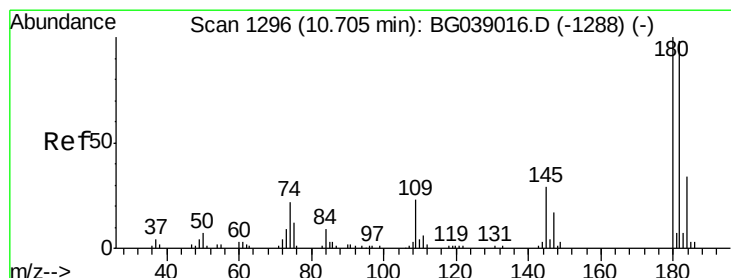
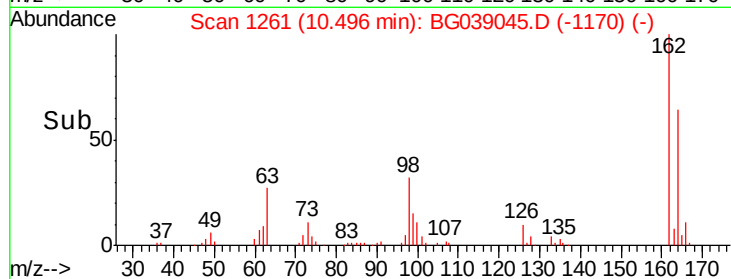
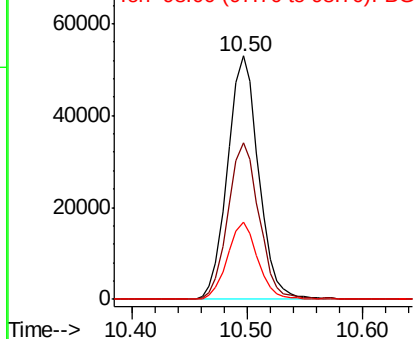


Abundance

Ion 162.00 (161.70 to 162.70): E

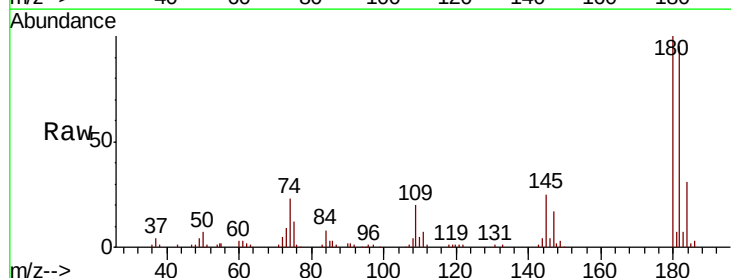
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 38.211 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89260		
182	95.3	78.1	117.1	
145	25.4	23.1	34.7	

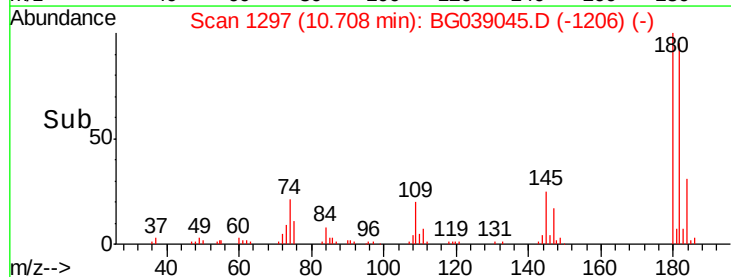
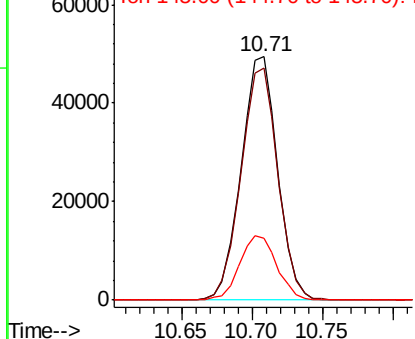


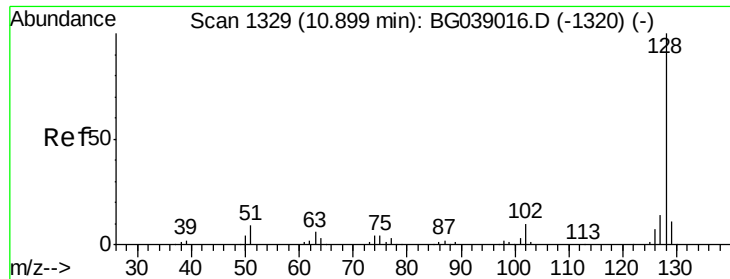
Abundance

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





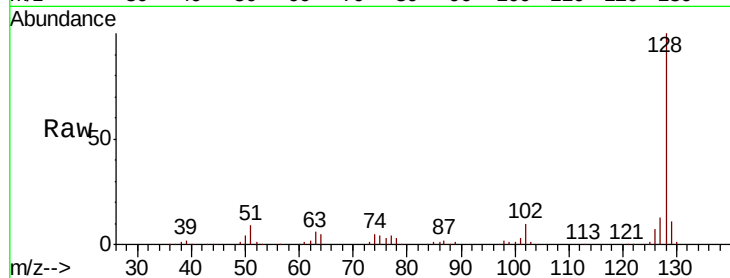
#31
Naphthalene
Concen: 44.277 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.3	11.2	16.8

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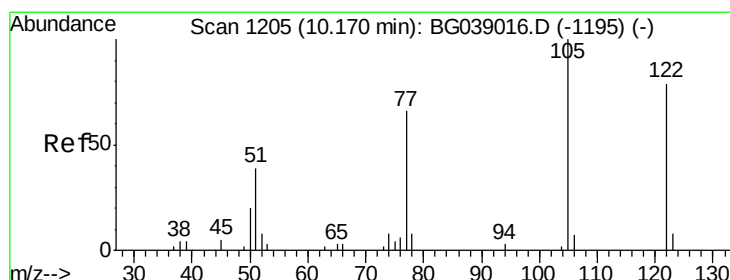
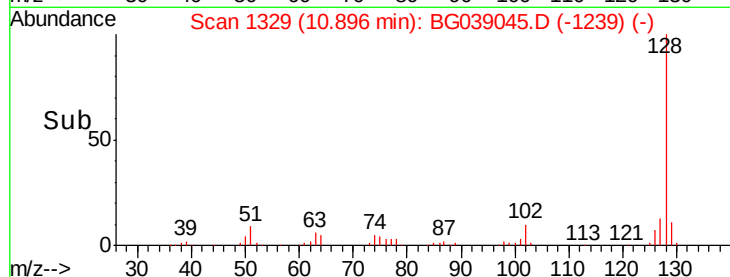
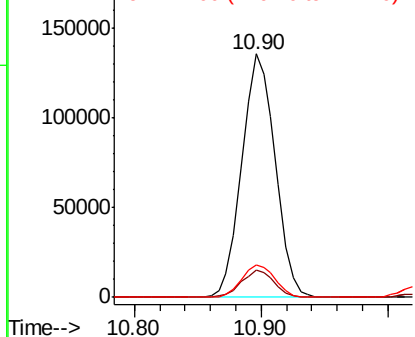


Abundance

Ion 128.00 (127.70 to 128.70): E

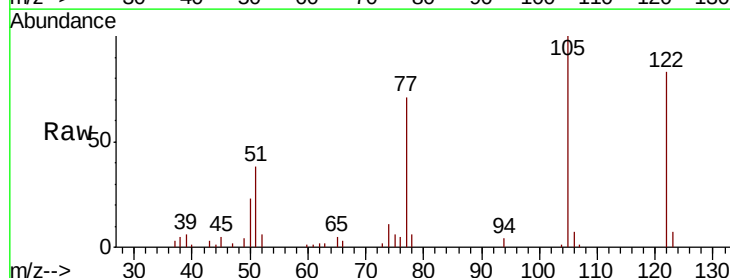
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 50.804 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	106.4	146.4
77	86.4	63.6	103.6

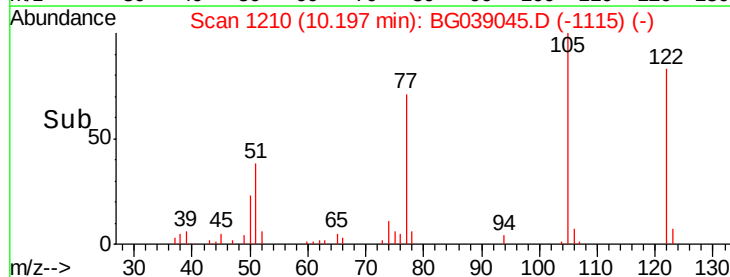
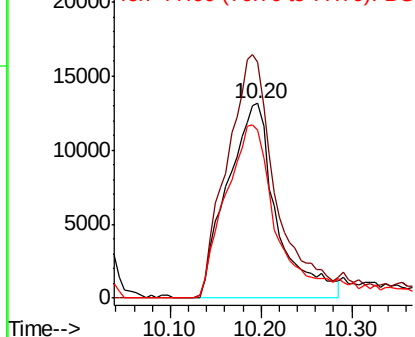


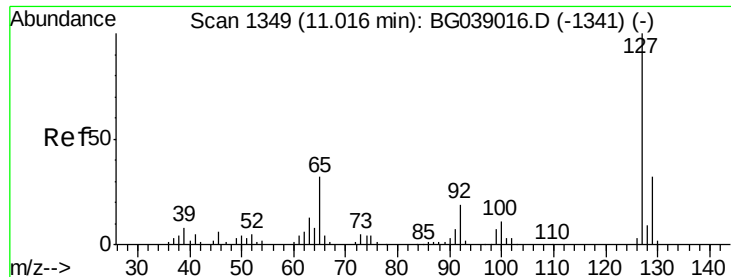
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





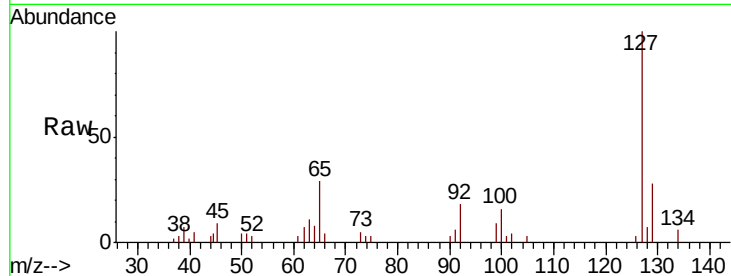
#33
4-Chloroaniline
Concen: 5.426 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

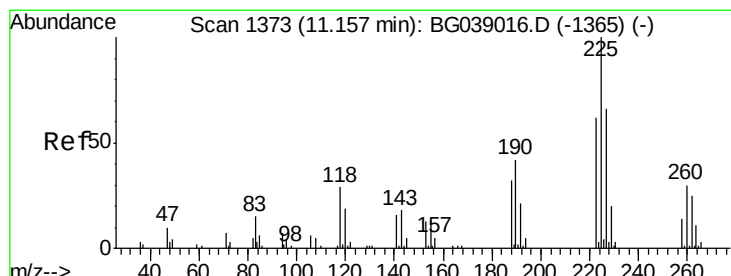
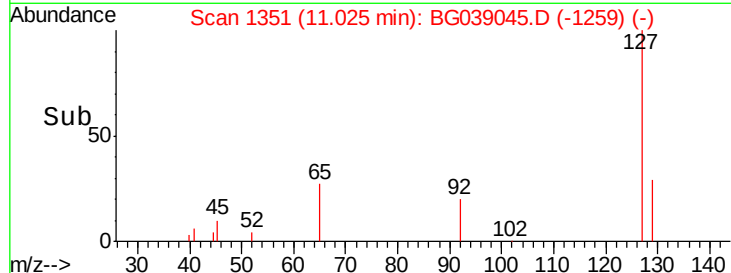
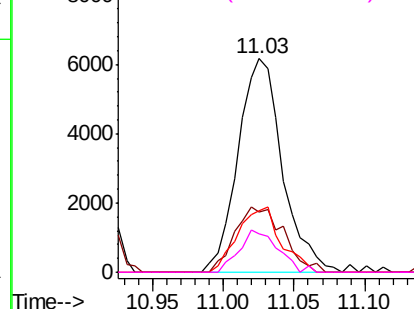
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.4	25.4	38.0		
65	28.8	25.4	38.0		
92	17.7	15.2	22.8		

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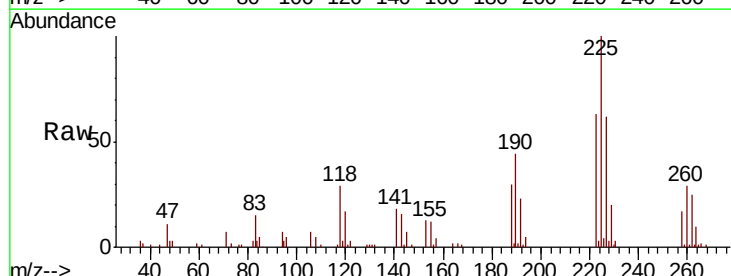


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

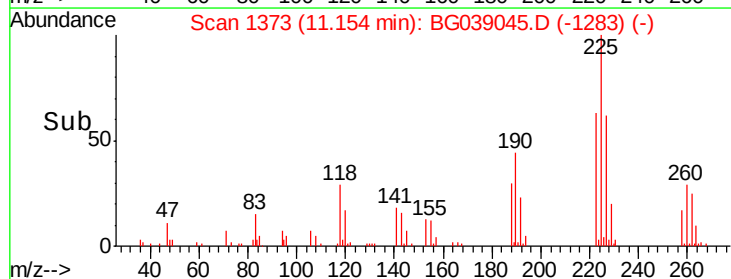
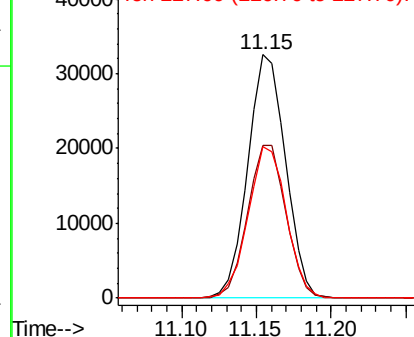


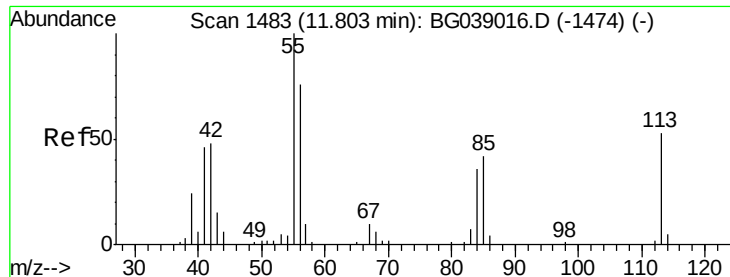
#34
Hexachlorobutadiene
Concen: 35.357 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.0	50.2	75.4		
227	65.1	53.2	79.8		



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





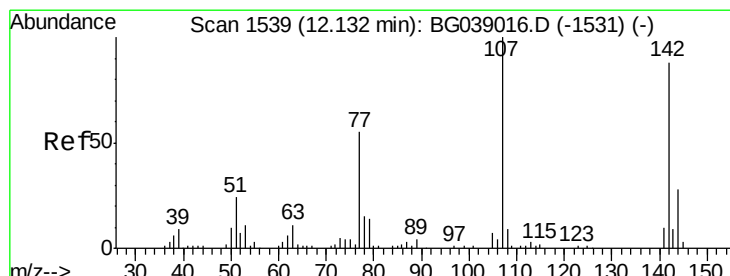
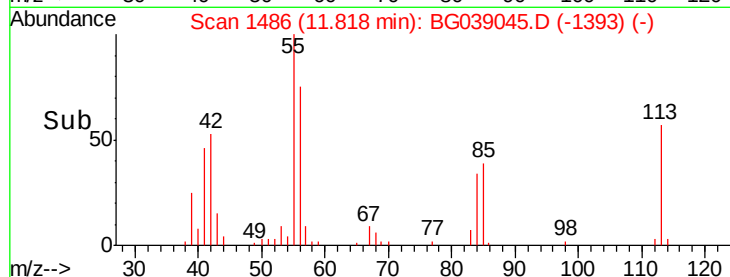
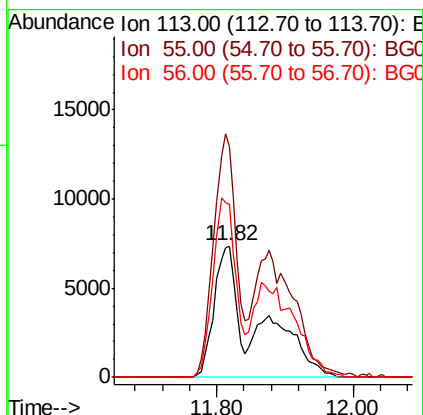
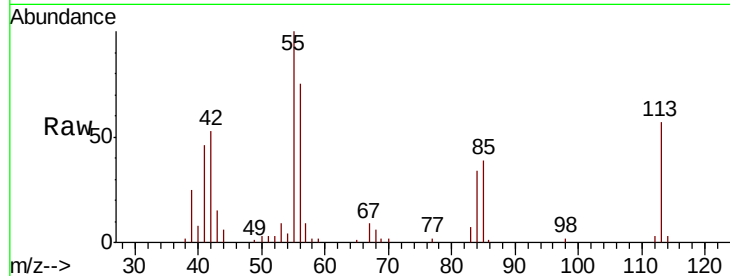
#35
Caprolactam
Concen: 40.180 ng/ml
RT: 11.82 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion: 113 Resp: 31324
Ion Ratio Lower Upper
113 100
55 175.4 168.6 208.6
56 132.1 123.2 163.2

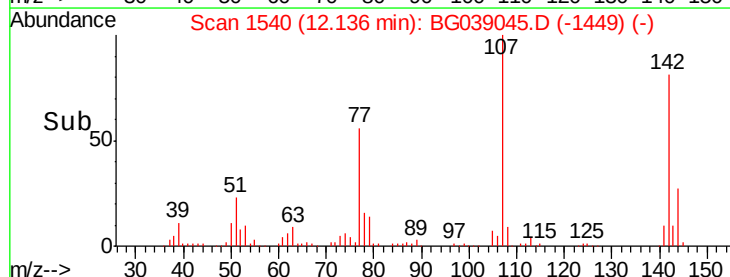
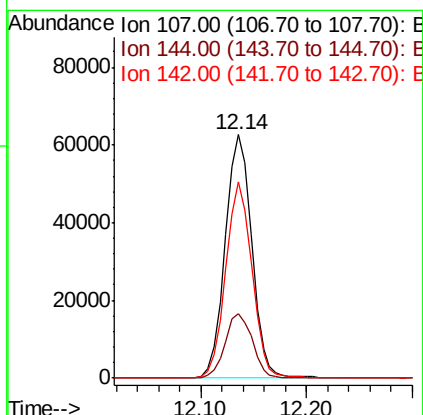
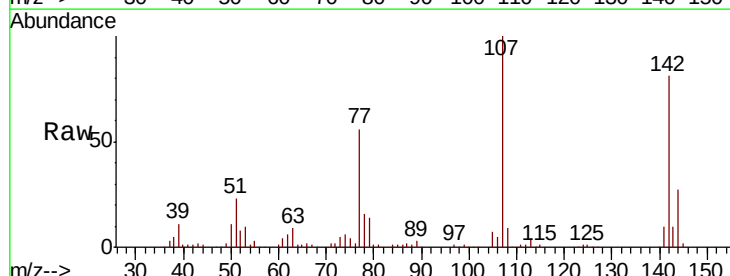
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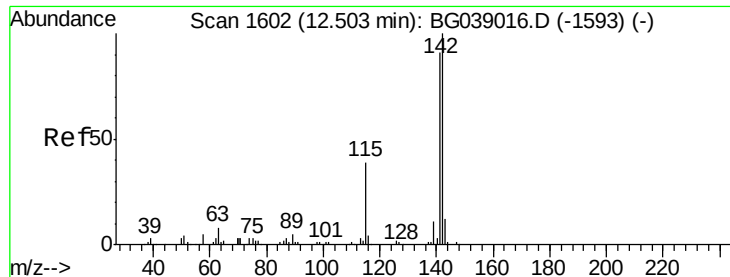
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#36
4-Chloro-3-methylphenol
Concen: 52.554 ng/ml
RT: 12.14 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion: 107 Resp: 109280
Ion Ratio Lower Upper
107 100
144 26.6 22.6 34.0
142 80.6 70.2 105.4





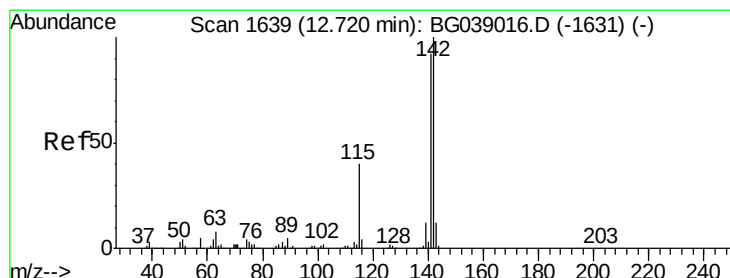
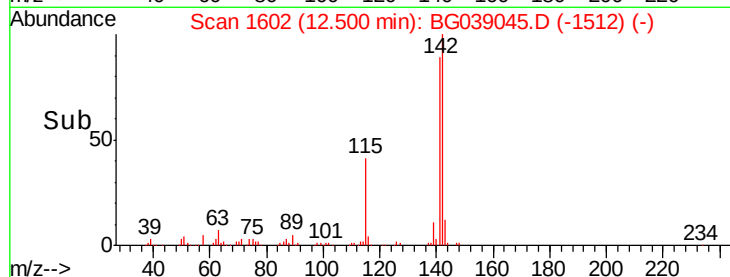
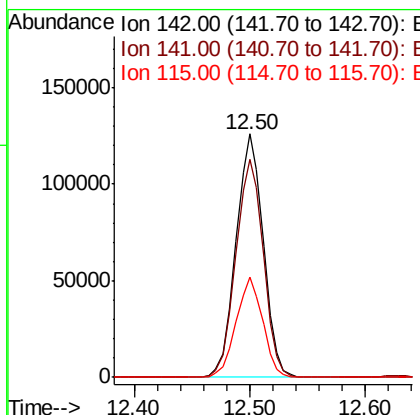
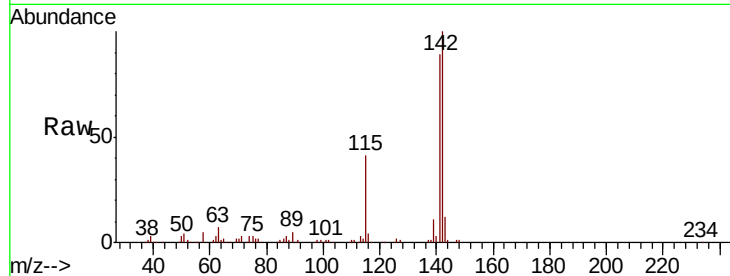
#37
2-Methylnaphthalene
Concen: 49.011 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	109.0
115	41.3	31.1	46.7

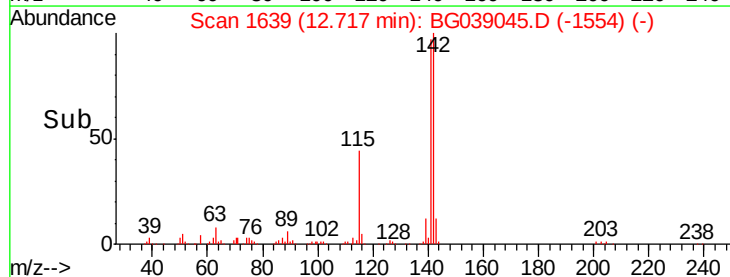
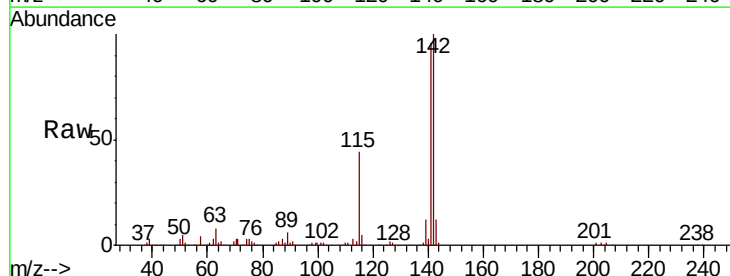
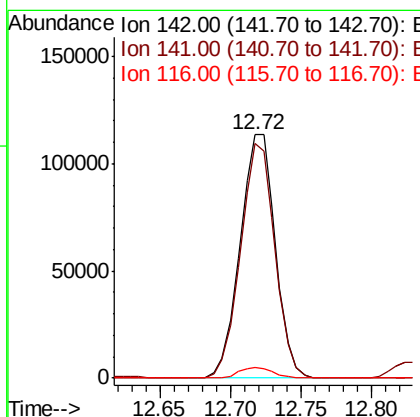
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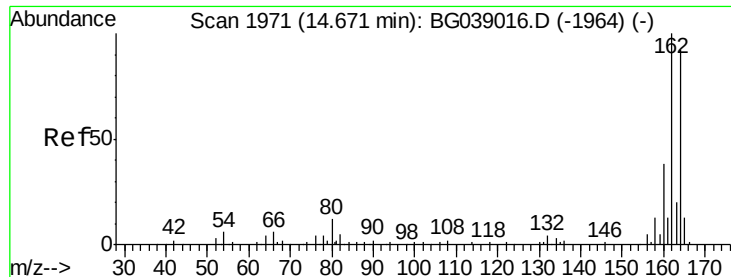
Sohil
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#38
1-Methylnaphthalene
Concen: 49.198 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.4	73.3	109.9
116	4.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

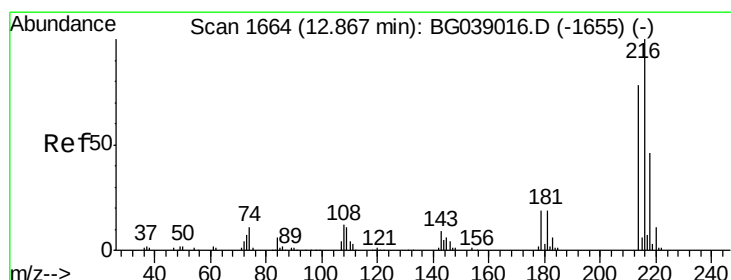
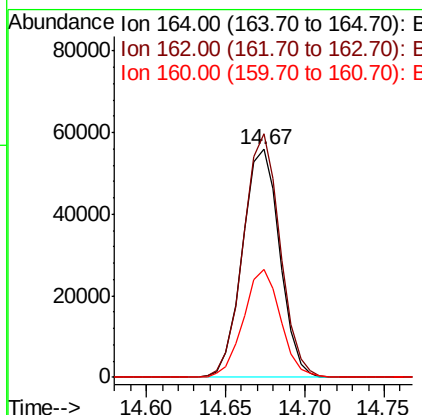
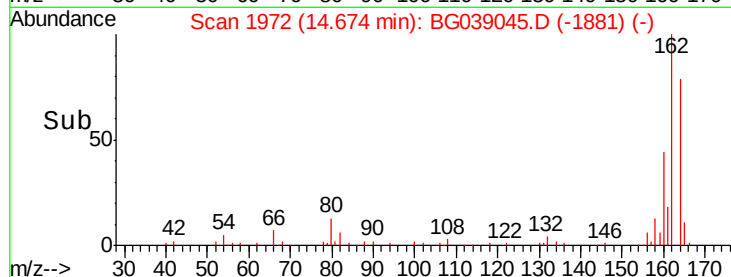
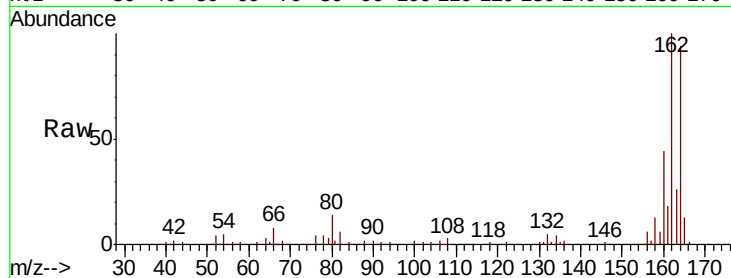
ClientSampleId :

JC-03-010819-AMSD

Tot Ion:	164	Resp:	91119
Ion Ratio	Lower	Upper	
164	100		
162	106.9	87.2	130.8
160	47.2	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.971 ng

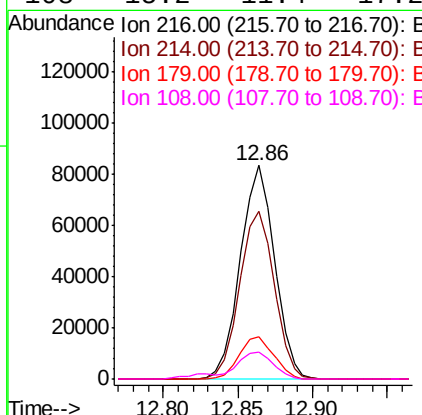
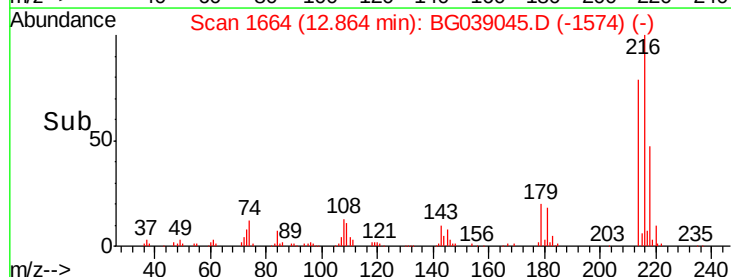
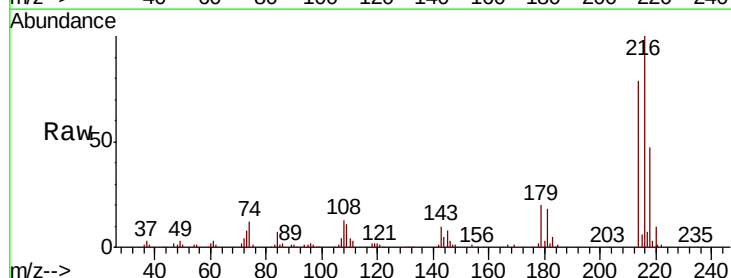
RT: 12.86 min Scan# 1664

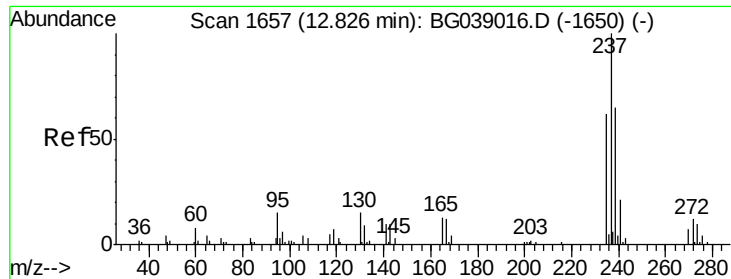
Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:	216	Resp:	133362
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.2
179	19.8	15.5	23.3
108	15.2	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 65.808 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

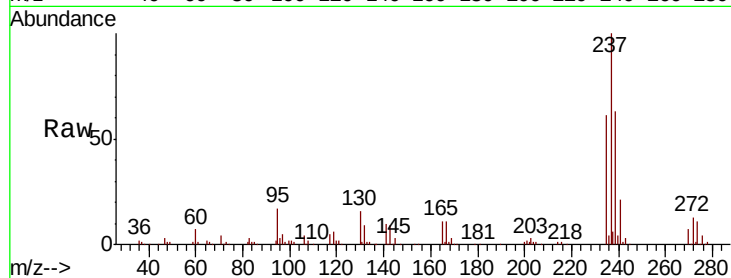
ClientSampleId :

JC-03-010819-AMSD

Tot Ion:	237	Resp:	124720
Ion Ratio	Lower	Upper	
237	100		
235	60.8	41.7	81.7
272	13.3	0.0	32.1

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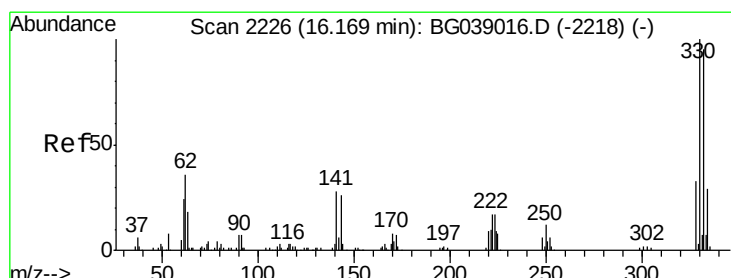
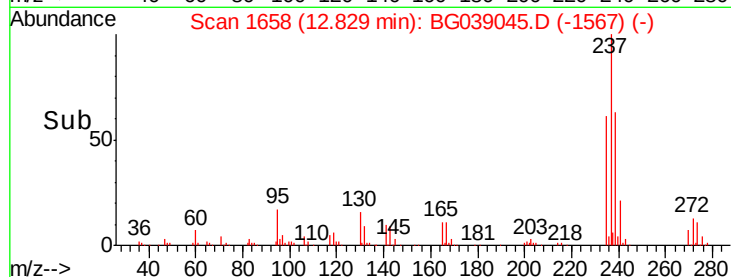
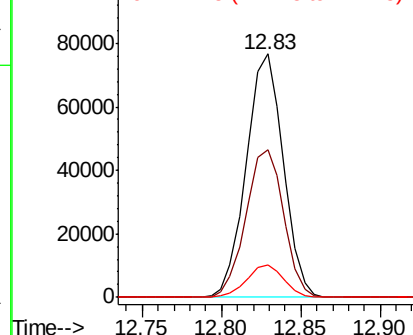


Abundance

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: 149.074 ng

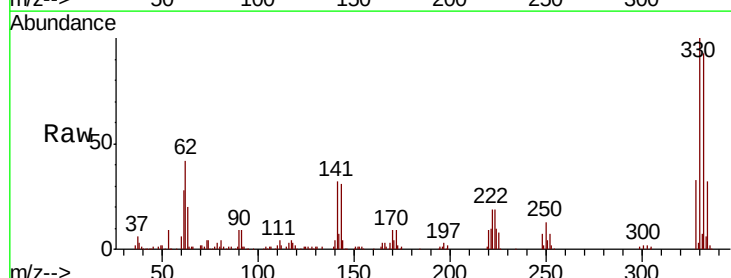
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:	330	Resp:	227697
Ion Ratio	Lower	Upper	
330	100		
332	94.6	75.7	113.5
141	31.3	24.9	37.3

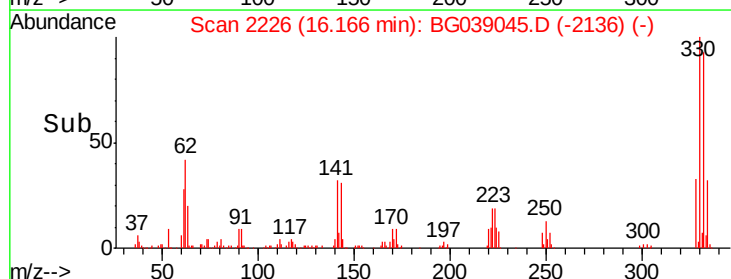
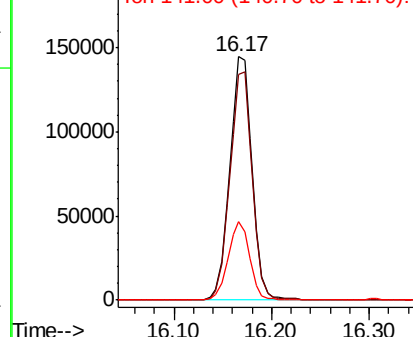


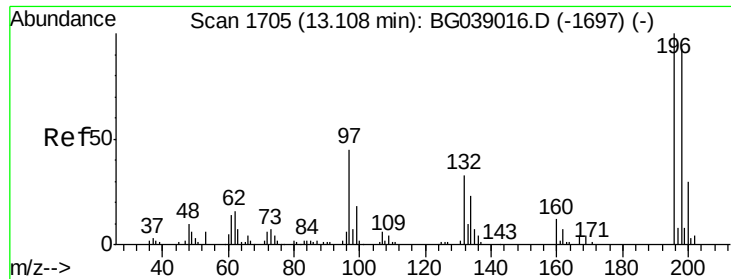
Abundance

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





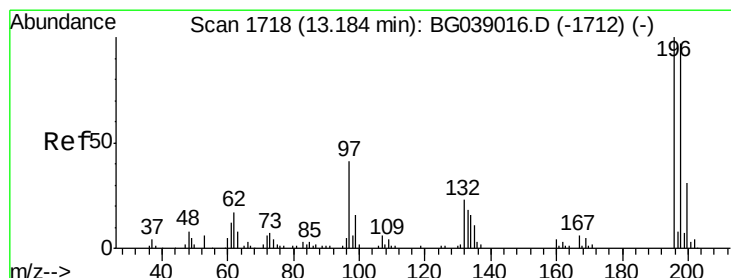
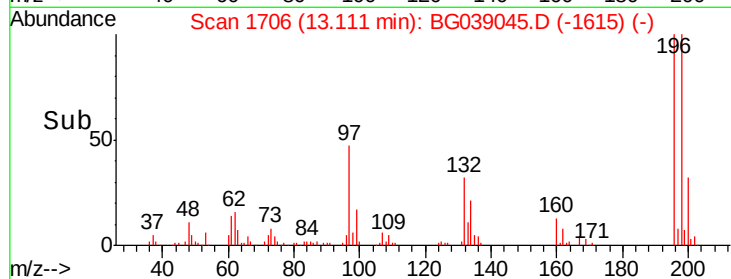
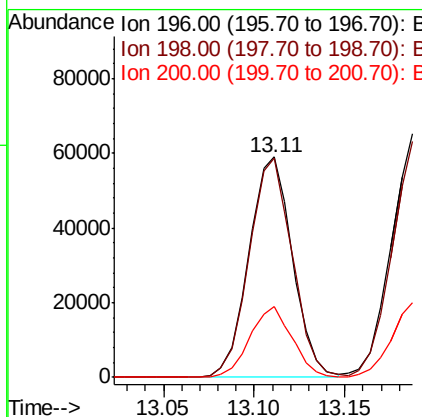
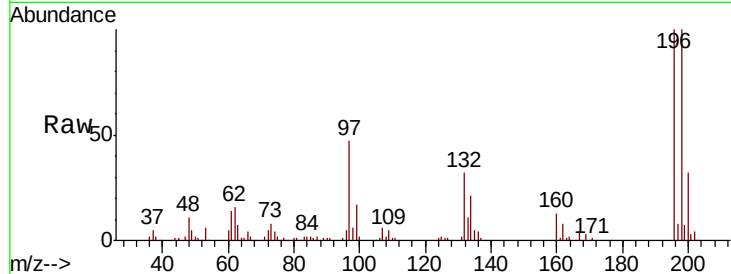
#43
 2,4,6-Trichlorophenol
 Concen: 45.640 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	98298		
198	99.6	74.5	111.7	
200	32.0	23.8	35.6	

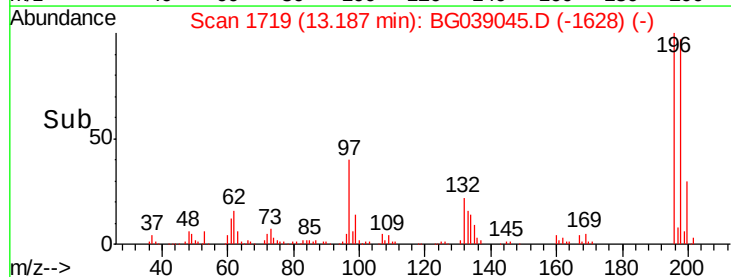
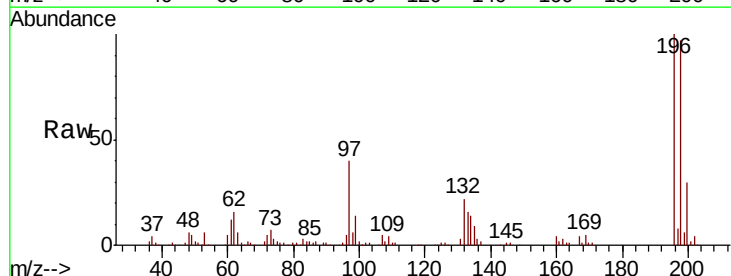
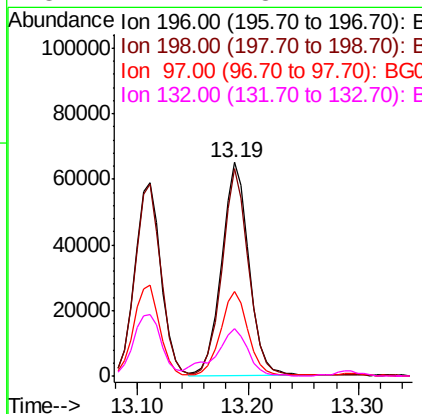
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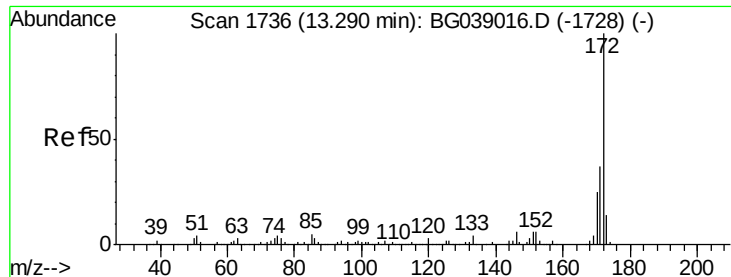
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 49.124 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111822		
198	97.0	78.1	117.1	
97	39.8	33.2	49.8	
132	22.1	18.2	27.4	





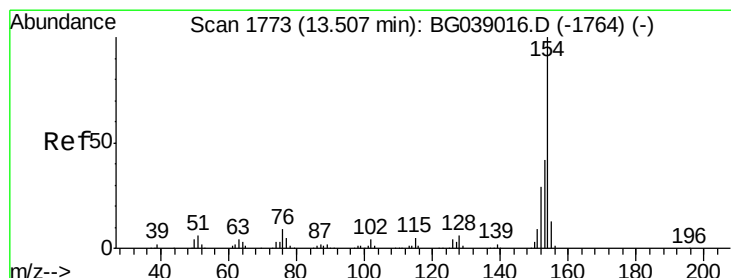
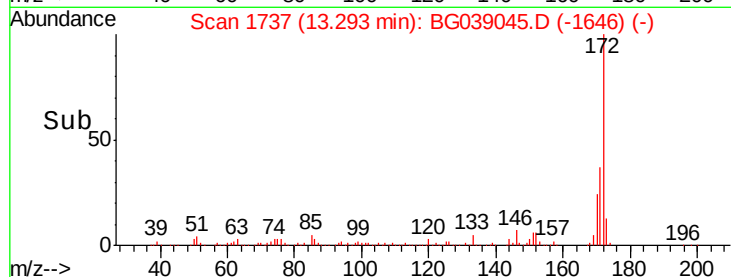
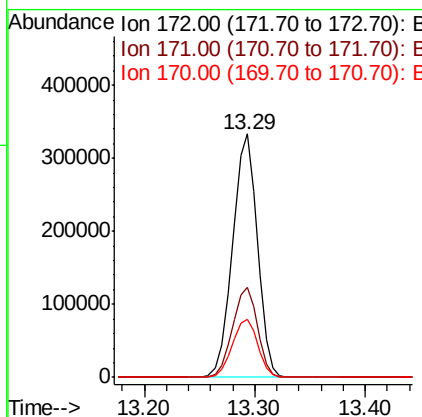
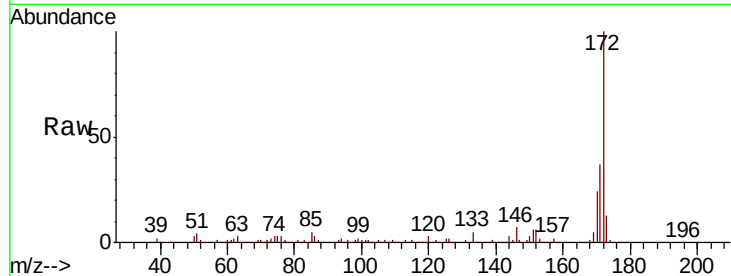
#45
2-Fluorobiphenyl
Concen: 78.939 ng
RT: 13.29 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.1	20.1	30.1

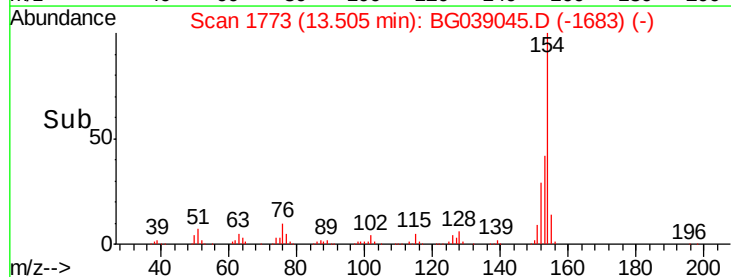
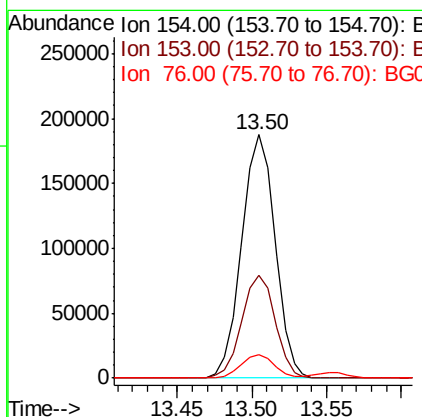
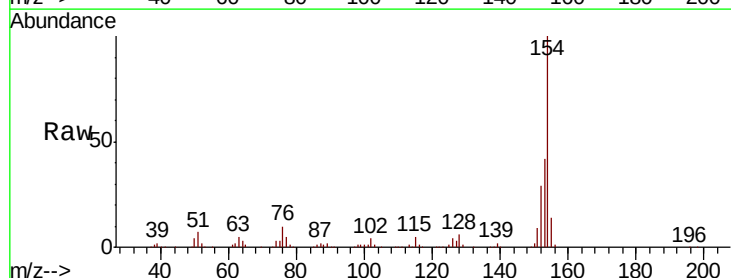
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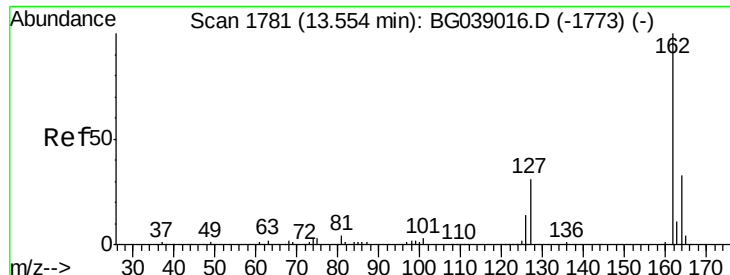
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#46
1,1'-Biphenyl
Concen: 40.358 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.4	62.4
76	9.7	0.0	29.4





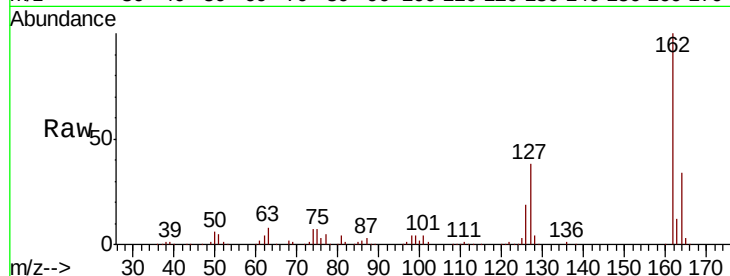
#47
 2-Chloronaphthalene
 Concen: 40.542 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

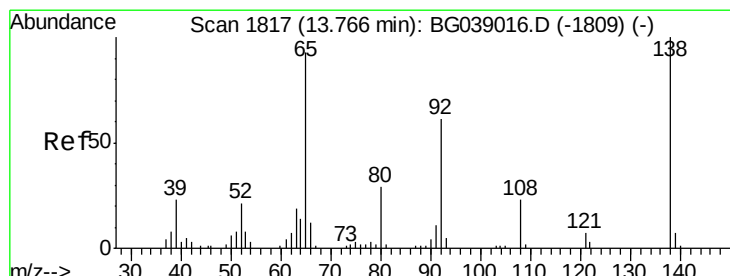
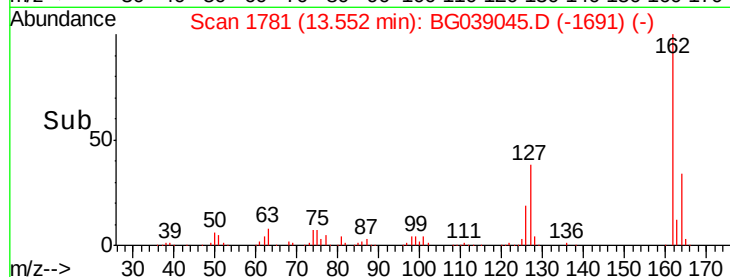
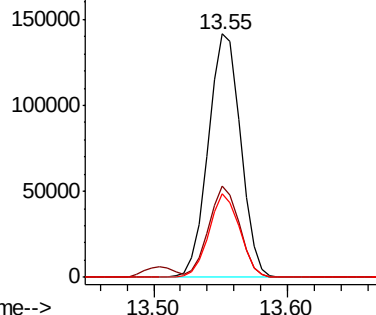
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	28.4	42.6
164	34.3	26.3	39.5

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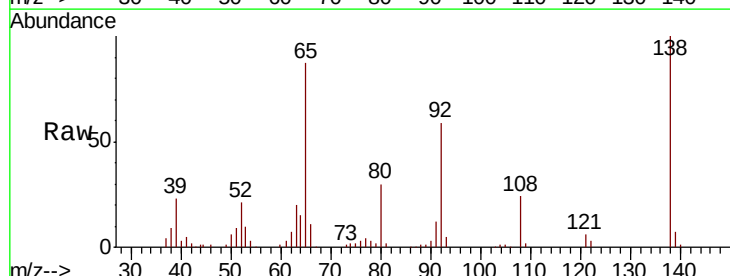


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

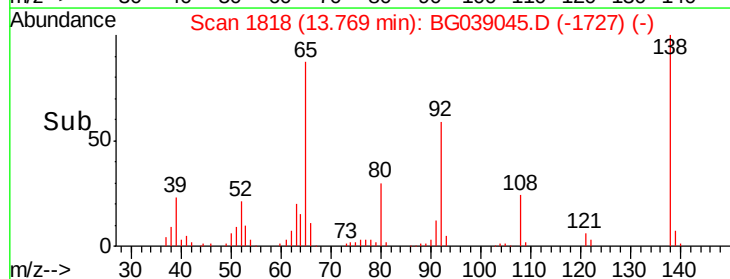
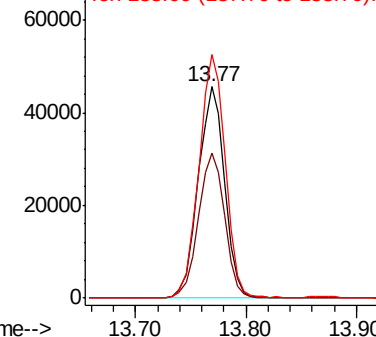


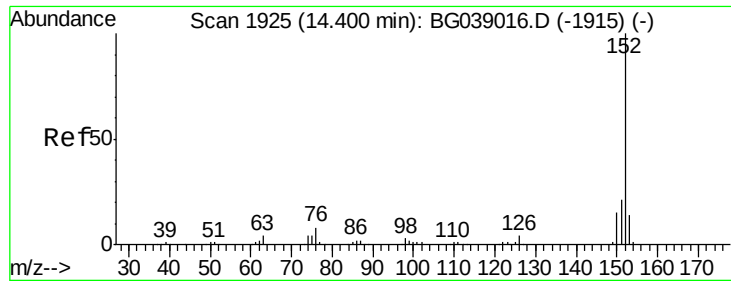
#48
 2-Nitroaniline
 Concen: 46.734 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	52.2	78.4
138	115.3	86.0	129.0



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: 46.263 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

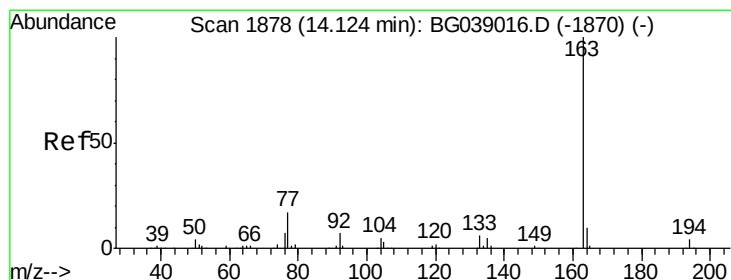
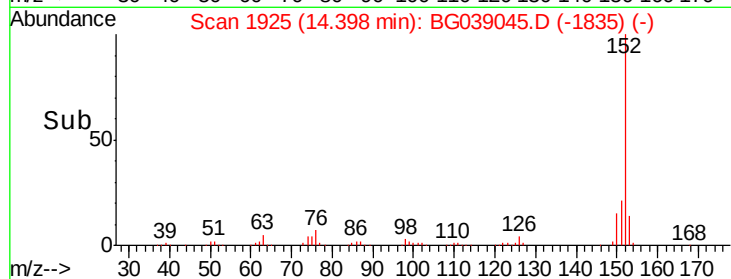
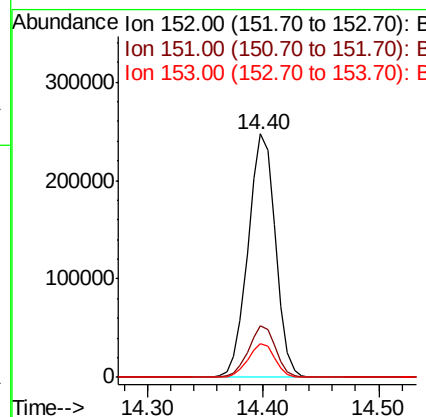
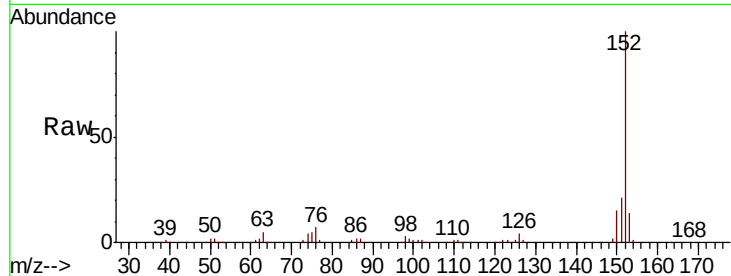
ClientSampleId :

JC-03-010819-AMSD

Tot Ion:	152	Resp:	406280
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.0	25.4
153	13.7	11.2	16.8

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#50

Dimethylphthalate

Concen: 46.068 ng

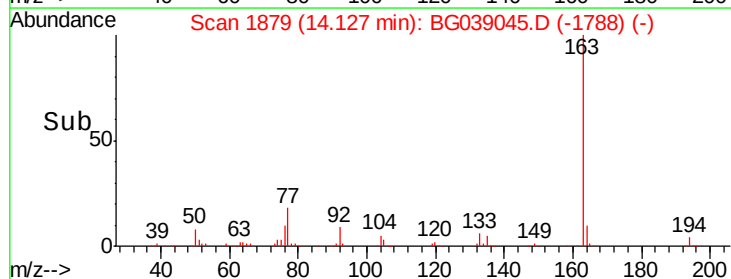
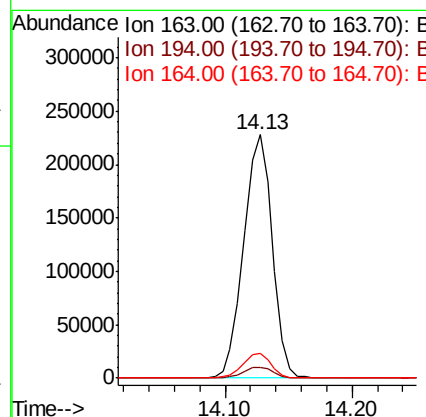
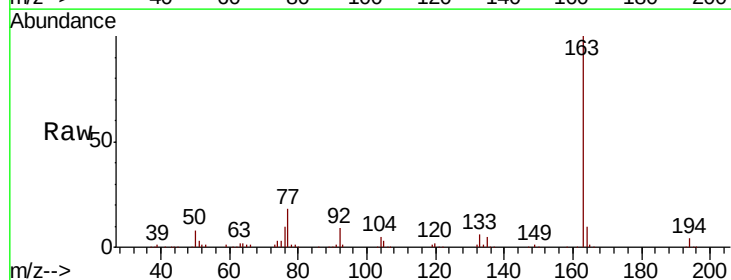
RT: 14.13 min Scan# 1879

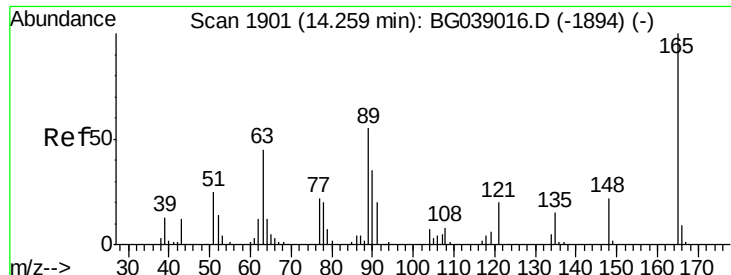
Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:	163	Resp:	354720
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.2	8.2	12.2





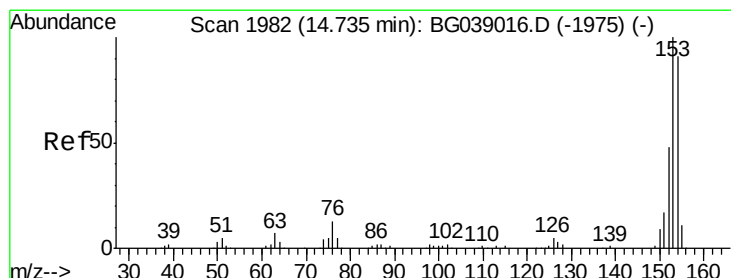
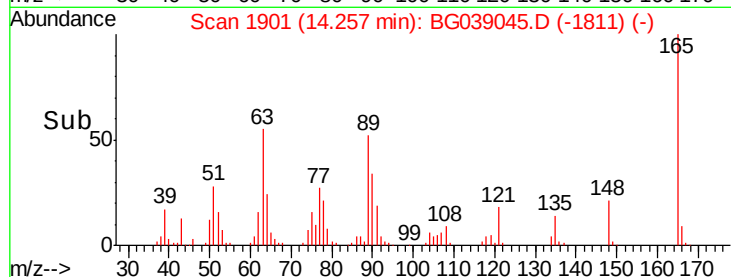
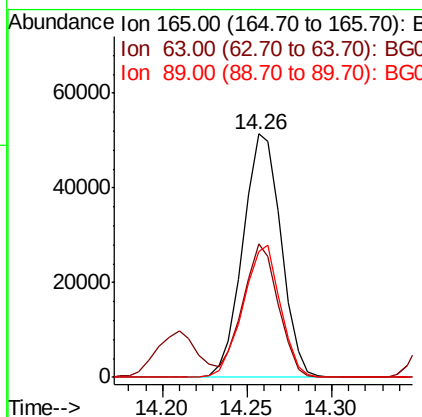
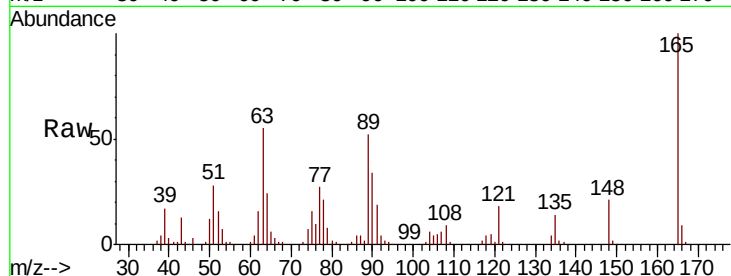
#51
 2,6-Dinitrotoluene
 Concen: 46.972 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	80862		
63	54.8		43.6	65.4
89	51.9		43.7	65.5

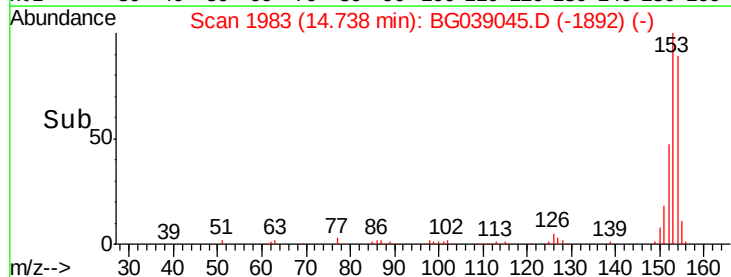
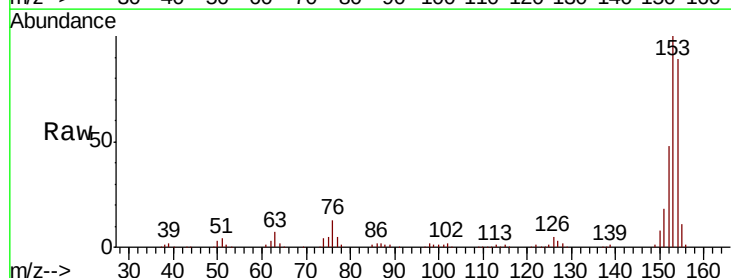
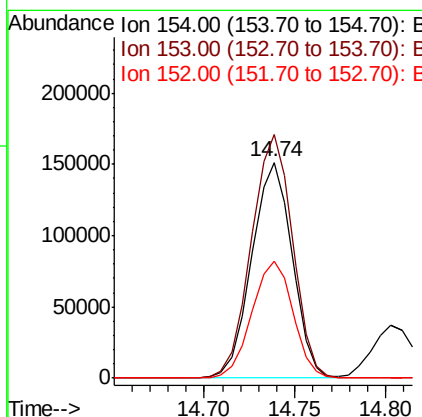
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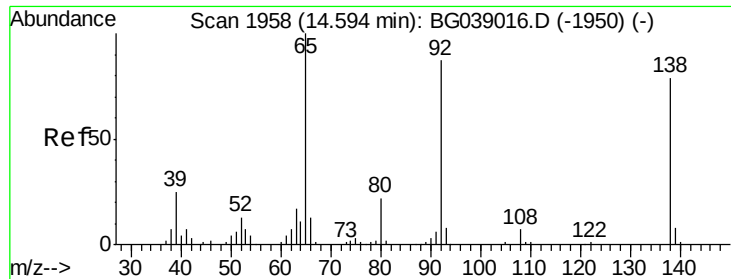
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#52
 Acenaphthene
 Concen: 44.486 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	234722		
153	112.8		87.9	131.9
152	54.1		42.2	63.2





#53

3-Nitroaniline

Concen: 11.798 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

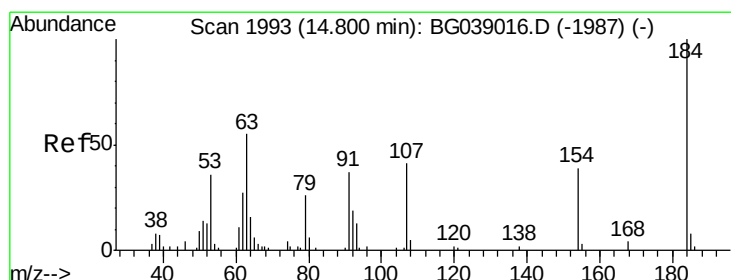
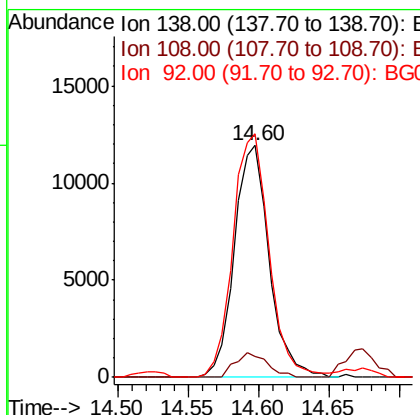
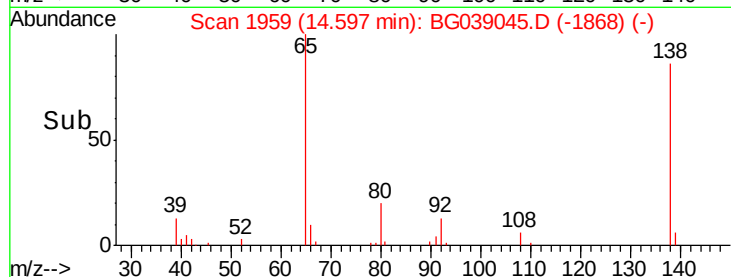
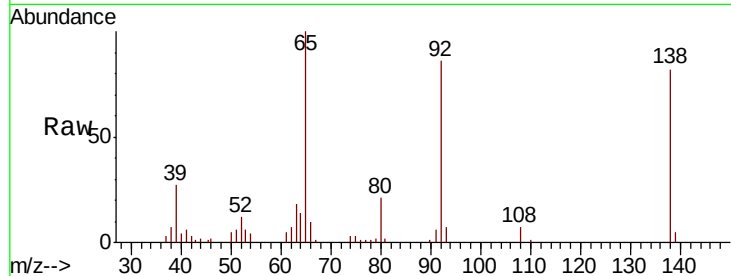
ClientSampleId :

JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.4	11.0
92	105.1	88.2	132.4

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#54

2,4-Dinitrophenol

Concen: 94.409 ng

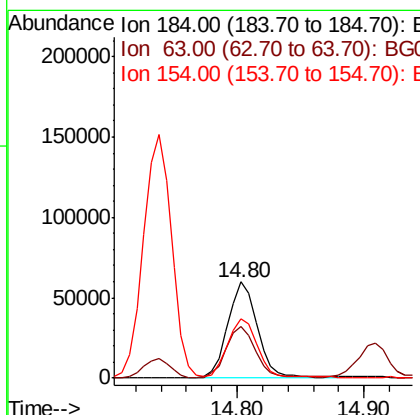
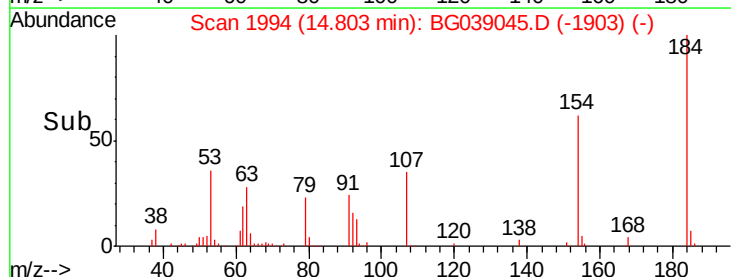
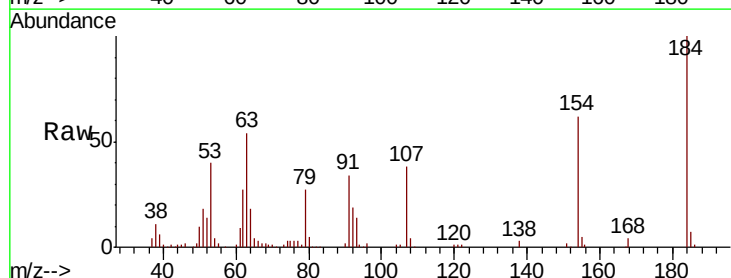
RT: 14.80 min Scan# 1994

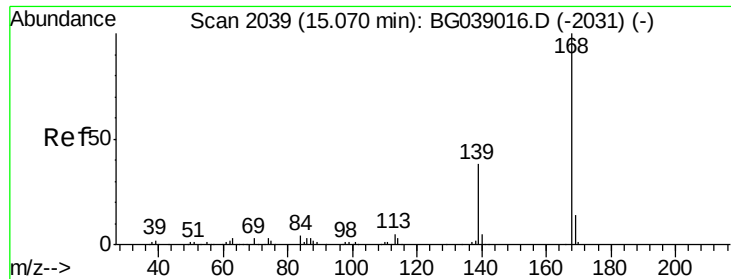
Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.0	44.0	66.0
154	61.7	46.1	69.1





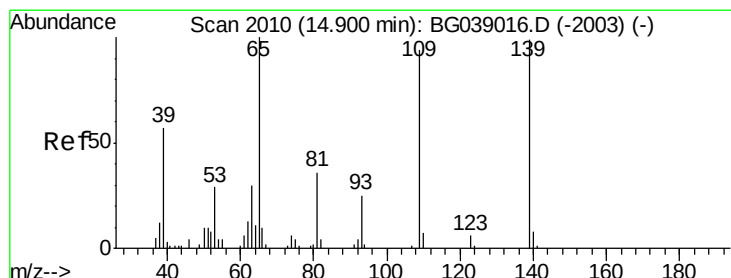
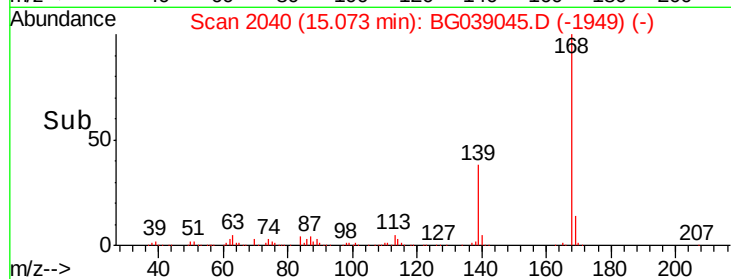
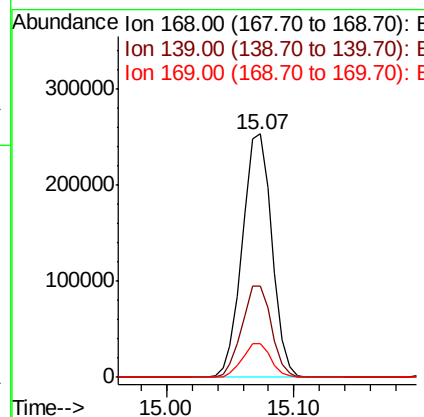
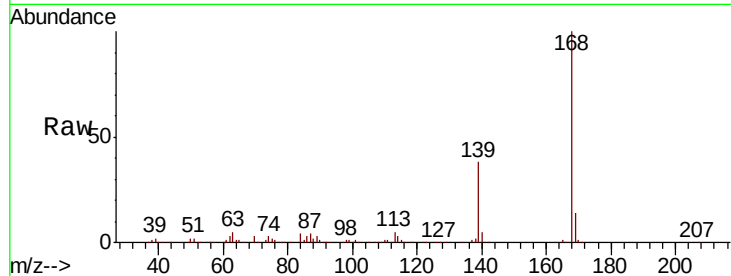
#55
Dibenzenofuran
Concen: 43.828 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.7	10.9	16.3

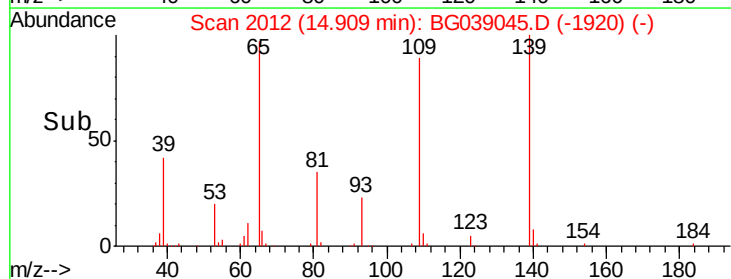
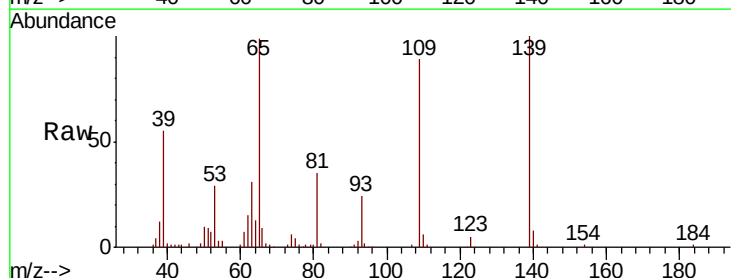
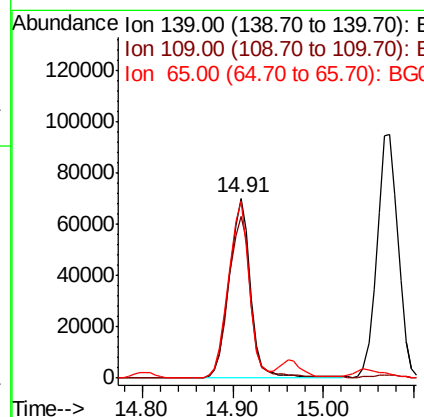
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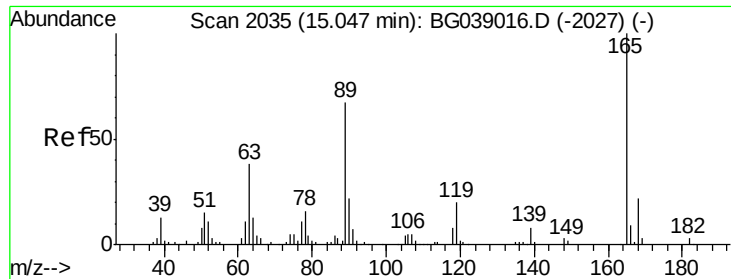
Sohil
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#56
4-Nitrophenol
Concen: 91.624 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.5	75.6	115.6
65	98.7	81.2	121.2





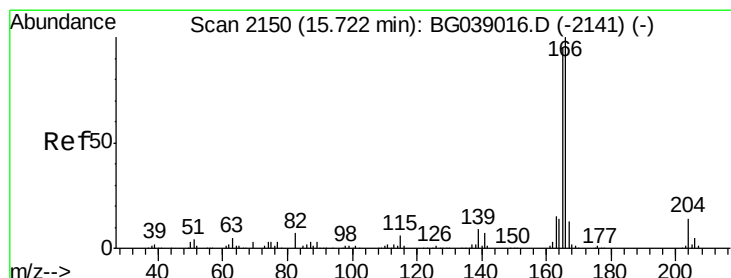
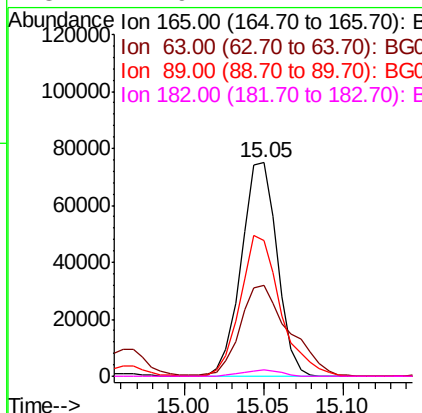
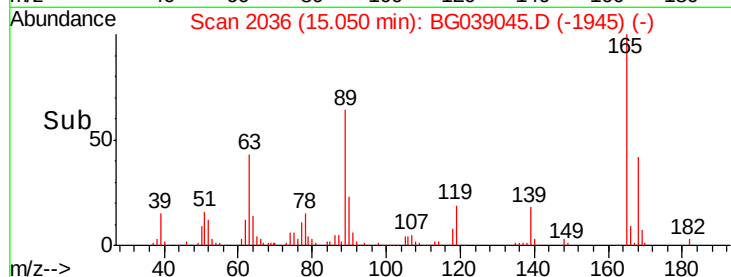
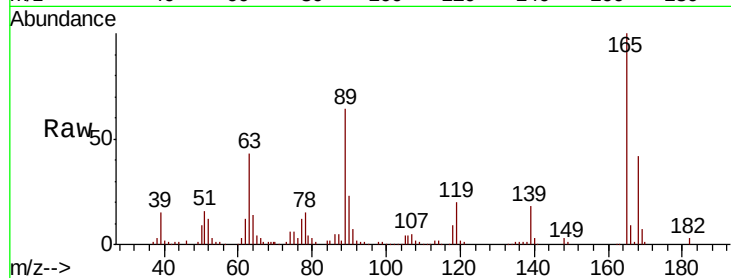
#57
2,4-Dinitrotoluene
Concen: 47.700 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	117811		
63	42.6	30.2	45.4	
89	63.8	53.2	79.8	
182	2.9	2.7	4.1	

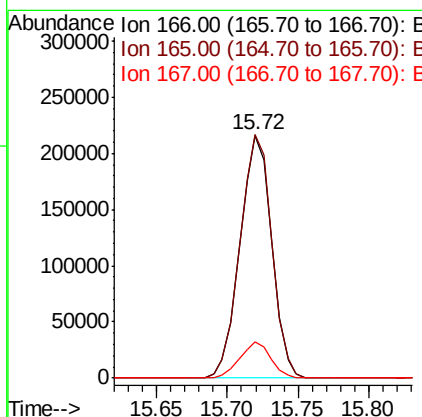
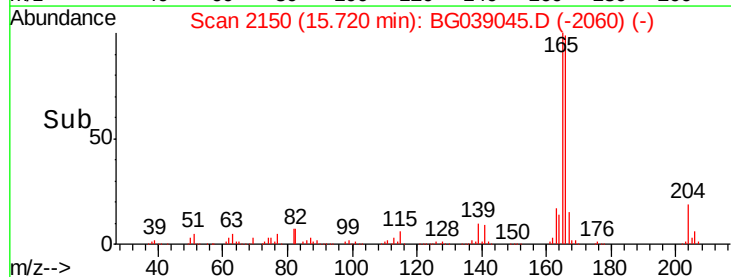
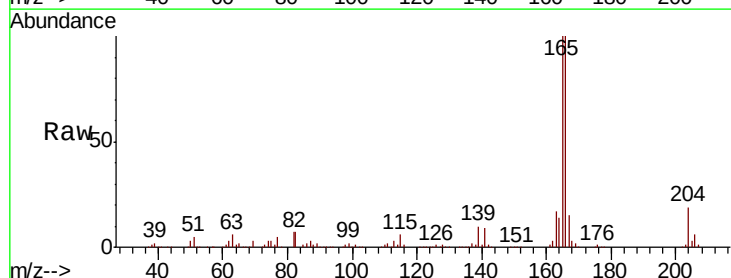
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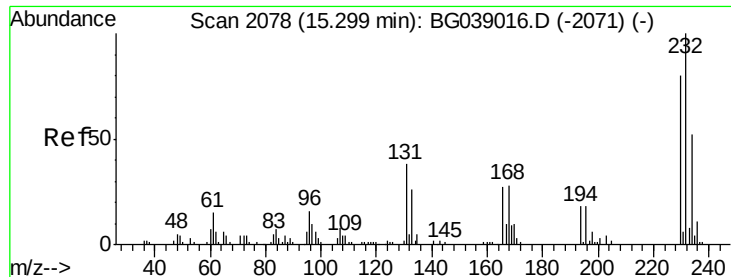
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#58
Fluorene
Concen: 48.312 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	338878		
165	100.2	76.2	114.2	
167	14.9	10.6	16.0	





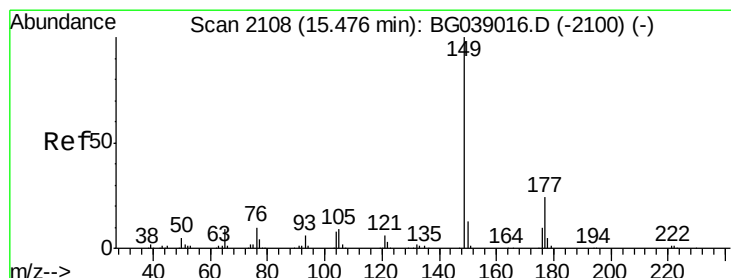
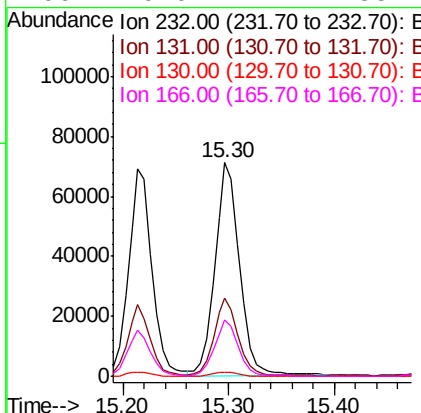
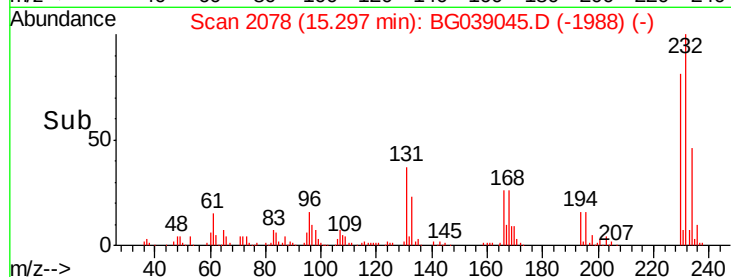
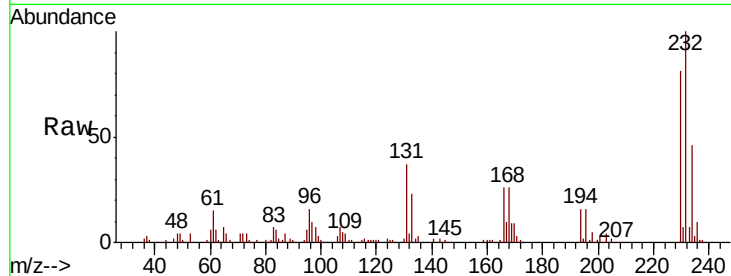
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.568 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	115106		
131	34.8	30.9	46.3	
130	2.1	1.9	2.9	
166	26.0	22.1	33.1	

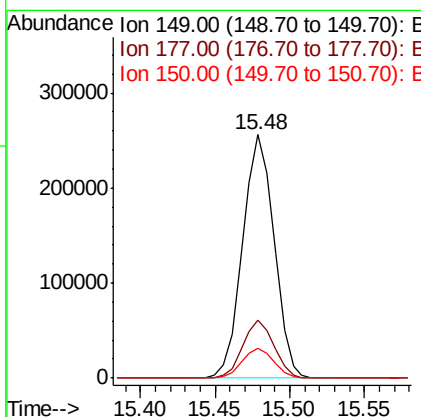
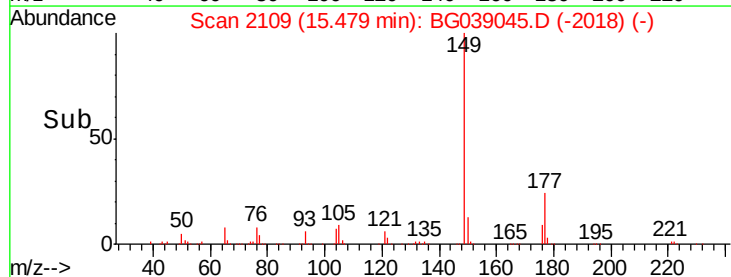
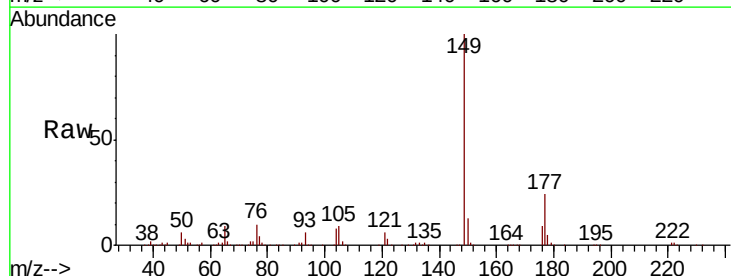
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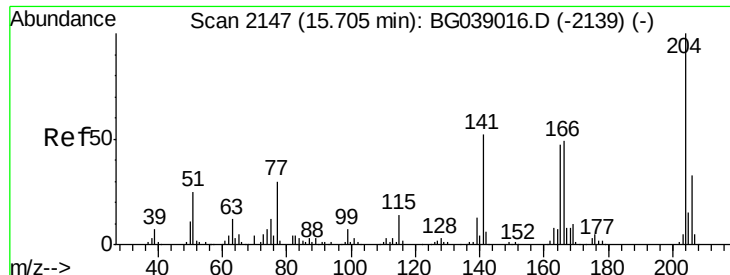
Sohil
 1/10/2019 3:15:29 PM



#60
 Diethylphthalate
 Concen: 46.907 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	372130		
177	24.0	19.0	28.6	
150	12.5	10.2	15.4	





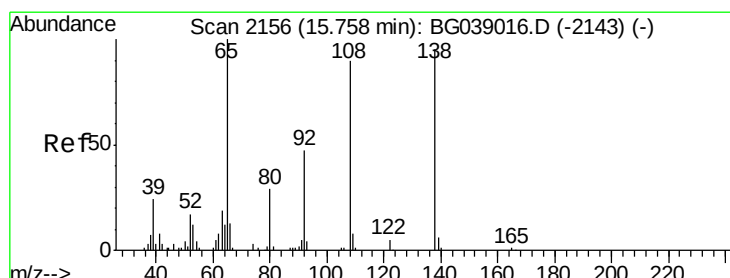
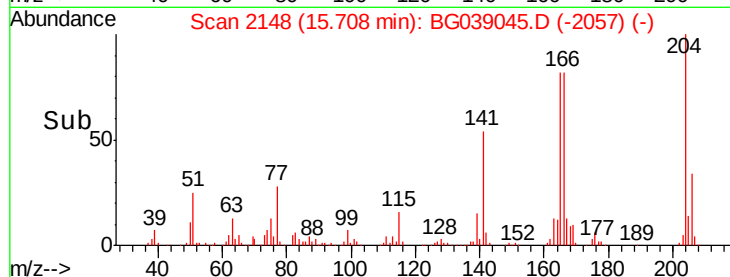
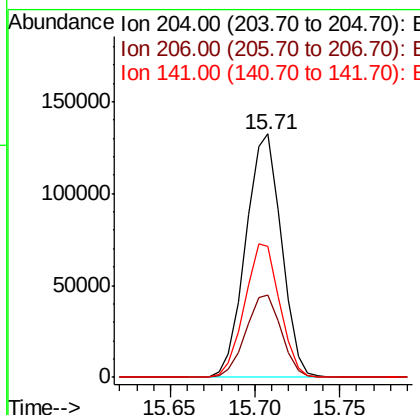
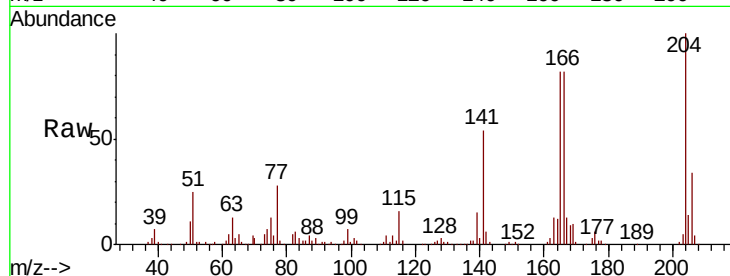
#61
4-Chlorophenyl-phenylether
Concen: 43.998 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	53.7	41.4	62.0

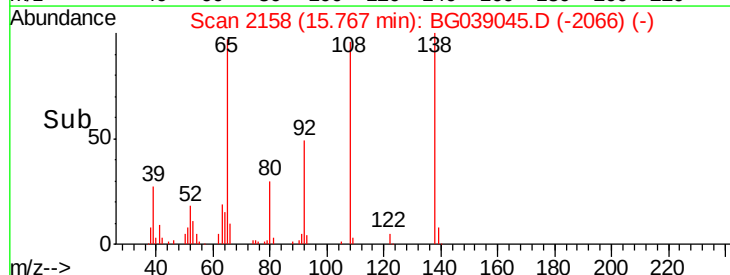
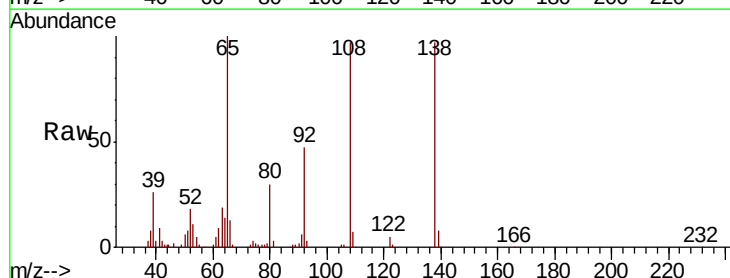
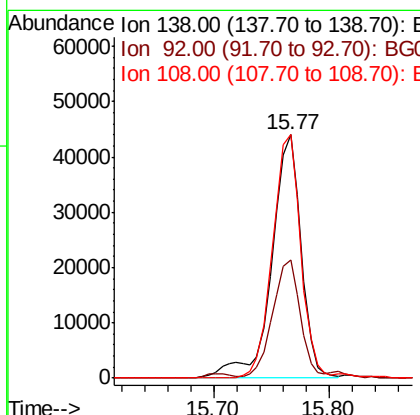
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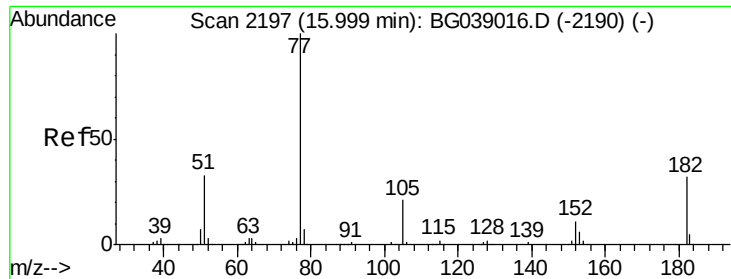
Sohil
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#62
4-Nitroaniline
Concen: 42.943 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.7	69.7
108	99.9	75.7	115.7





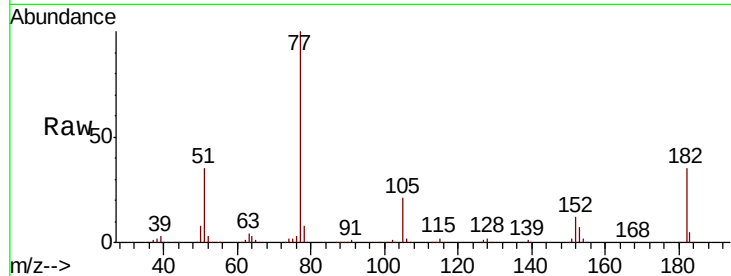
#63
Azobenzene
Concen: 45.025 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

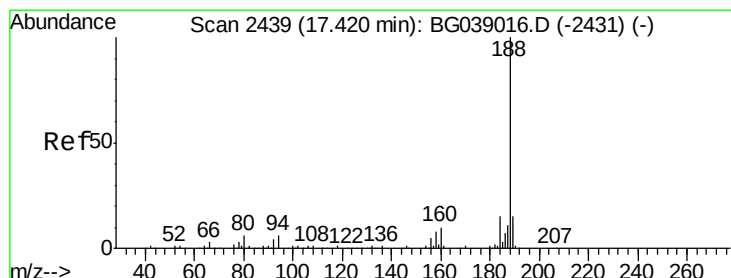
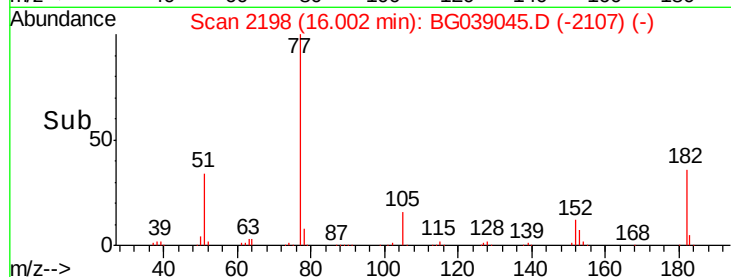
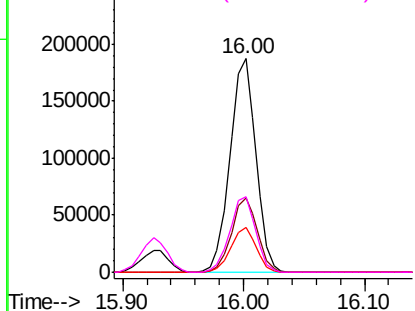
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		279338		
182	35.0	12.2	52.2		
105	21.3	1.2	41.2		
51	35.2	13.4	53.4		

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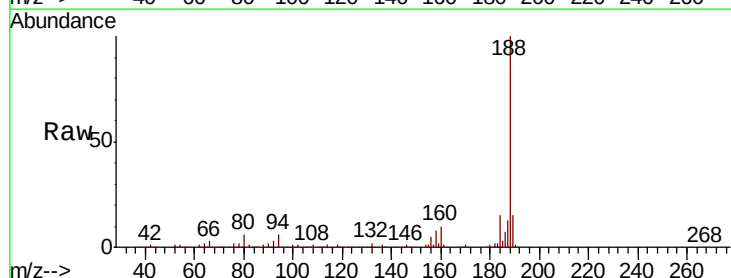


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

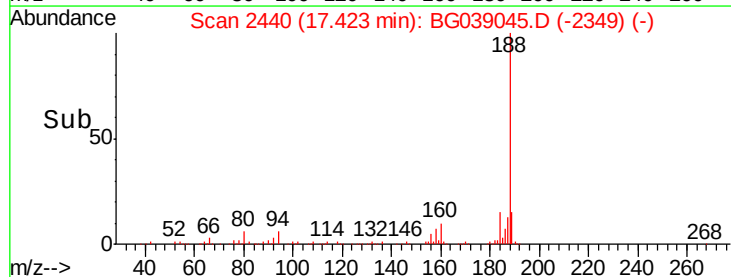
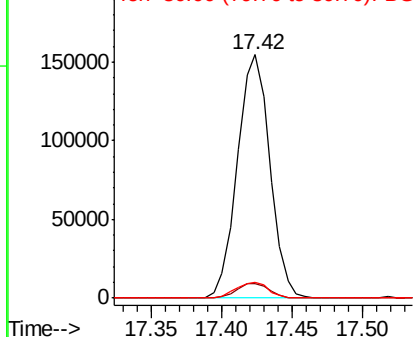


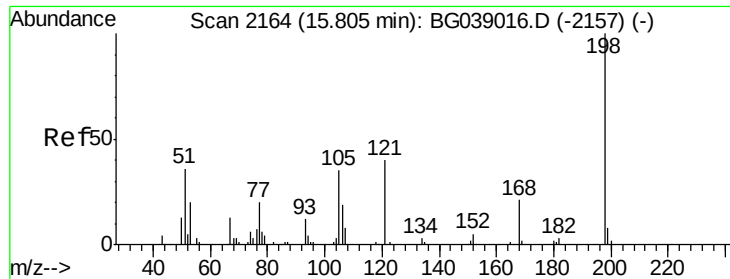
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		248196		
94	6.2	5.0	7.4		
80	6.4	4.7	7.1		



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: 41.938 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

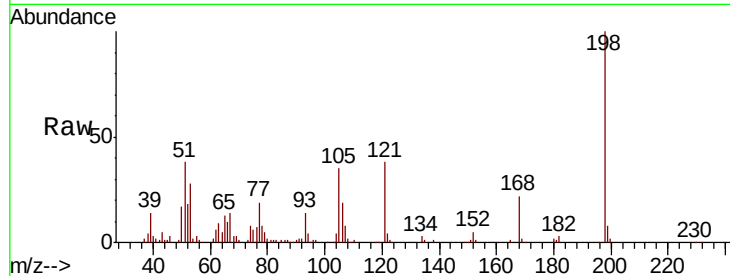
ClientSampleId :

JC-03-010819-AMSD

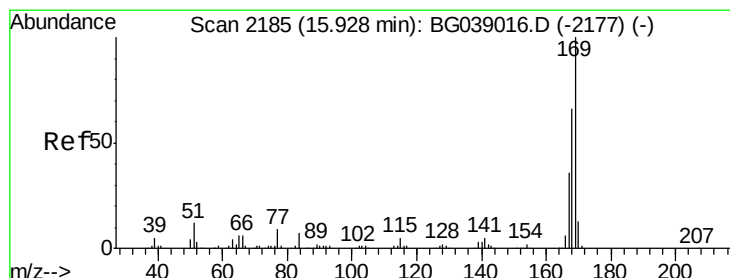
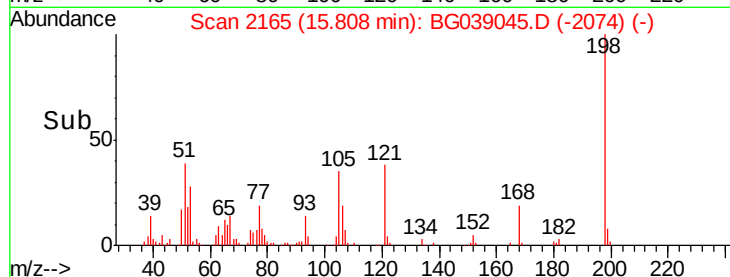
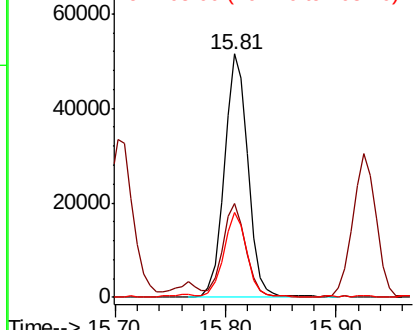
Tot Ion:	198	Resp:	77114
Ion Ratio	Lower	Upper	
198	100		
51	38.5	20.8	60.8
105	35.1	16.1	56.1

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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: 43.277 ng

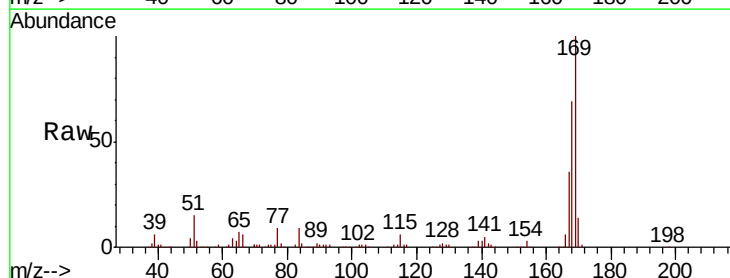
RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

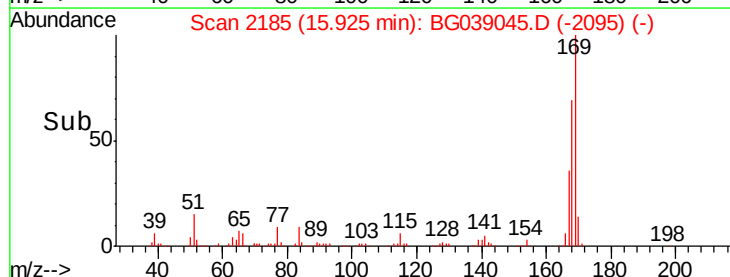
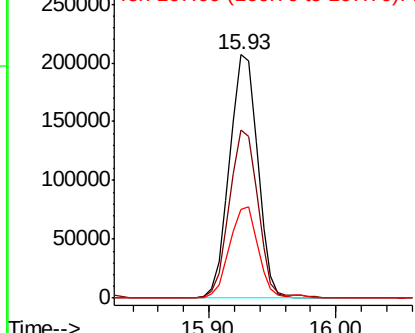
Lab File: BG039045.D

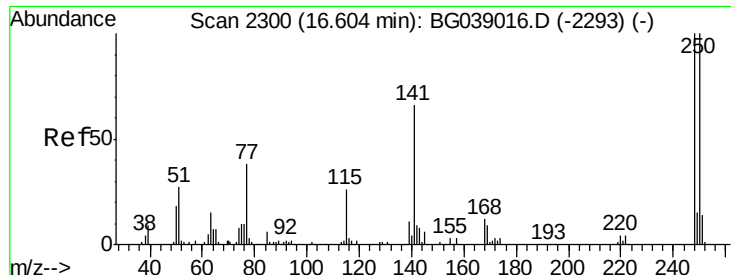
Acq: 10 Jan 2019 8:14

Tgt Ion:	169	Resp:	318419
Ion Ratio	Lower	Upper	
169	100		
168	69.1	53.2	79.8
167	36.3	29.1	43.7



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





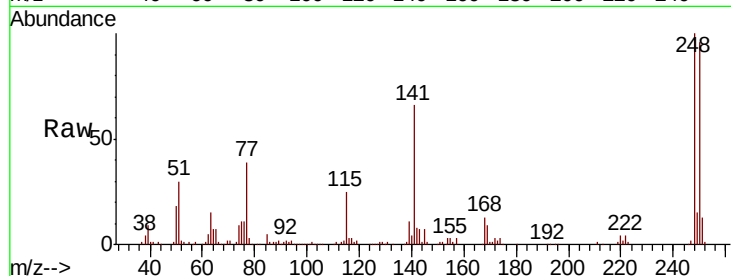
#67
 4-Bromophenyl-phenylether
 Concen: 42.787 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.9	119.9
141	66.3	52.7	79.1

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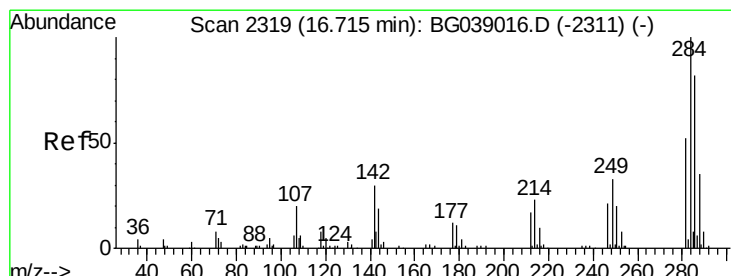
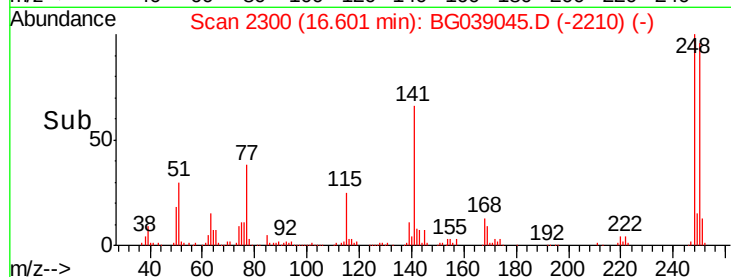
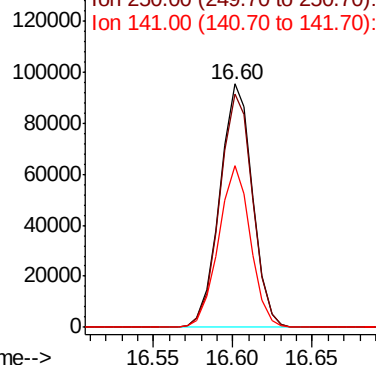


Abundance

Ion 248.00 (247.70 to 248.70): E

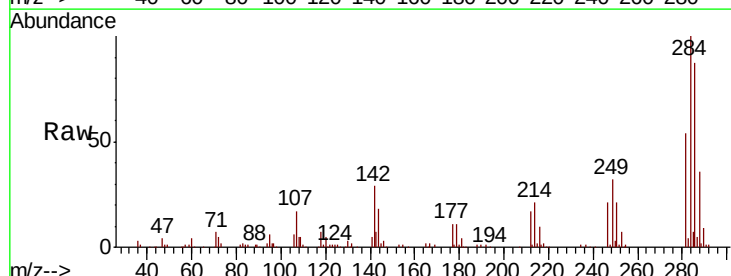
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.526 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	24.3	36.5
249	34.2	27.8	41.8

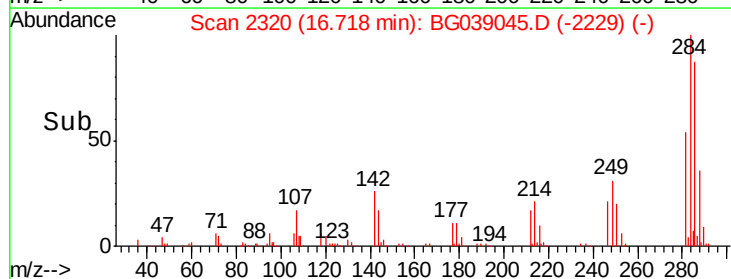
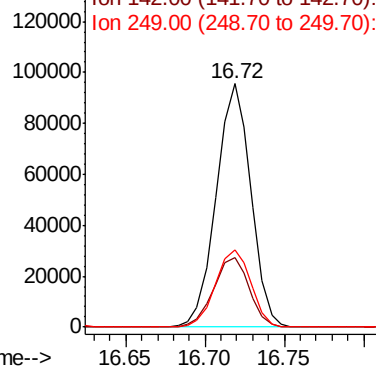


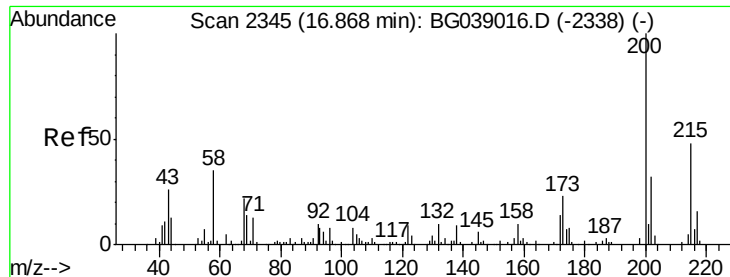
Abundance

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





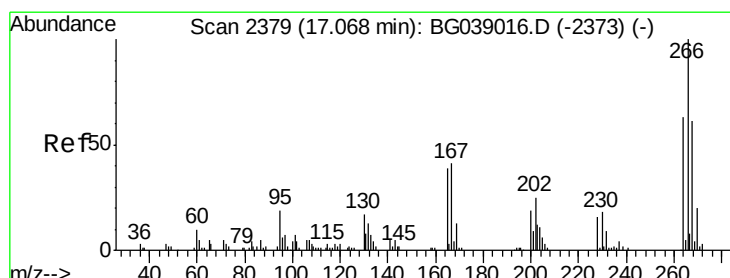
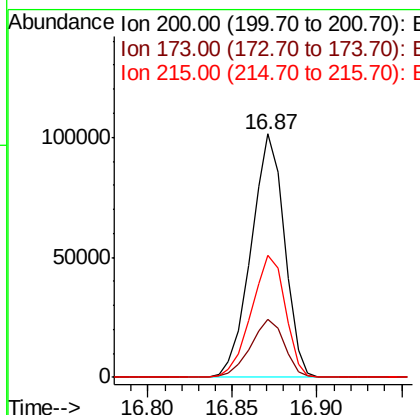
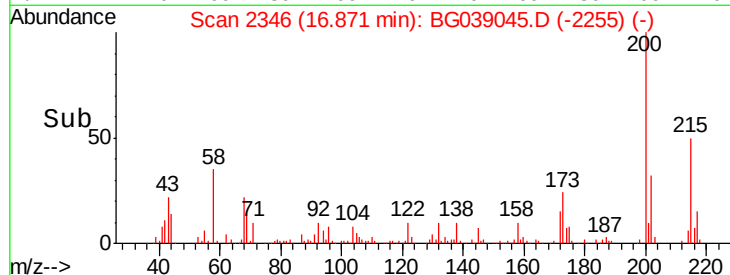
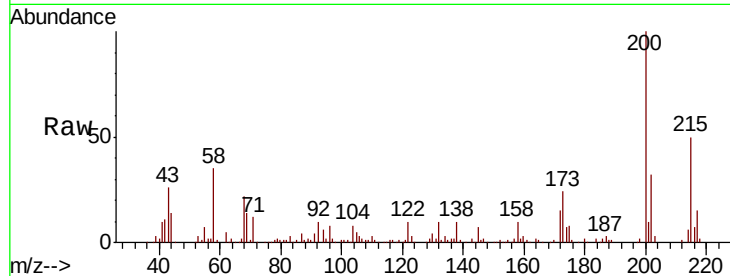
#69
 Atrazine
 Concen: 44.634 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.9	2.6	42.6
215	50.2	28.0	68.0

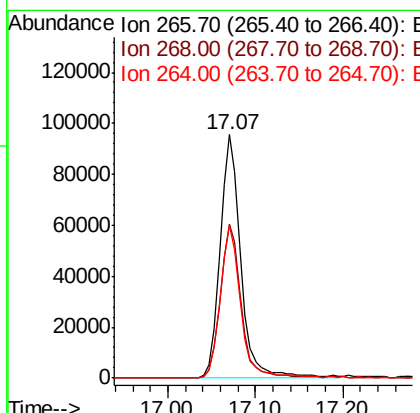
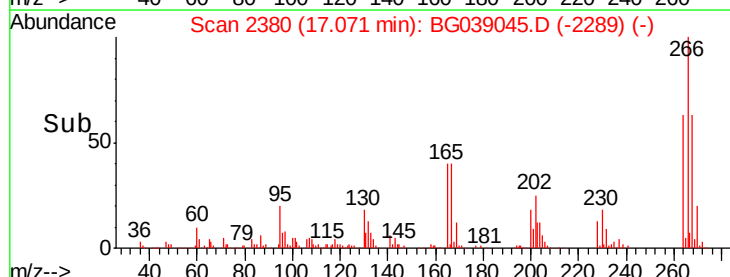
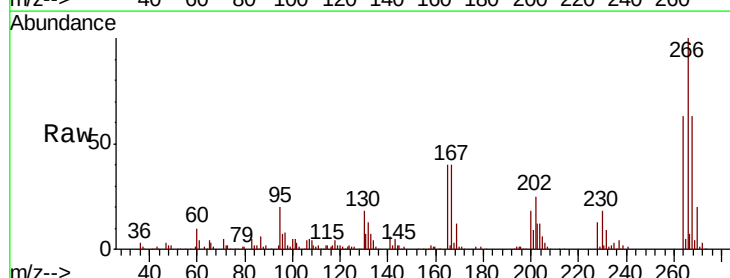
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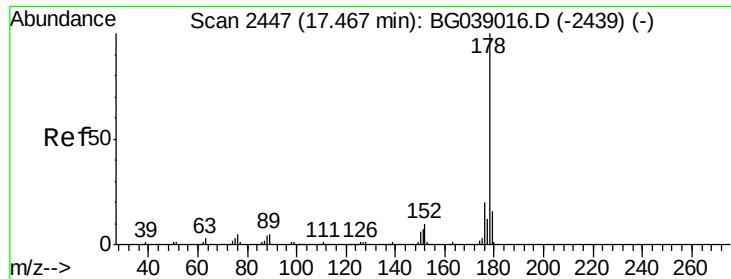
Sohil
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#70
 Pentachlorophenol
 Concen: 73.584 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG039045.D
 Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.4	52.0	78.0
264	62.6	54.6	81.8





#71

Phenanthrene

Concen: 45.944 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

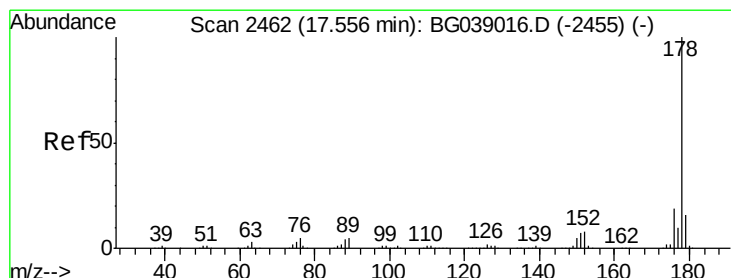
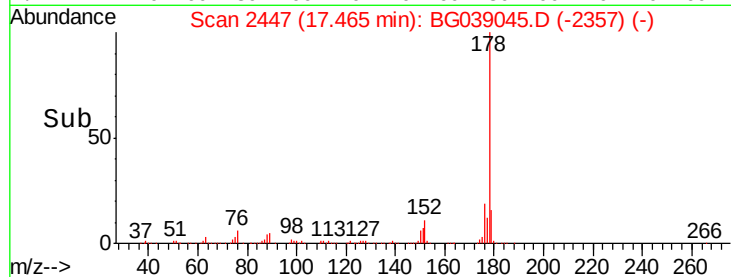
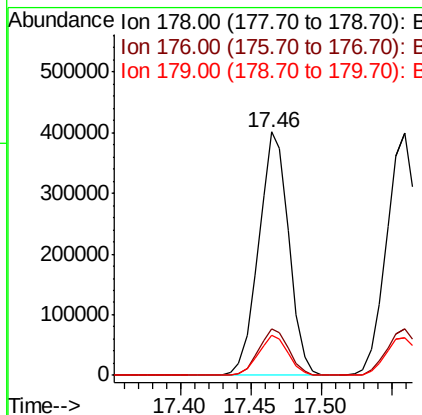
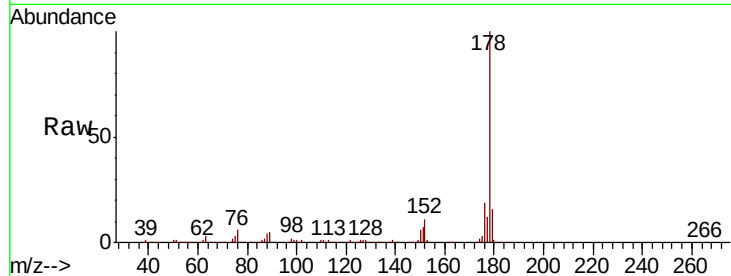
ClientSampleId :

JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	16.3	12.9	19.3

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#72

Anthracene

Concen: 47.239 ng

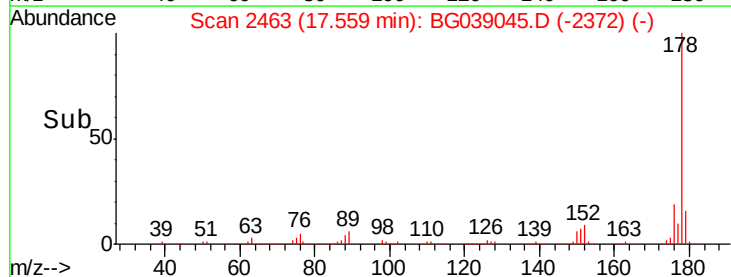
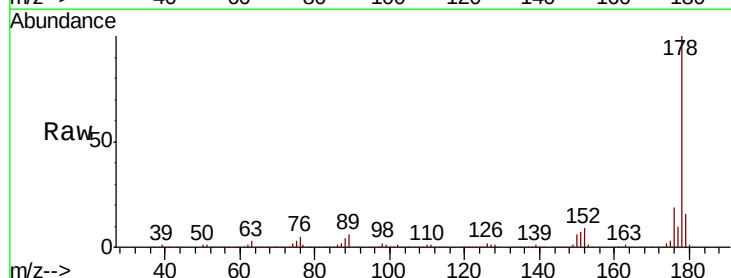
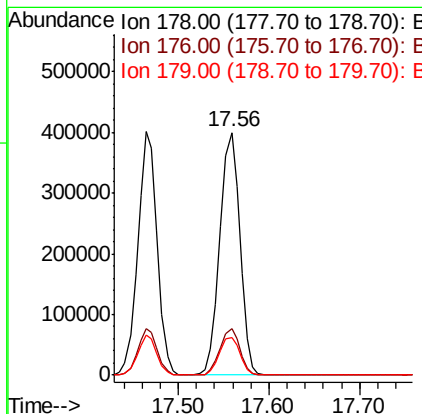
RT: 17.56 min Scan# 2463

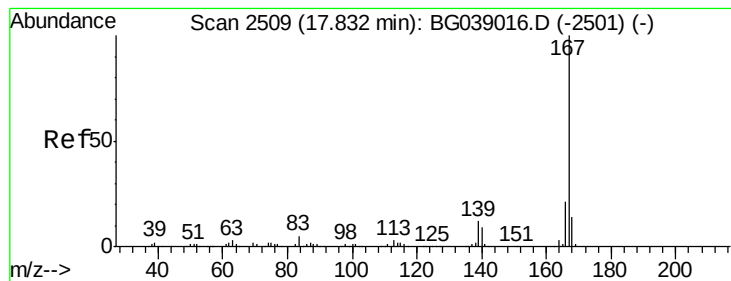
Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.6	13.0	19.4





#73

Carbazole

Concen: 41.205 ng

RT: 17.83 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

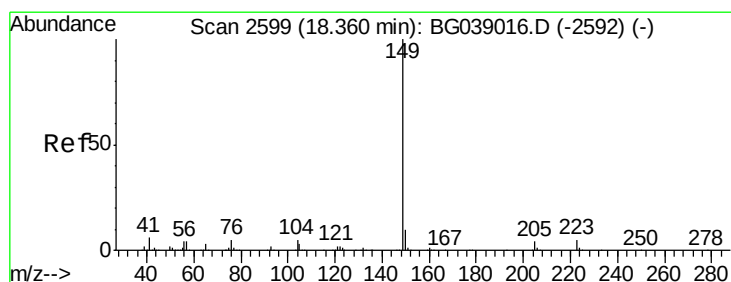
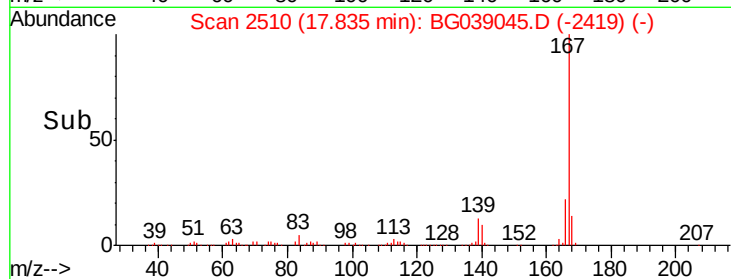
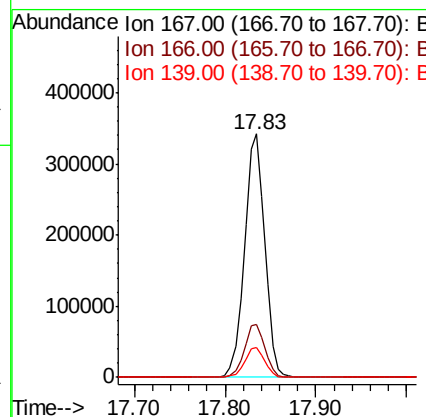
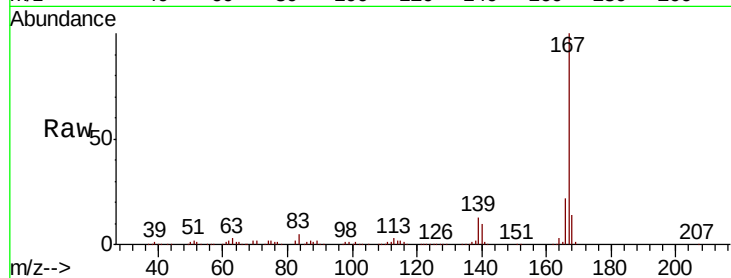
ClientSampleId :

JC-03-010819-AMSD

Tot Ion:	167	Resp:	527618
Ion Ratio	Lower	Upper	
167	100		
166	21.5	16.9	25.3
139	12.5	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 43.894 ng

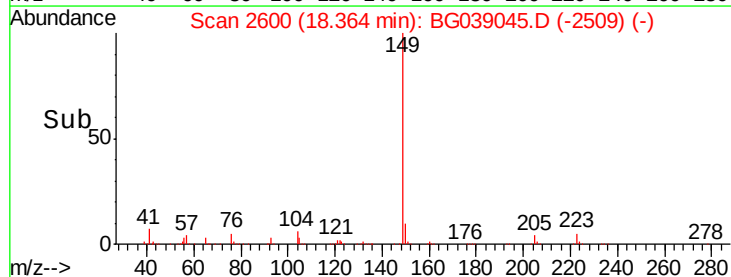
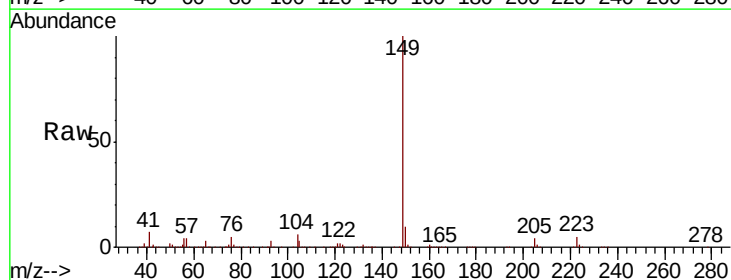
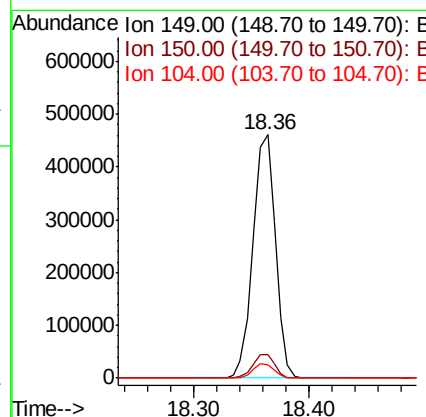
RT: 18.36 min Scan# 2600

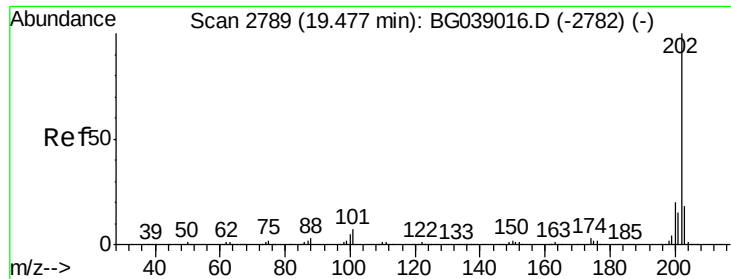
Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:	149	Resp:	625274
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.9	11.9
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 41.825 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

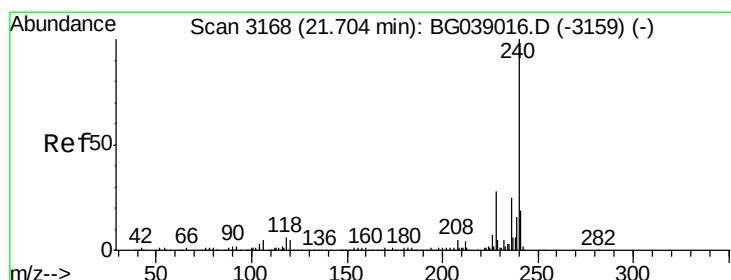
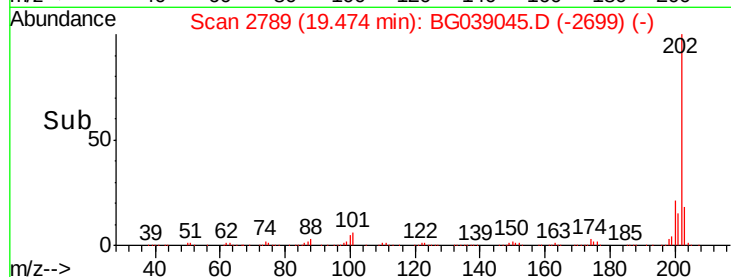
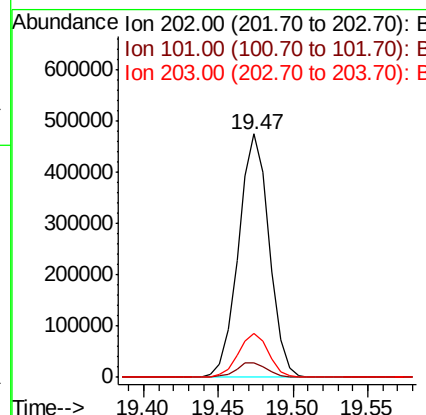
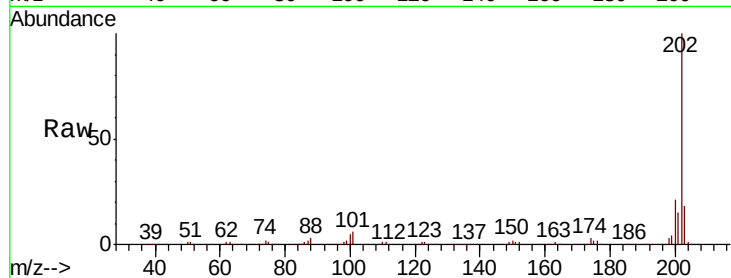
ClientSampleId :

JC-03-010819-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	680215		
101	6.0	0.0	26.9	
203	18.0	0.0	38.1	

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#76

Chrysene-d12

Concen: 20.000 ng

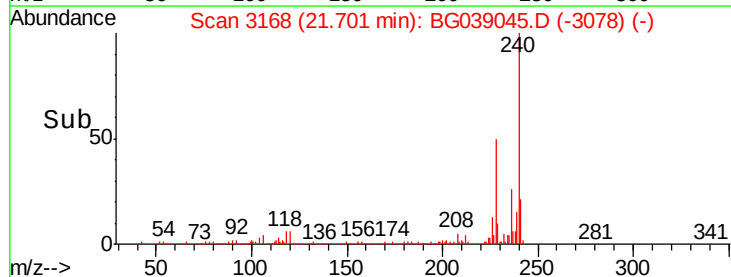
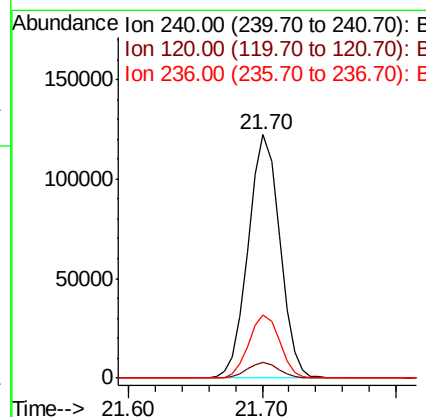
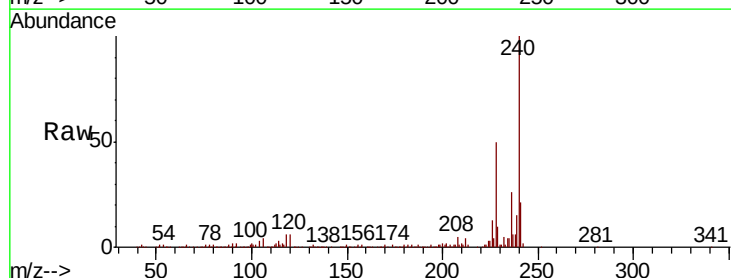
RT: 21.70 min Scan# 3168

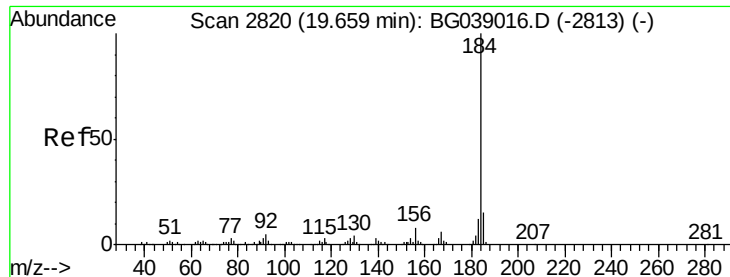
Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	199987		
120	6.4	4.3	6.5	
236	25.7	20.1	30.1	





#77

Benzidine

Concen: 15.469 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

Tot Ion:184 Resp: 94620

Ion Ratio Lower Upper

184 100

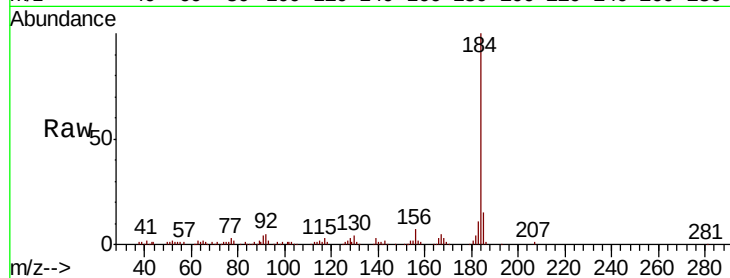
185 14.5 12.1 18.1

183 10.8 9.5 14.3

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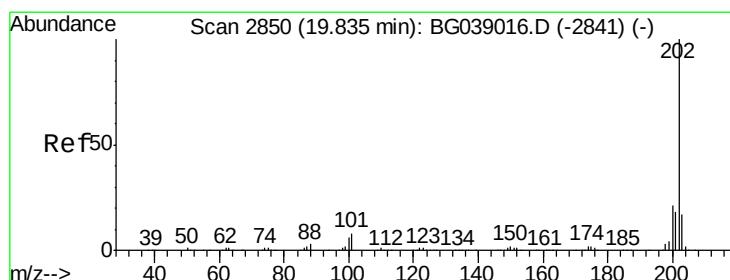
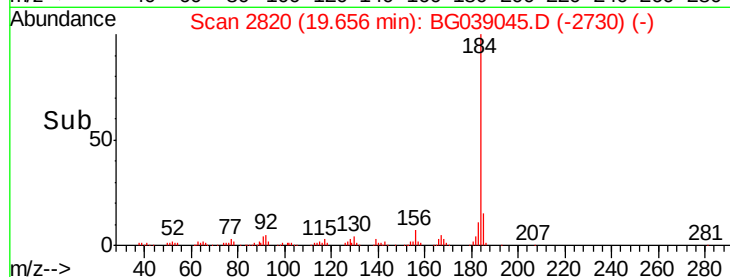
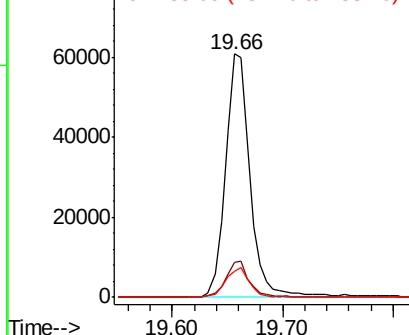


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.208 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

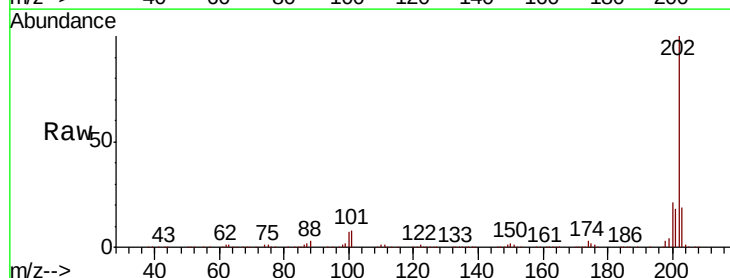
Tgt Ion:202 Resp: 665392

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 18.8 14.0 21.0

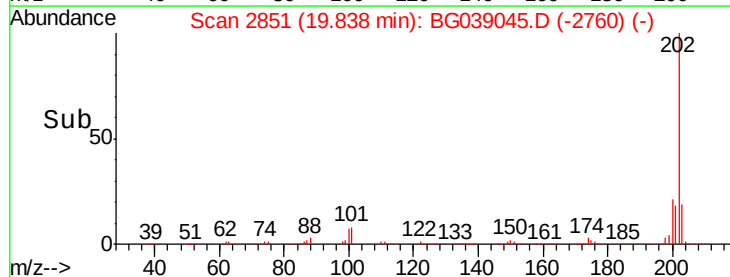
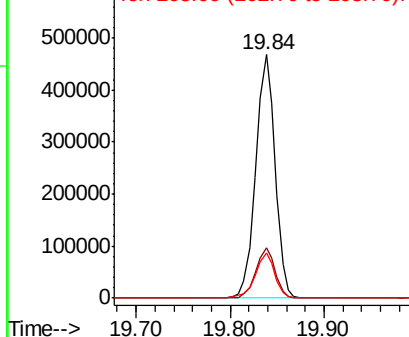


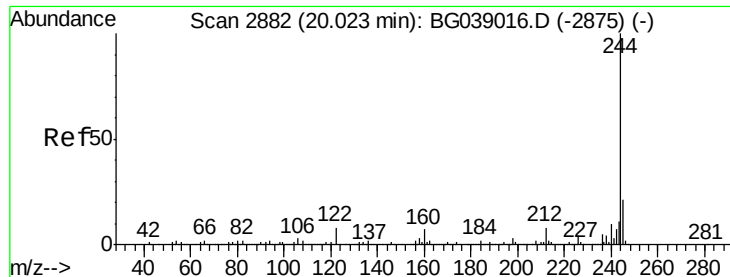
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.698 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-AMSD

Tot Ion:244 Resp: 1012945

Ion Ratio Lower Upper

244 100

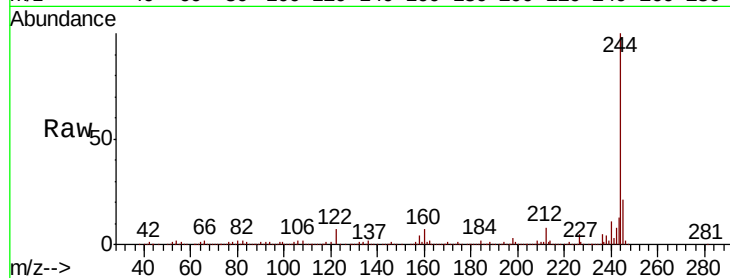
212 8.0 6.1 9.1

122 6.8 6.1 9.1

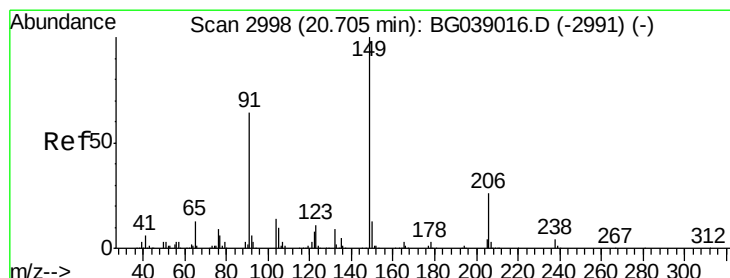
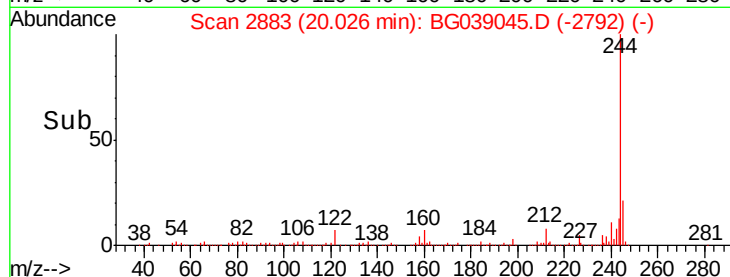
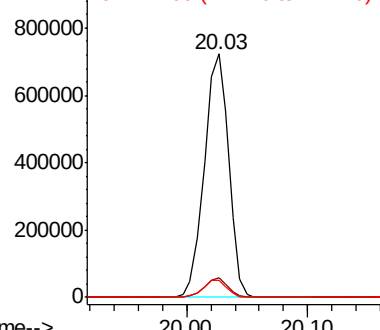
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.000 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

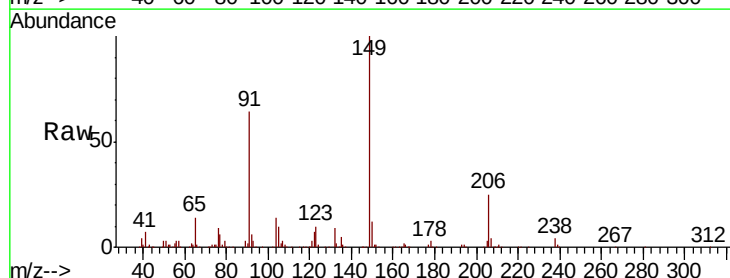
Tgt Ion:149 Resp: 218133

Ion Ratio Lower Upper

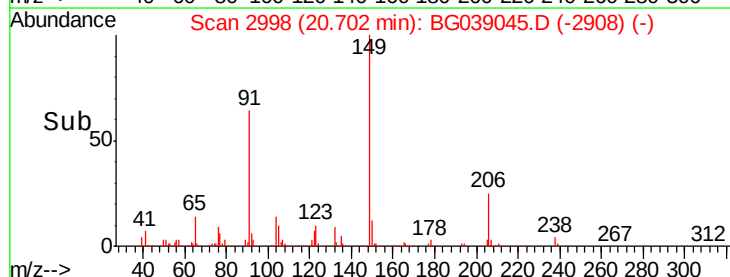
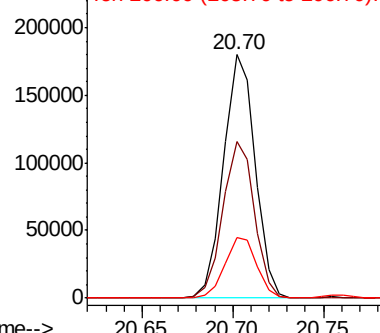
149 100

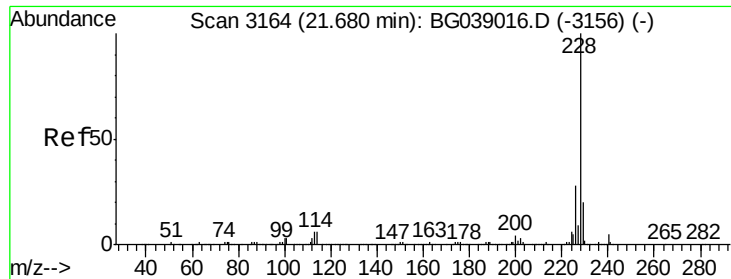
91 64.1 51.4 77.0

206 24.9 20.4 30.6



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





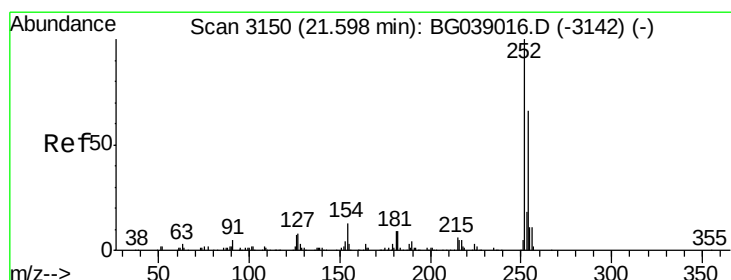
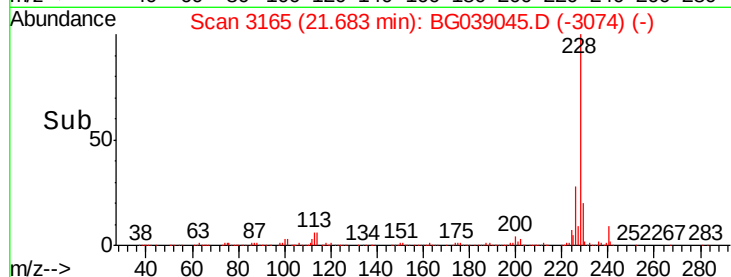
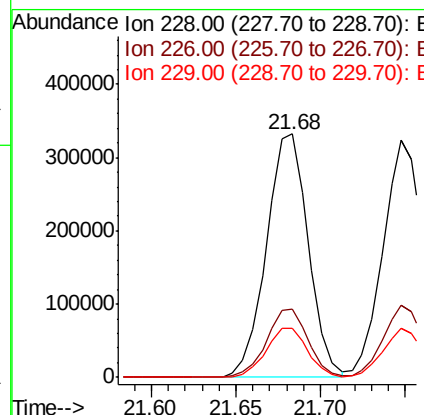
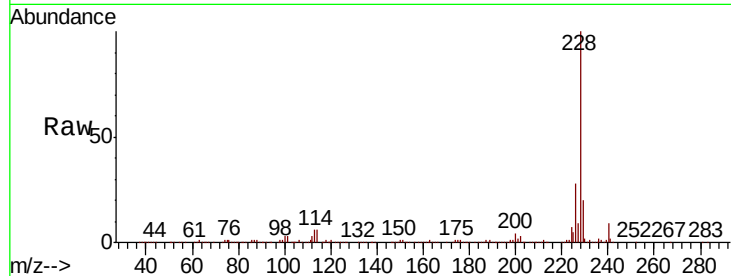
#81
Benzo(a)anthracene
Concen: 46.884 ng
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
228	228	100		
226	226	28.1	22.4	33.6
229	229	20.0	16.2	24.2

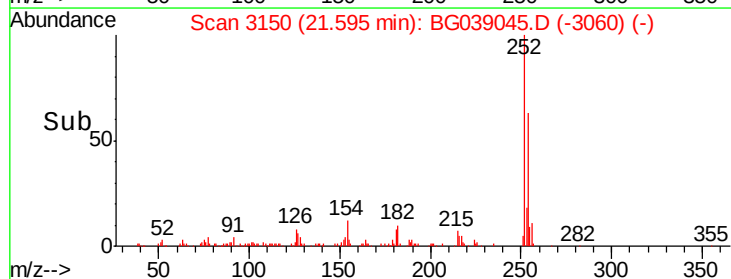
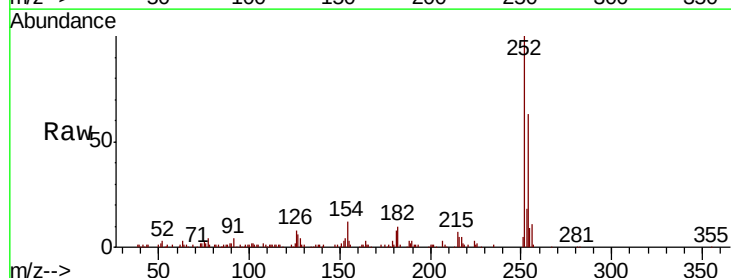
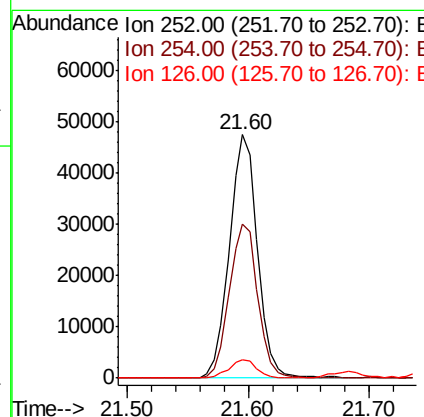
Manual Integrations
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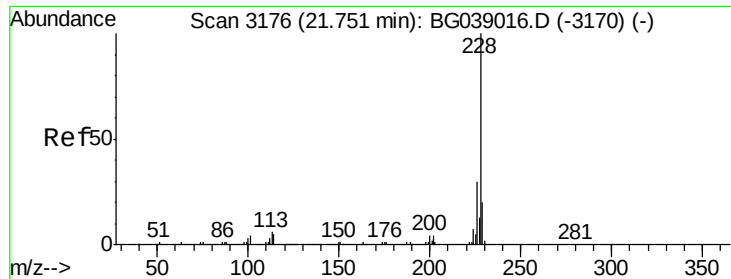
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#82
3,3'-Dichlorobenzidine
Concen: 15.448 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ion	Ratio	Lower	Upper
252	252	100		
254	254	63.2	53.0	79.6
126	126	7.5	6.0	9.0





#83

Chrysene

Concen: 46.141 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

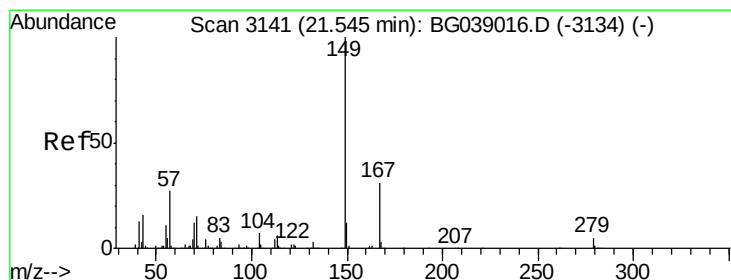
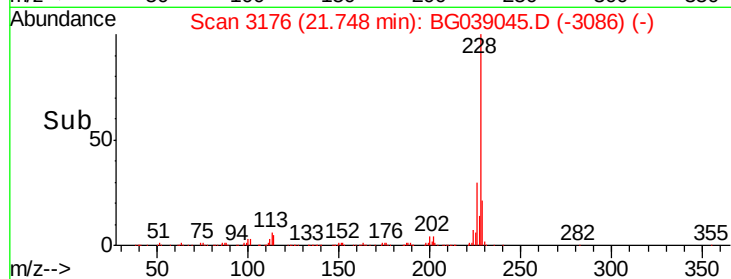
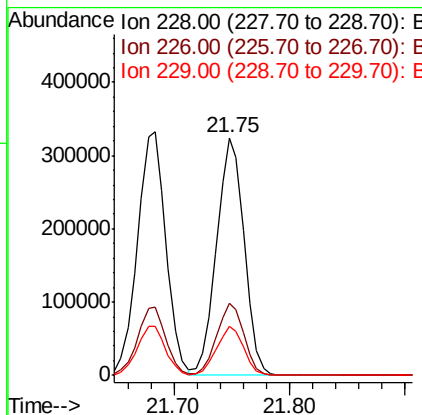
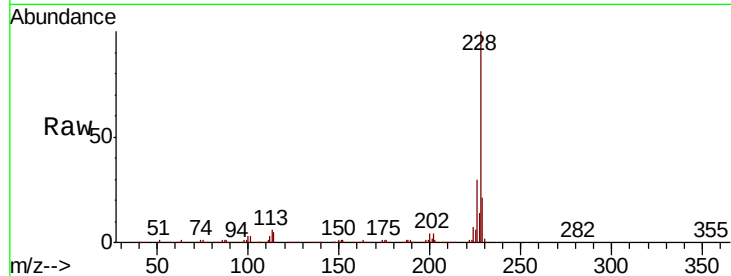
ClientSampleId :

JC-03-010819-AMSD

Tot Ion:	228	Resp:	534256
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	20.7	16.0	24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.866 ng

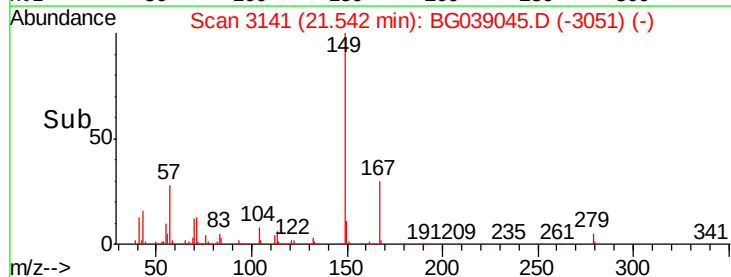
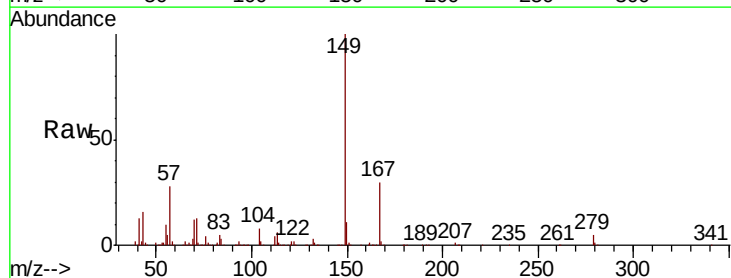
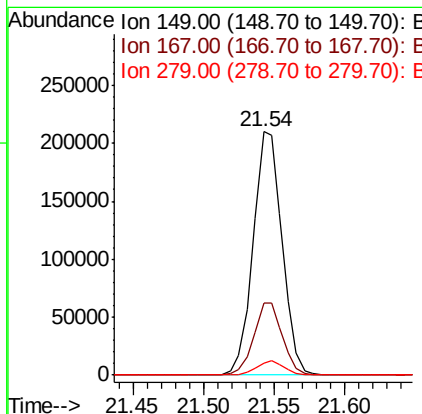
RT: 21.54 min Scan# 3141

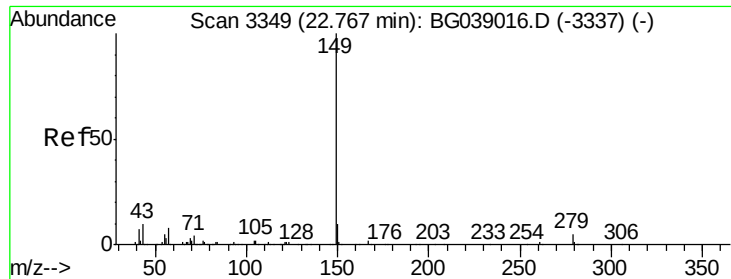
Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:	149	Resp:	301978
Ion	Ratio	Lower	Upper
149	100		
167	29.8	25.0	37.4
279	5.1	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 46.111 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

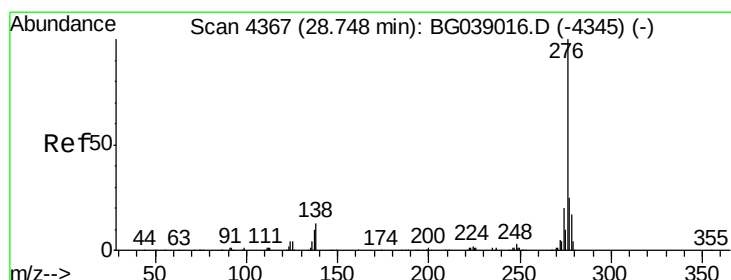
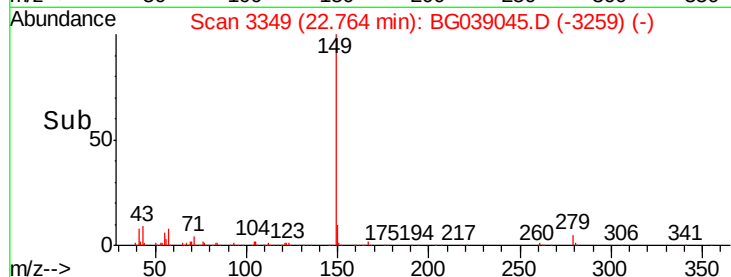
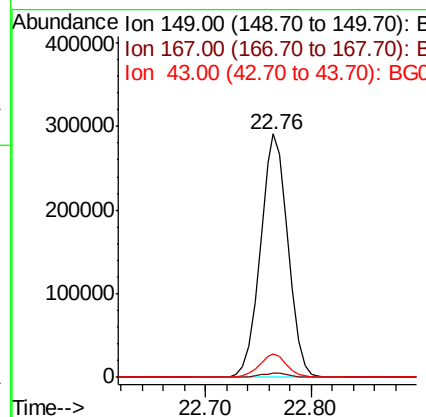
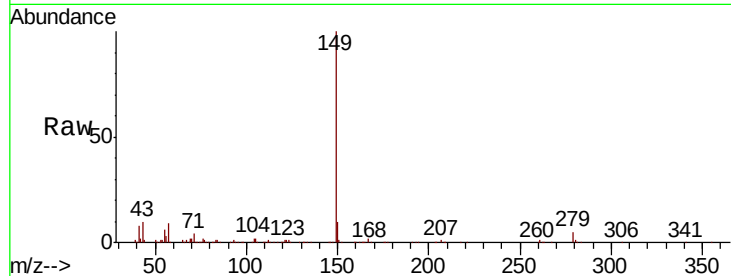
ClientSampleId :

JC-03-010819-AMSD

Tot Ion:	149	Resp:	524790
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.5	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.935 ng

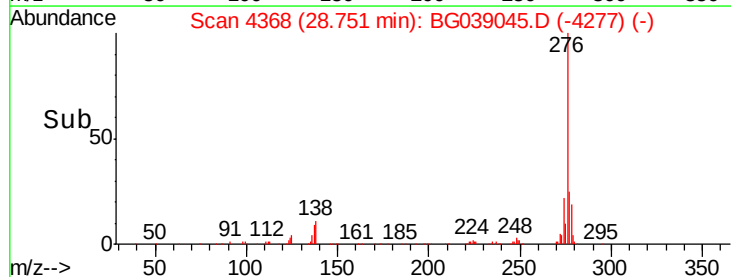
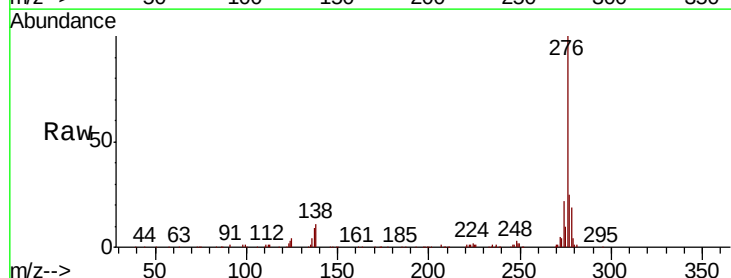
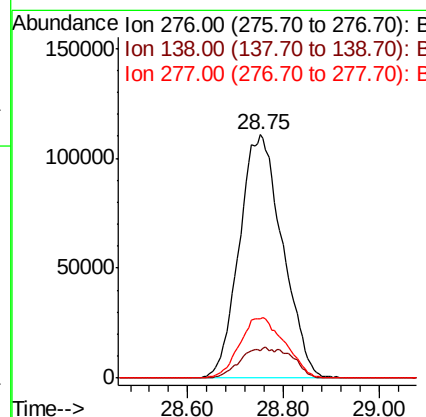
RT: 28.75 min Scan# 4368

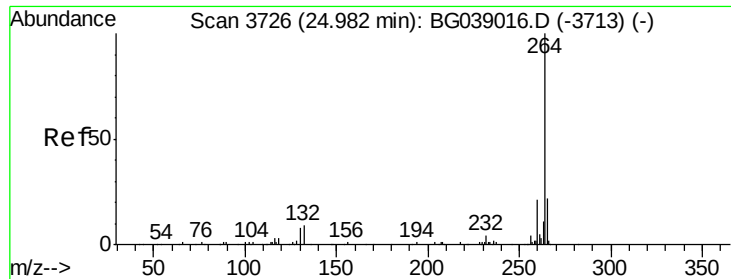
Delta R.T. 0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:	276	Resp:	690877
Ion Ratio	Lower	Upper	
276	100		
138	9.6	8.0	12.0
277	26.0	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Instrument :

BNA_G

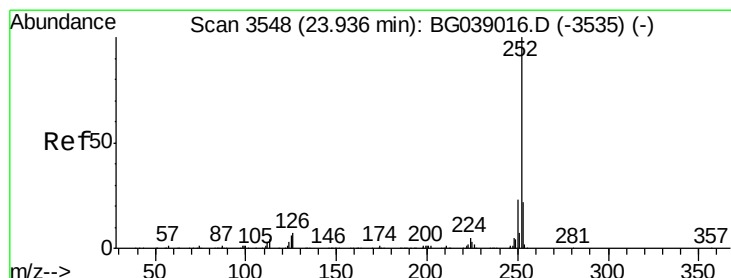
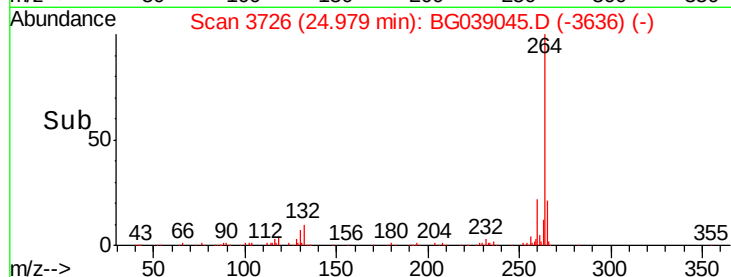
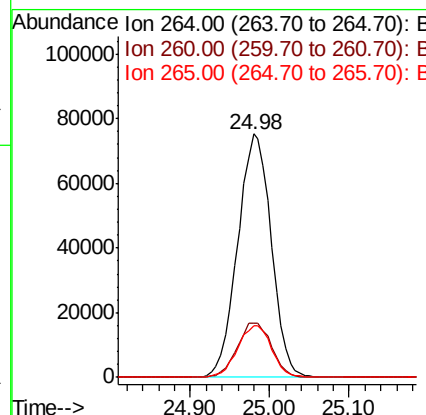
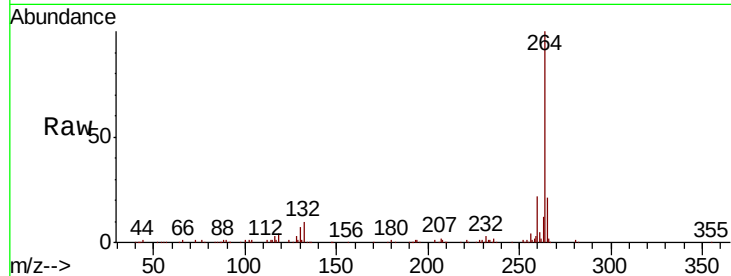
ClientSampleId :

JC-03-010819-AMSD

Tot Ion:	264	Resp:	220327
Ion Ratio		Lower	Upper
264	100		
260	22.1	17.0	25.6
265	21.2	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 49.128 ng

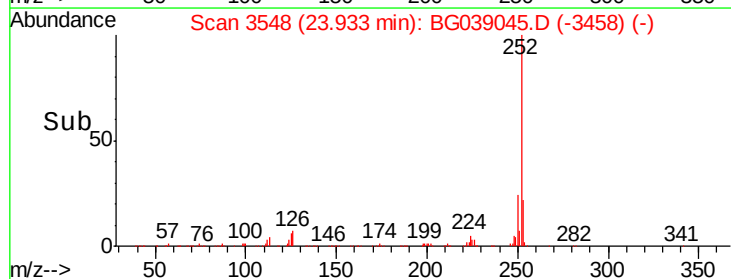
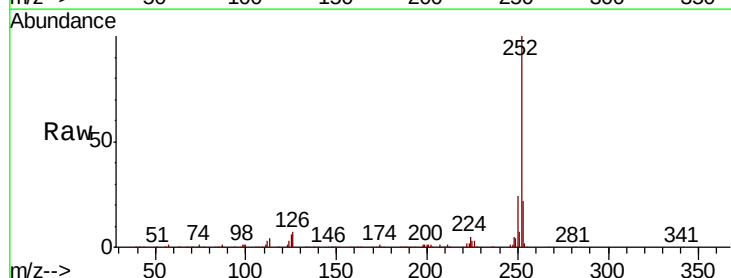
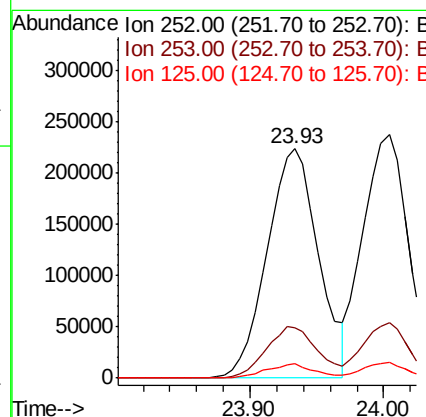
RT: 23.93 min Scan# 3548

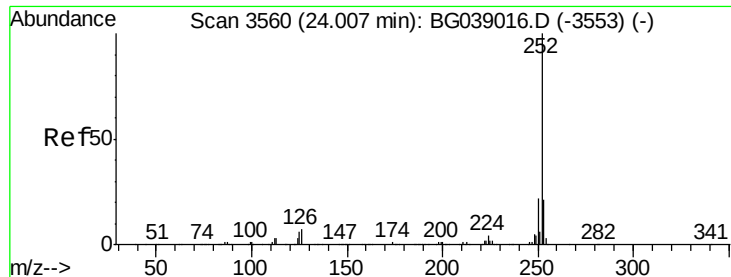
Delta R.T. -0.00 min

Lab File: BG039045.D

Acq: 10 Jan 2019 8:14

Tgt Ion:	252	Resp:	596845
Ion Ratio		Lower	Upper
252	100		
253	21.7	17.8	26.6
125	6.2	4.9	7.3





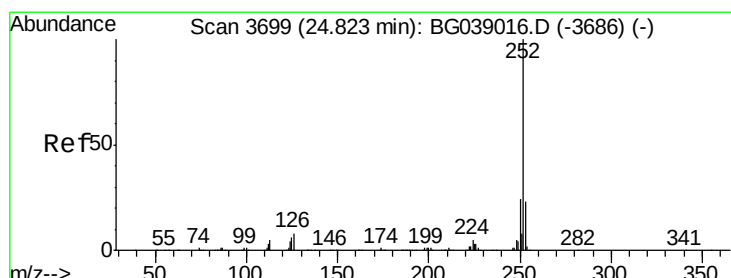
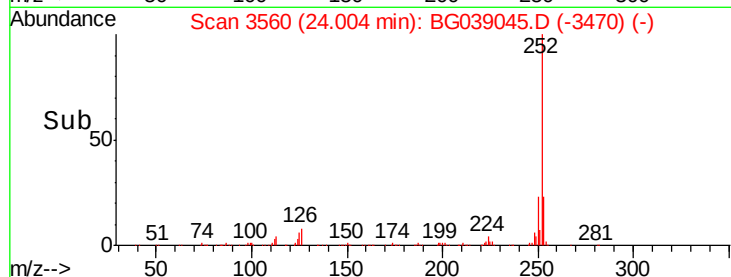
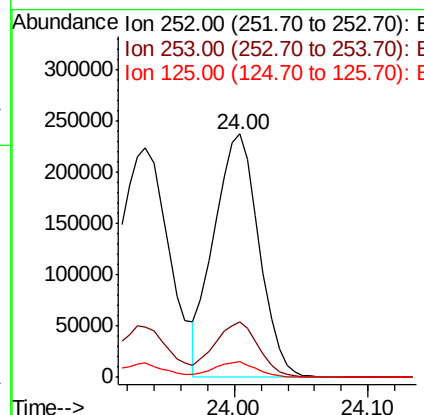
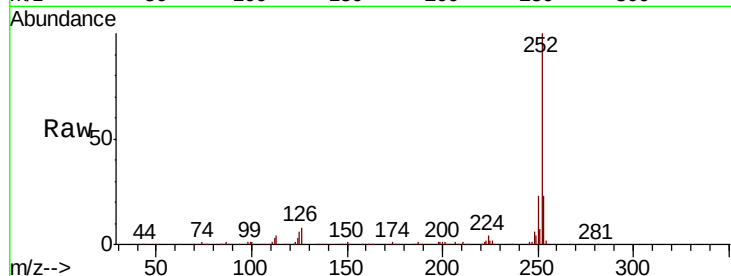
#89
Benzo(k)fluoranthene
Concen: 46.336 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	6.2	4.6	7.0

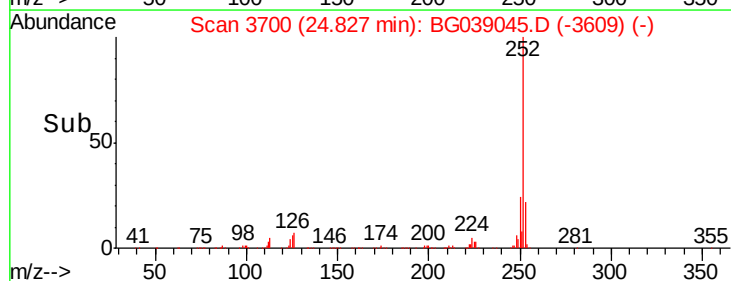
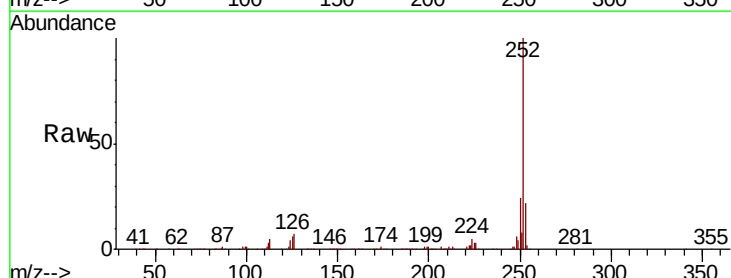
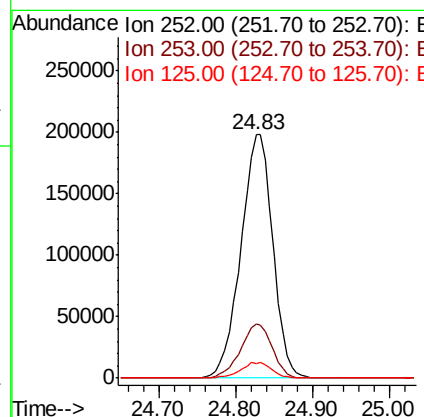
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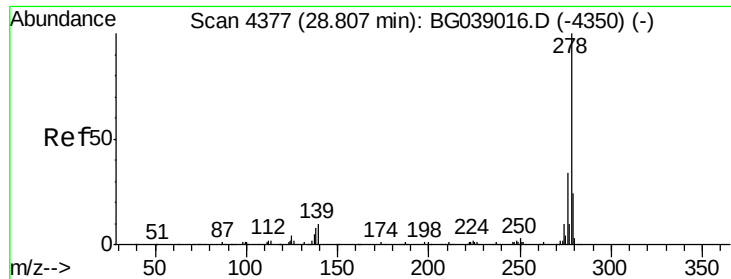
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#90
Benzo(a)pyrene
Concen: 48.867 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	6.0	4.9	7.3





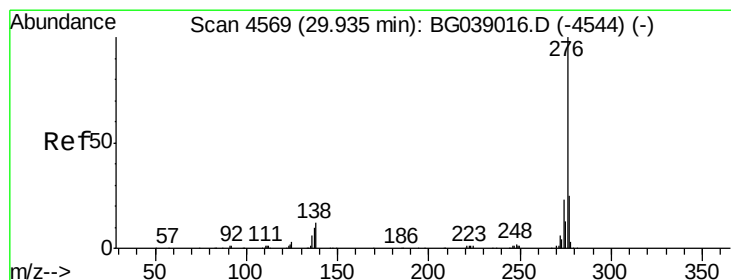
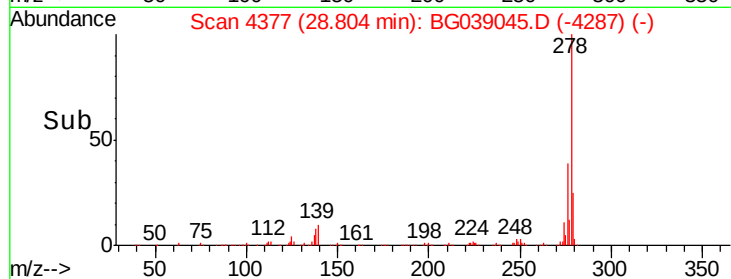
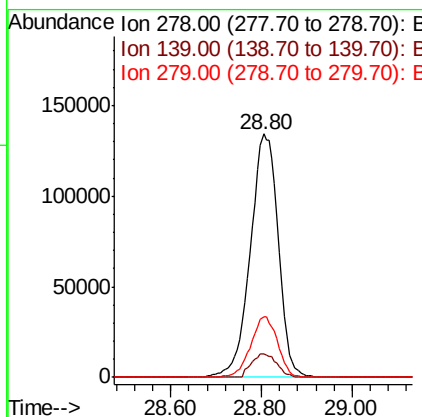
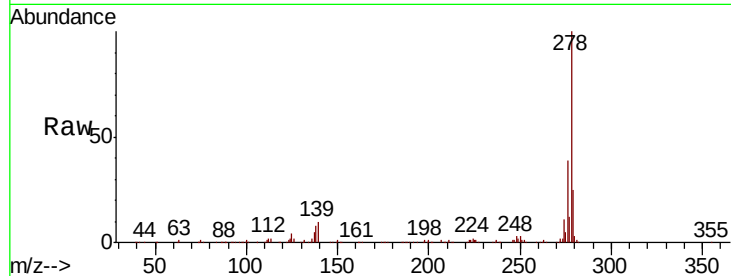
#91
Dibenzo(a,h)anthracene
Concen: 49.019 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.9	11.9
279	24.7	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/10/2019 3:15:29 PM



#92
Benzo(g,h,i)perylene
Concen: 49.286 ng
RT: 29.95 min Scan# 4572
Delta R.T. 0.01 min
Lab File: BG039045.D
Acq: 10 Jan 2019 8:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.3	30.5
138	12.4	9.4	14.2

