

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039179.D
 Acq On : 17 Jan 2019 5:29
 Operator : JU/SJ
 Sample : K1010-04MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Manual Integrations
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 1/17/2019 2:09:23 PM

Quant Time: Jan 17 08:15:13 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	8.01	152	22008	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	98448	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	72824	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	206184	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	192795	20.00	ng	-0.02
87) Perylene-d12	24.95	264	252415	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	162406	139.99	ng	-0.01
7) Phenol-d6	7.18	99	225515	135.07	ng	-0.01
23) Nitrobenzene-d5	9.20	82	162362	90.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	204418	167.46	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	463488	87.10	ng	-0.01
79) Terphenyl-d14	20.01	244	886347	85.05	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	14705	32.367	ng	# 1
3) Pyridine	3.87	79	40673	32.947	ng	94
4) n-Nitrosodimethylamine	3.78	42	25793	46.431	ng	# 92
6) Aniline	7.35	93	25137	12.536	ng	98
8) 2-Chlorophenol	7.58	128	70539	51.579	ng	99
9) Benzaldehyde	7.16	77	20238	21.019	ng	92
10) Phenol	7.21	94	76817	45.890	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	57739	45.131	ng	98
12) 1,3-Dichlorobenzene	7.90	146	67746	41.345	ng	99
13) 1,4-Dichlorobenzene	8.05	146	68435	41.239	ng	98
14) 1,2-Dichlorobenzene	8.37	146	68180	43.091	ng	97
15) Benzyl Alcohol	8.26	79	65098	51.774	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	112873	46.010	ng	98
17) 2-Methylphenol	8.46	107	60626	52.159	ng	97
18) Hexachloroethane	9.09	117	24202	42.929	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	51901	47.338	ng	94
20) 3+4-Methylphenols	8.80	107	81727	49.317	ng	96
22) Acetophenone	8.85	105	105293	40.954	ng	# 98
24) Nitrobenzene	9.24	77	80684	44.368	ng	99
25) Isophorone	9.75	82	211235	68.160	ng	97
26) 2-Nitrophenol	9.95	139	46182	46.951	ng	93
27) 2,4-Dimethylphenol	10.00	122	78120	56.452	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	87273	46.856	ng	99
29) 2,4-Dichlorophenol	10.48	162	88583	51.526	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	86626	41.936	ng	93
31) Naphthalene	10.88	128	234985	47.591	ng	98
32) Benzoic acid	10.16	122	24717	32.773	ng	90
33) 4-Chloroaniline	11.02	127	4940	2.236	ng	95
34) Hexachlorobutadiene	11.14	225	57538	40.482	ng	98
35) Caprolactam	11.79	113	21001m	30.463	ng	
36) 4-Chloro-3-methylphenol	12.12	107	102225	55.594	ng	91
37) 2-Methylnaphthalene	12.49	142	186236	50.308	ng	99
38) 1-Methylnaphthalene	12.70	142	173192	48.742	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	117282	42.882	ng	100

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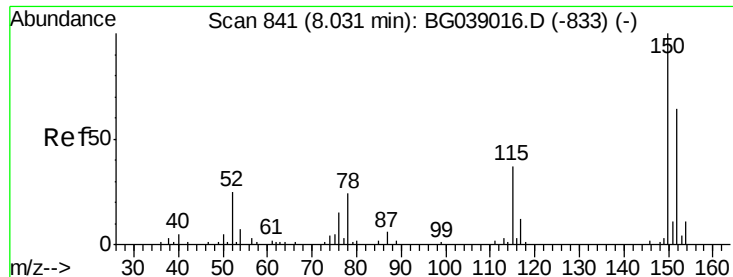
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	114353	74.652	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	81896	47.577	nq	95
44) 2,4,5-Trichlorophenol	13.17	196	89493	49.191	nq	98
46) 1,1'-Biphenyl	13.49	154	252243	43.713	nq	100
47) 2-Chloronaphthalene	13.54	162	202601	43.387	nq	97
48) 2-Nitroaniline	13.75	65	60661	46.370	nq	92
49) Acenaphthylene	14.38	152	333579	47.527	nq	100
50) Dimethylphthalate	14.11	163	281622	45.763	nq	100
51) 2,6-Dinitrotoluene	14.25	165	62128	45.156	nq	99
52) Acenaphthene	14.72	154	191618	45.440	nq	95
53) 3-Nitroaniline	14.58	138	6648	4.763	nq	95
54) 2,4-Dinitrophenol	14.79	184	36949	47.280	nq	98
55) Dibenzofuran	15.06	168	378960	50.883	nq	98
56) 4-Nitrophenol	14.89	139	78009	77.678	nq	97
57) 2,4-Dinitrotoluene	15.04	165	110275	55.866	nq	97
58) Fluorene	15.71	166	278439	49.668	nq	93
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91770	53.437	nq	99
60) Diethylphthalate	15.46	149	313586	49.458	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	159971	45.294	nq	98
62) 4-Nitroaniline	15.75	138	60197	41.401	nq	97
63) Azobenzene	15.99	77	222959	44.966	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	45366	29.699	nq	93
66) n-Nitrosodiphenylamine	15.91	169	252226	41.265	nq	97
67) 4-Bromophenyl-phenylether	16.59	248	119048	44.917	nq	98
68) Hexachlorobenzene	16.70	284	126307	43.673	nq	98
69) Atrazine	16.86	200	115502	44.482	nq	97
70) Pentachlorophenol	17.06	266	120783	68.494	nq	95
71) Phenanthrene	17.45	178	520615	47.771	nq	99
72) Anthracene	17.54	178	516356	47.920	nq	99
73) Carbazole	17.82	167	441458	41.501	nq	99
74) Di-n-butylphthalate	18.35	149	487306	41.180	nq	99
75) Fluoranthene	19.46	202	641367	47.472	nq	100
77) Benzidine	19.65	184	55790	9.461	nq	99
78) Pyrene	19.82	202	570504	46.433	nq	99
80) Butylbenzylphthalate	20.69	149	215884	46.198	nq	98
81) Benzo(a)anthracene	21.66	228	572412	48.773	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	56565	11.829	nq	96
83) Chrysene	21.73	228	527685	47.274	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	295768	45.583	nq	97
85) Di-n-octyl phthalate	22.74	149	503700	45.909	nq	99
86) Indeno(1,2,3-cd)pyrene	28.70	276	674365	50.560	nq	# 98
88) Benzo(b)fluoranthene	23.91	252	584980	42.030	nq	99
89) Benzo(k)fluoranthene	23.97	252	566870	41.193	nq	97
90) Benzo(a)pyrene	24.79	252	681984	50.694	nq	# 98
91) Dibenzo(a,h)anthracene	28.75	278	557459	41.660	nq	99
92) Benzo(g,h,i)perylene	29.89	276	547025	41.293	nq	98

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



#1

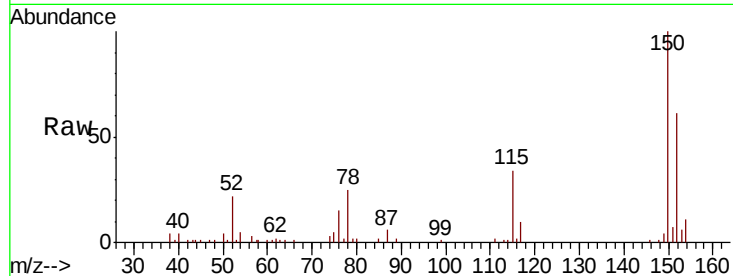
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

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Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.7	187.1
115	54.8	46.5	69.7

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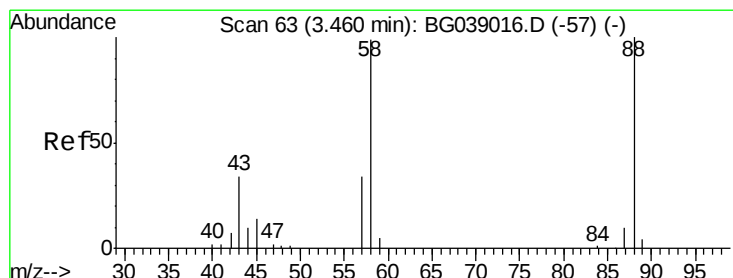
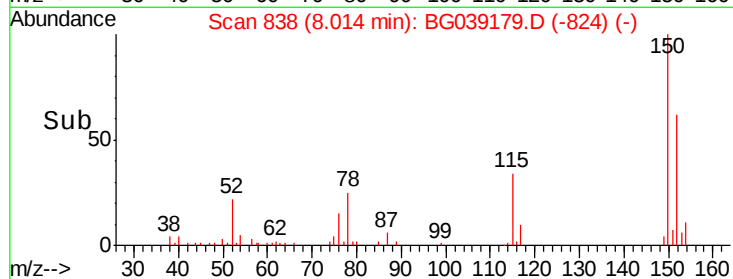
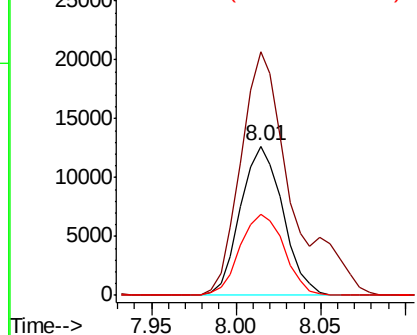


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

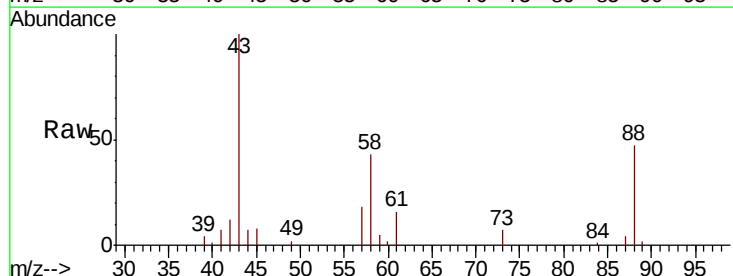
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.367 ng
RT: 3.46 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.8	72.4	108.6
43	275.1	27.6	41.4#

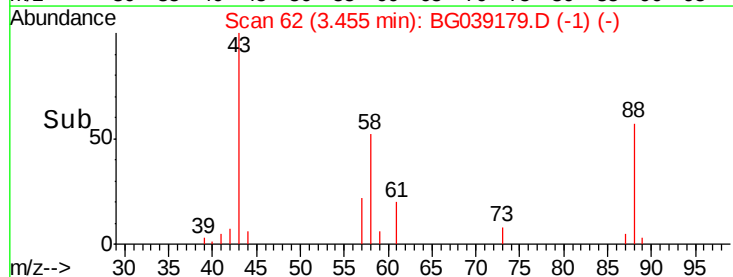
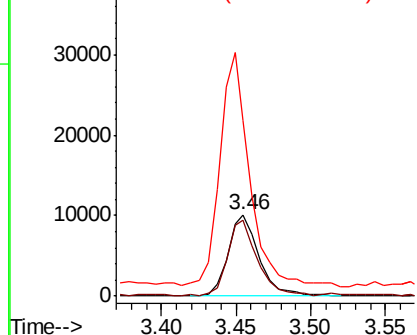


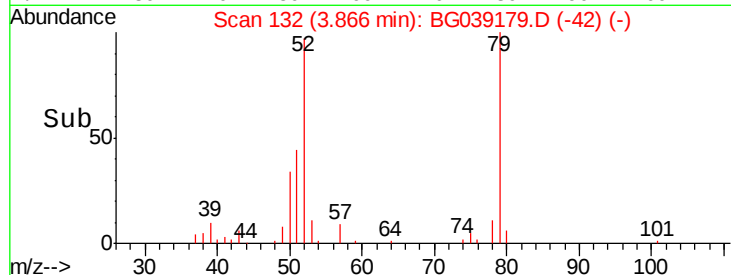
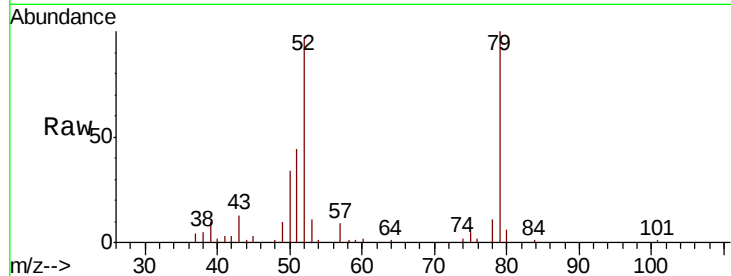
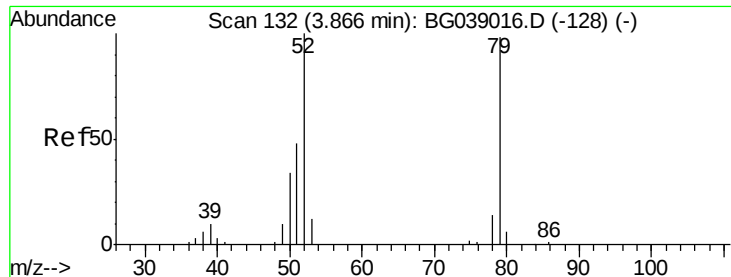
Abundance

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: 32.947 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tot Ion:	79	Resp:	40673
Ion	Ratio	Lower	Upper
79	100		
52	97.4	81.5	122.3
51	44.0	39.8	59.6

Instrument :

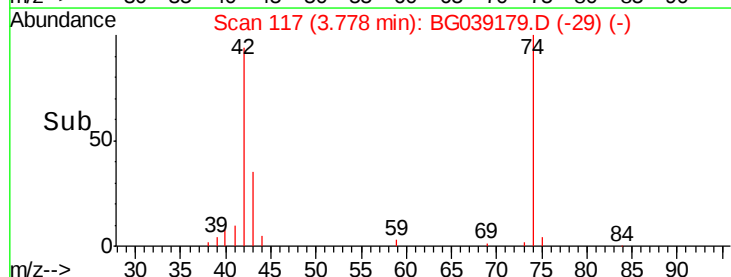
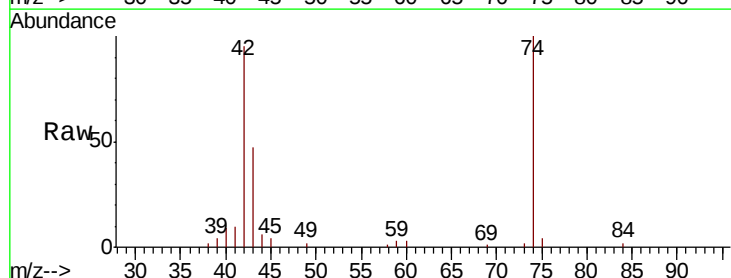
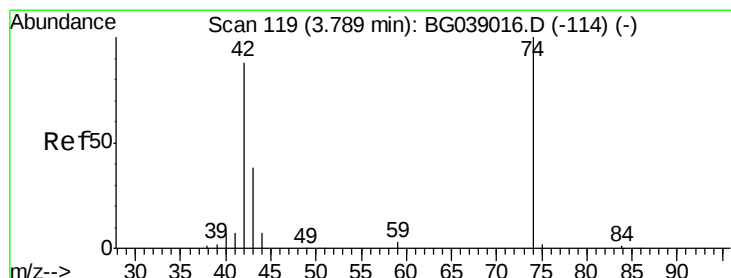
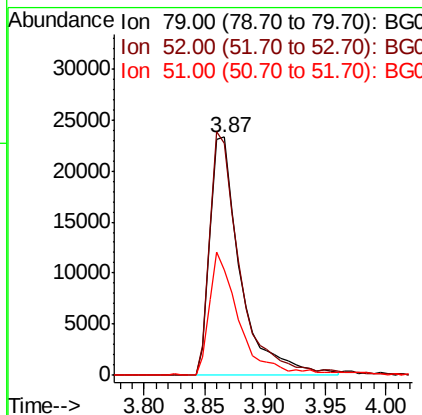
BNA_G

ClientSampleId :

OK-01-011519-AMSD

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#4

n-Nitrosodimethylamine

Concen: 46.431 ng

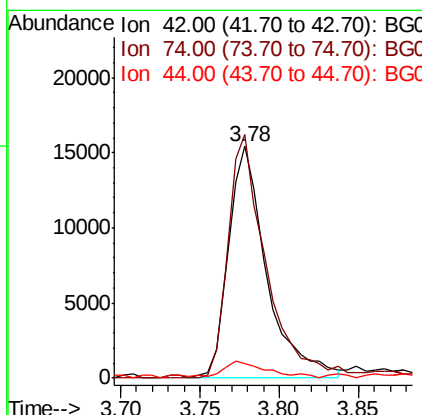
RT: 3.78 min Scan# 117

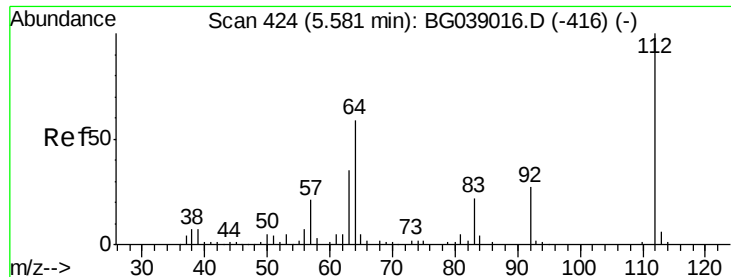
Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	42	Resp:	25793
Ion	Ratio	Lower	Upper
42	100		
74	105.1	90.7	136.1
44	6.4	6.5	9.7#





#5

2-Fluorophenol

Concen: 139.986 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

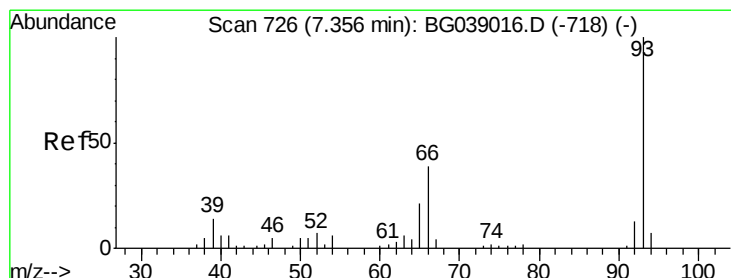
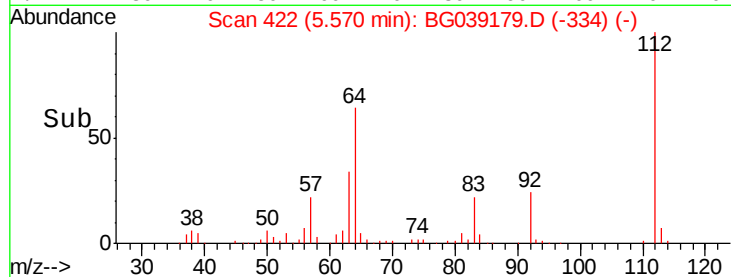
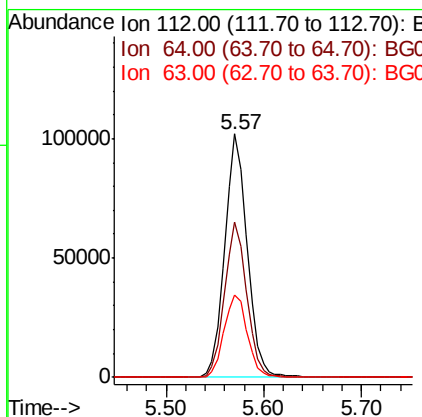
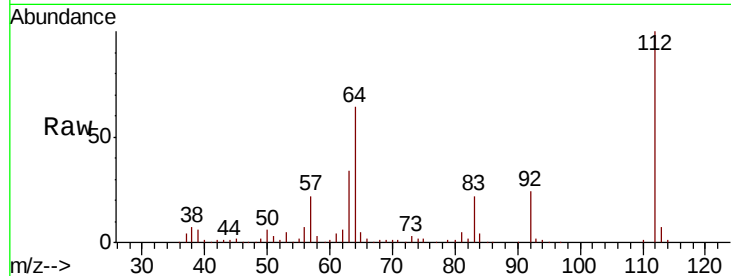
ClientSampleId :

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Tot Ion:	112	Resp:	162406
Ion Ratio	Lower	Upper	
112	100		
64	63.8	47.0	70.6
63	33.9	28.0	42.0

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#6

Aniline

Concen: 12.536 ng

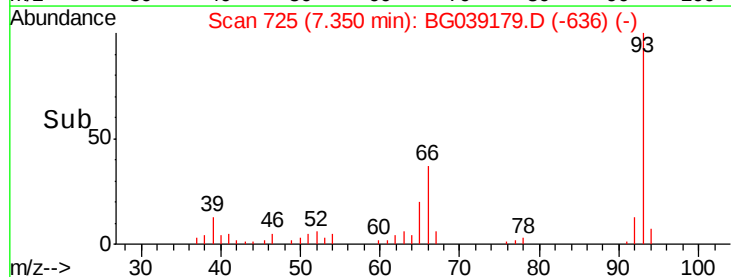
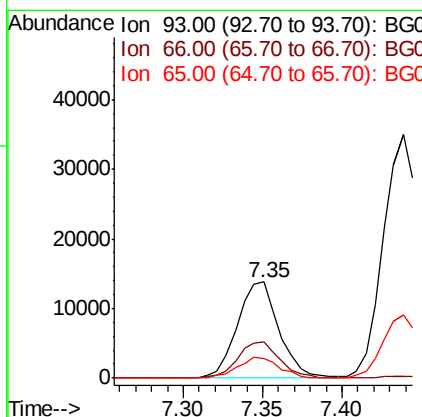
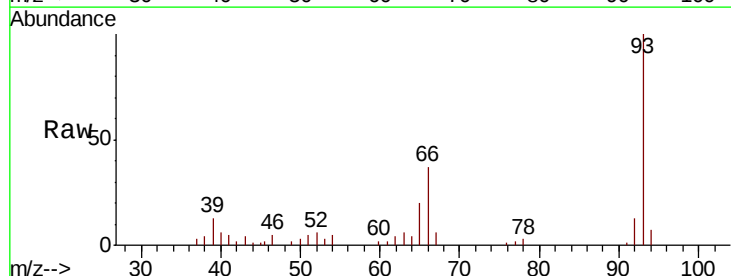
RT: 7.35 min Scan# 725

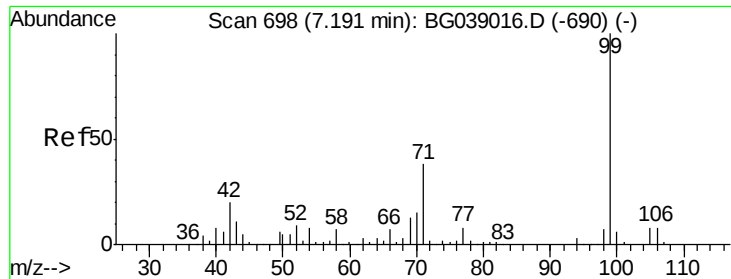
Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	93	Resp:	25137
Ion Ratio	Lower	Upper	
93	100		
66	37.3	30.9	46.3
65	20.3	17.0	25.4





#7

Phenol-d6

Concen: 135.070 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

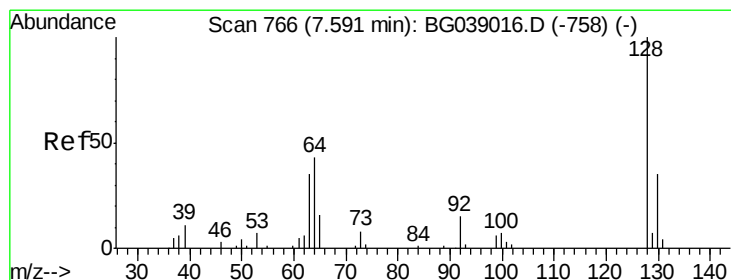
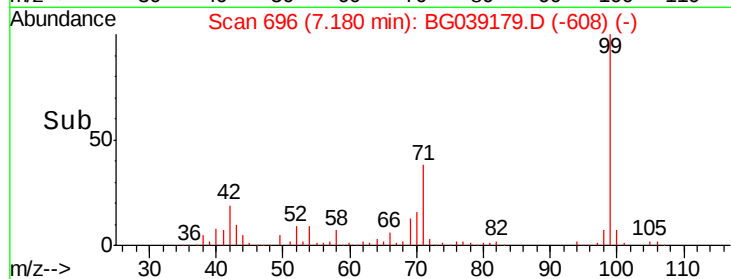
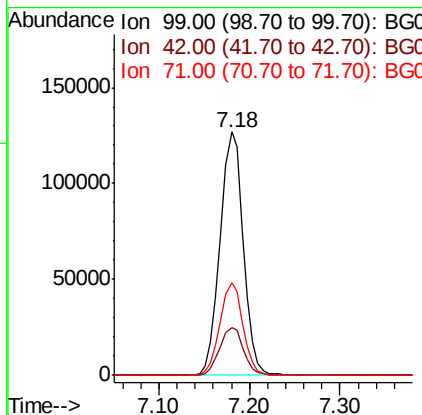
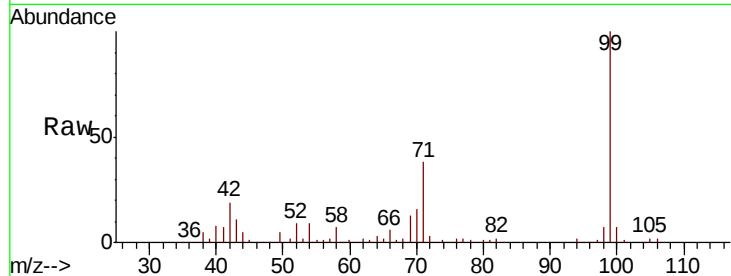
ClientSampleId :

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Tot Ion:	99	Resp:	225515
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.8	23.6
71	38.1	30.2	45.4

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#8

2-Chlorophenol

Concen: 51.579 ng

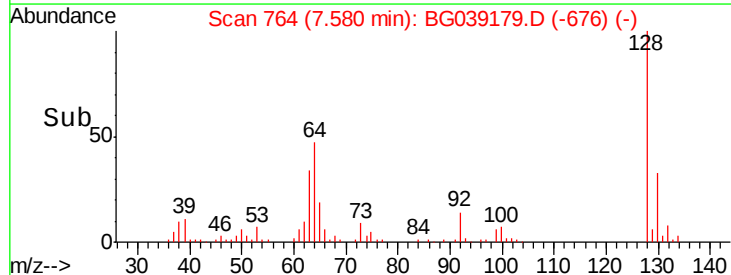
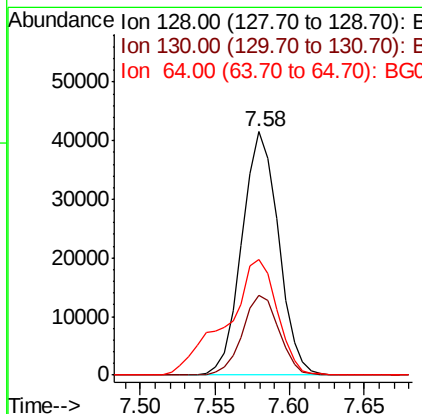
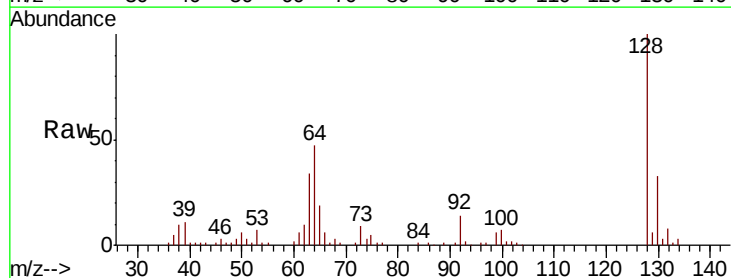
RT: 7.58 min Scan# 764

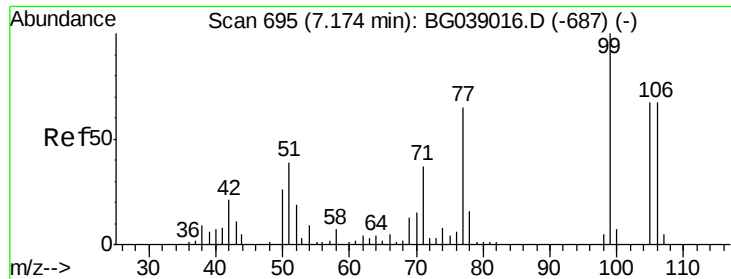
Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	128	Resp:	70539
Ion Ratio	Lower	Upper	
128	100		
130	33.0	14.5	54.5
64	47.3	27.3	67.3





#9

Benzaldehyde

Concen: 21.019 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

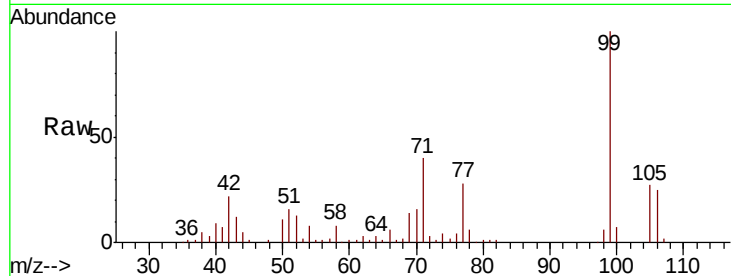
ClientSampleId :

OK-01-011519-AMSD

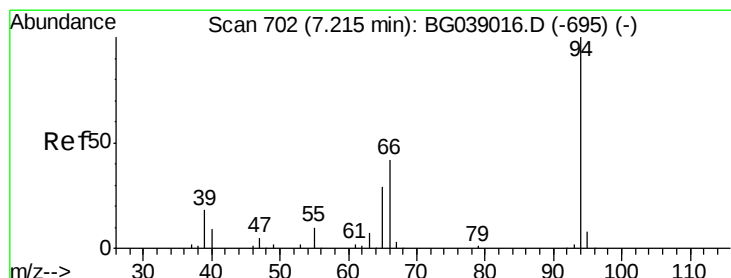
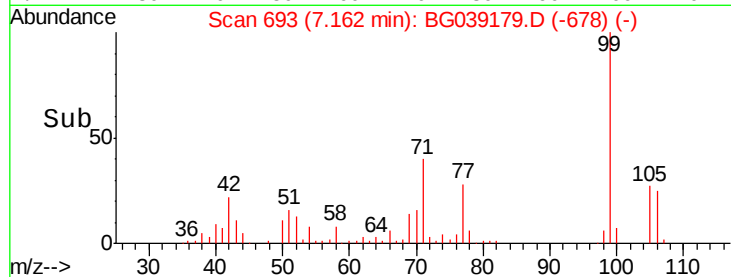
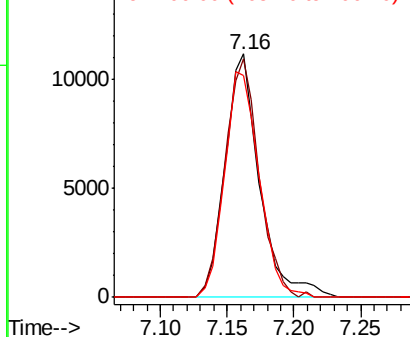
Tot Ion:	77	Resp:	20238
Ion	Ratio	Lower	Upper
77	100		
105	97.7	82.4	122.4
106	91.3	82.8	122.8

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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: 45.890 ng

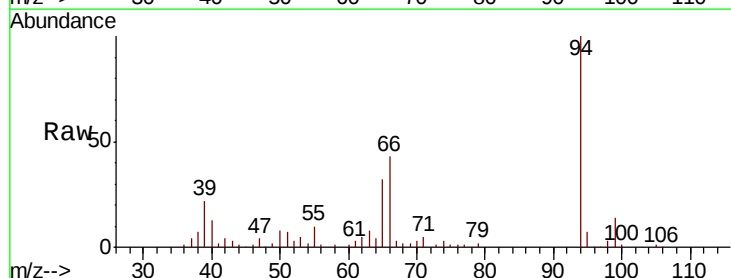
RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

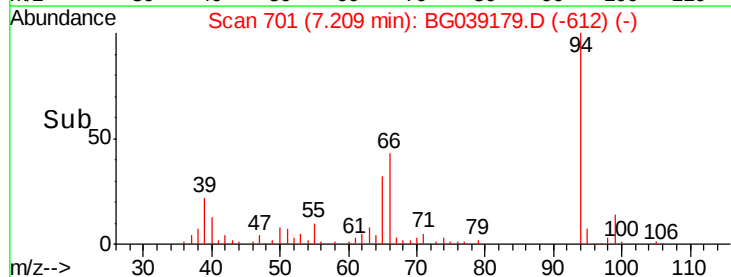
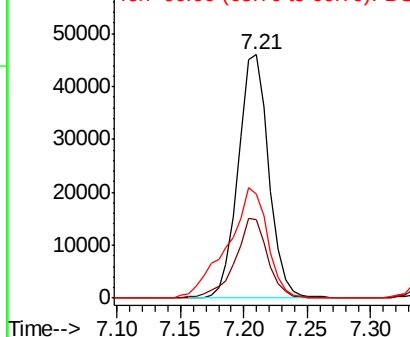
Lab File: BG039179.D

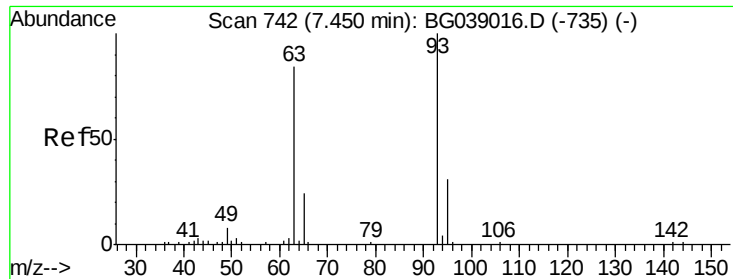
Acq: 17 Jan 2019 5:29

Tgt Ion:	94	Resp:	76817
Ion	Ratio	Lower	Upper
94	100		
65	32.1	10.3	50.3
66	43.0	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: 45.131 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

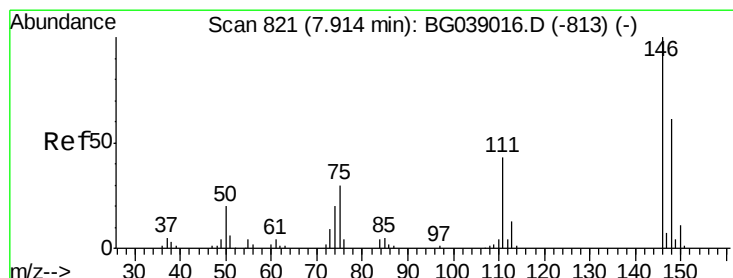
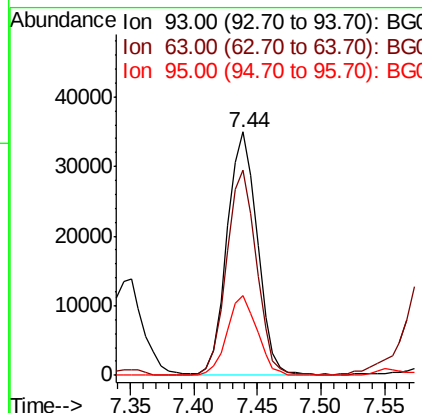
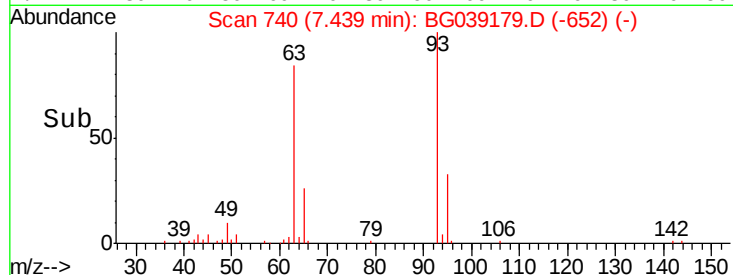
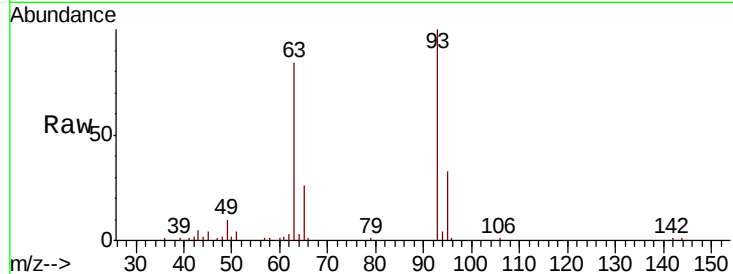
ClientSampleId :

OK-01-011519-AMSD

Tot Ion:	93	Resp:	57739
Ion	Ratio	Lower	Upper
93	100		
63	84.1	63.2	103.2
95	32.8	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 41.345 ng

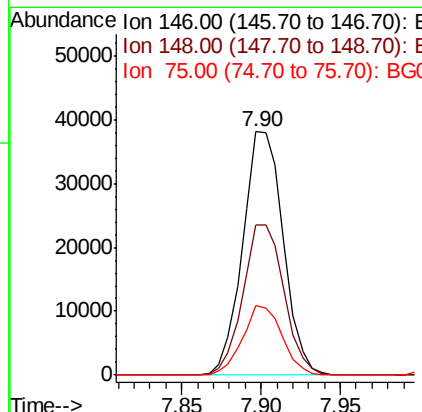
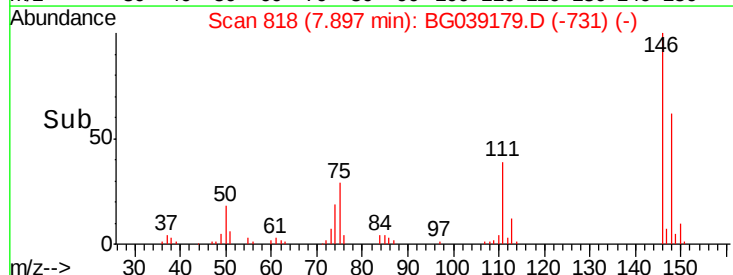
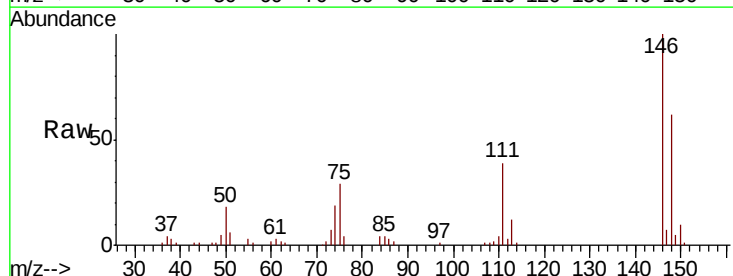
RT: 7.90 min Scan# 818

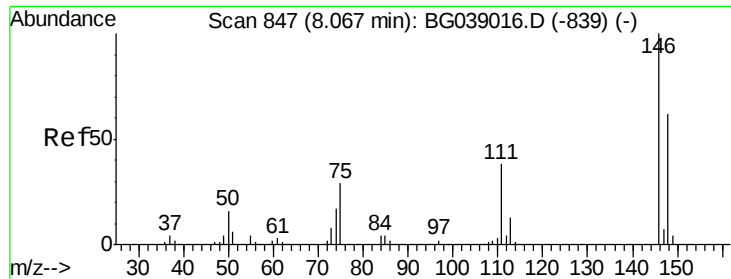
Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	146	Resp:	67746
Ion	Ratio	Lower	Upper
146	100		
148	61.7	49.1	73.7
75	28.7	23.9	35.9





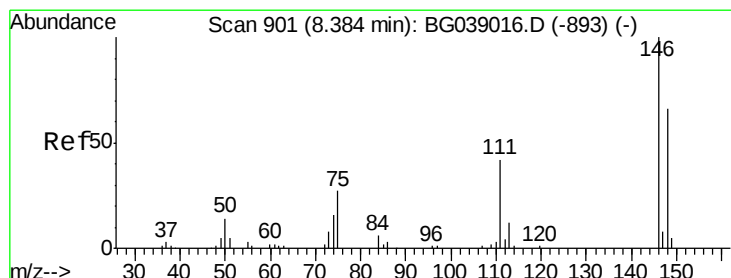
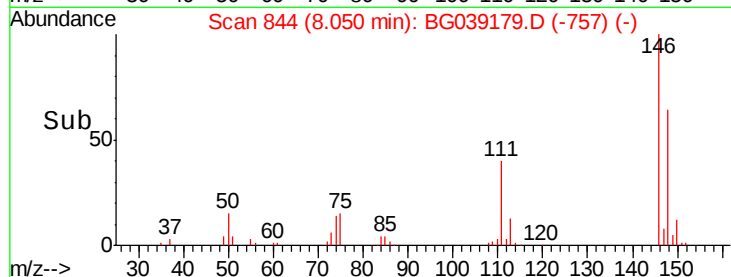
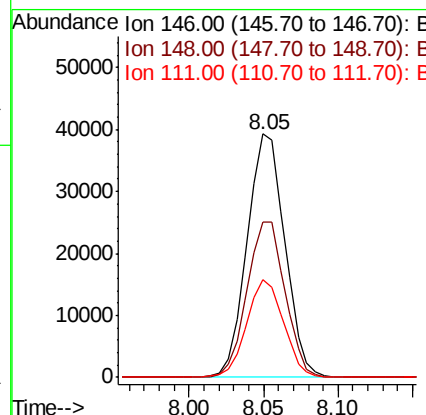
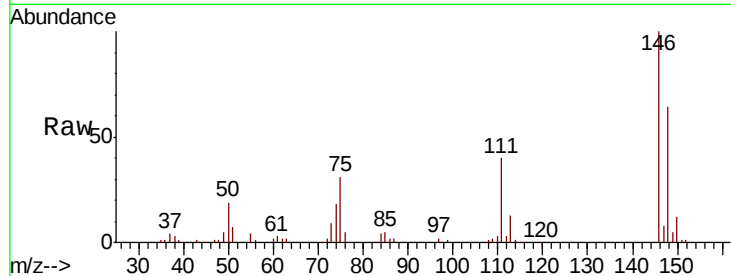
#13
 1,4-Dichlorobenzene
 Concen: 41.239 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.8	74.6
111	40.0	30.6	45.8

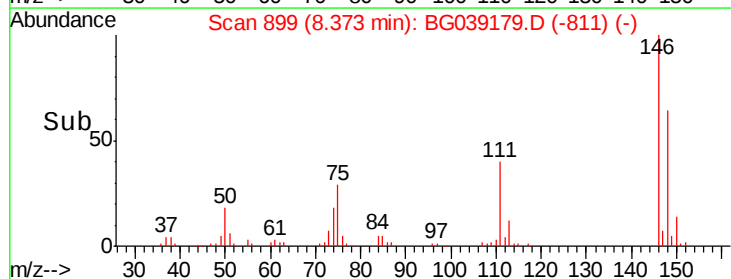
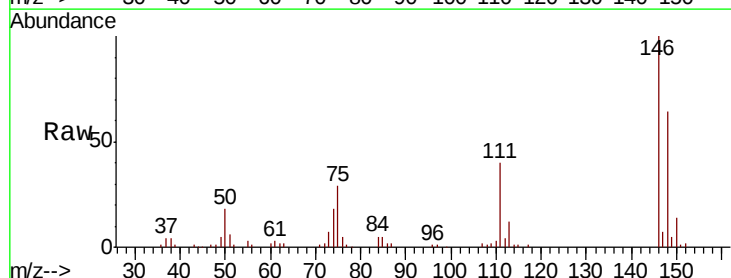
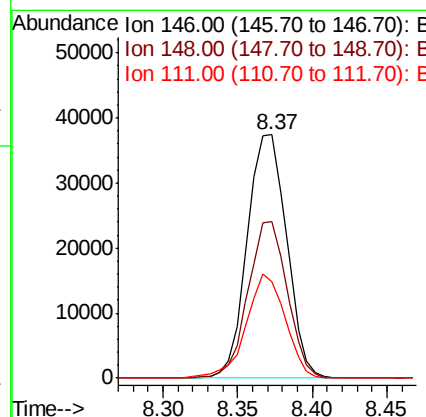
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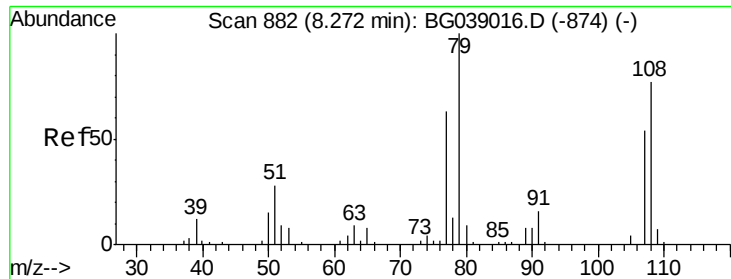
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#14
 1,2-Dichlorobenzene
 Concen: 43.091 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	79.0
111	39.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 51.774 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

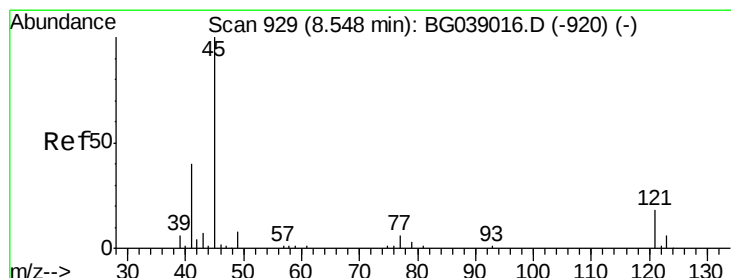
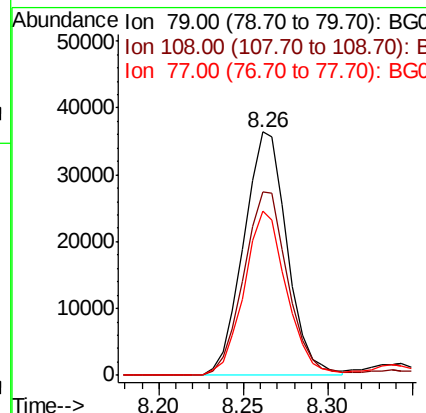
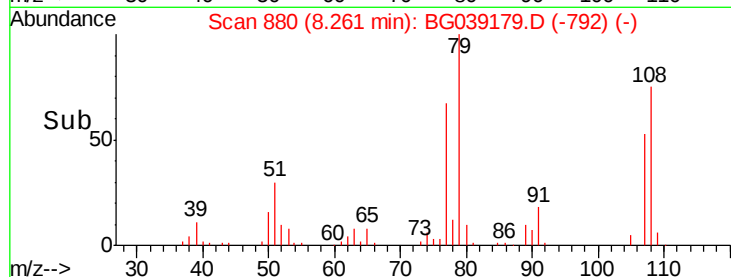
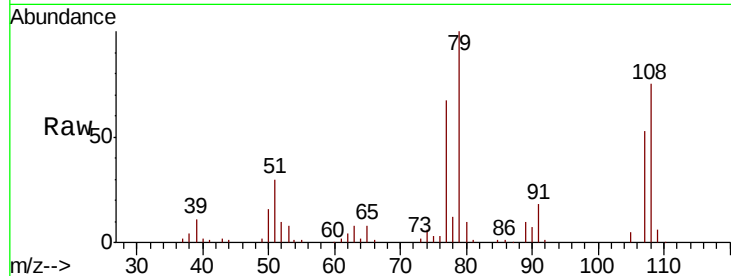
ClientSampleId :

OK-01-011519-AMSD

Tot Ion:	79	Resp:	65098
Ion Ratio	Lower	Upper	
79	100		
108	75.3	62.0	93.0
77	67.4	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.010 ng

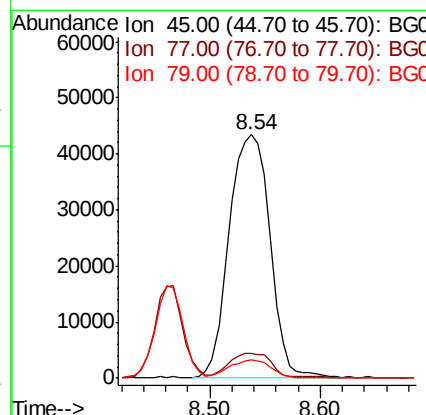
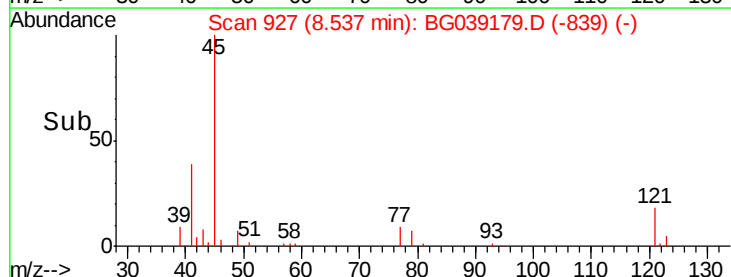
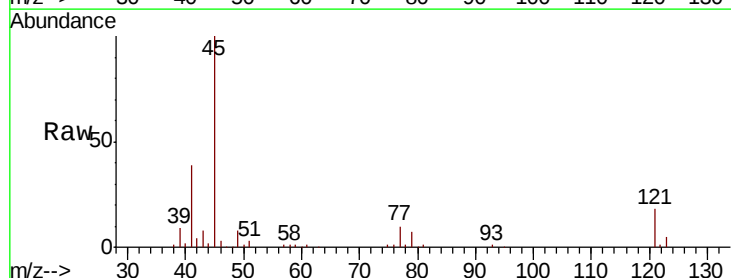
RT: 8.54 min Scan# 927

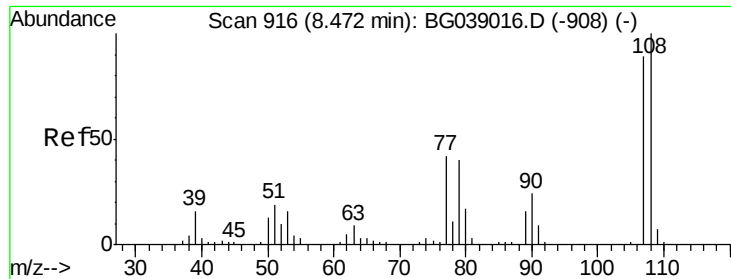
Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	45	Resp:	112873
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	30.7
79	7.5	0.0	28.5





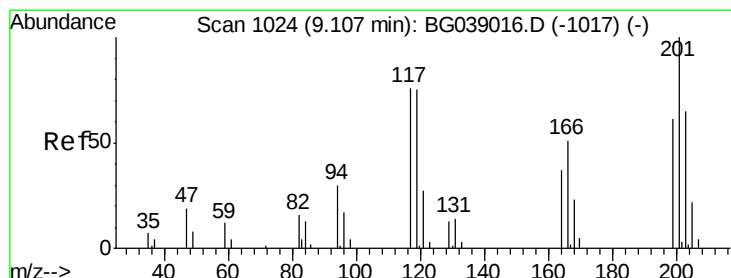
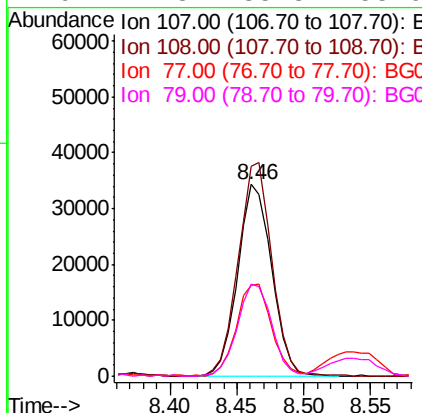
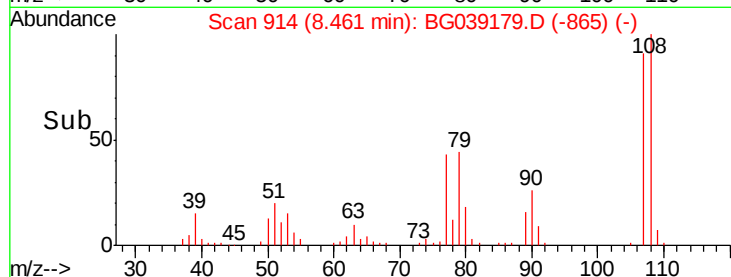
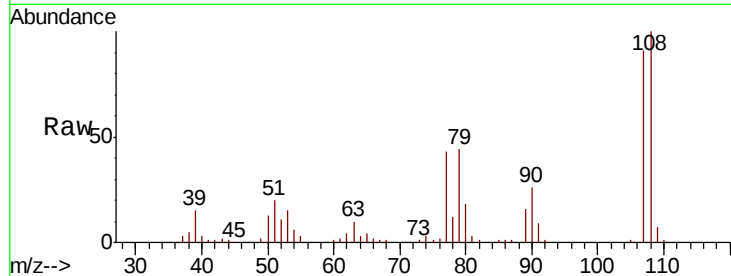
#17
2-Methylphenol
Concen: 52.159 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion:	107	Resp:	60626
Ion Ratio	Lower	Upper	
107	100		
108	109.7	90.3	135.5
77	47.3	38.3	57.5
79	47.8	35.8	53.6

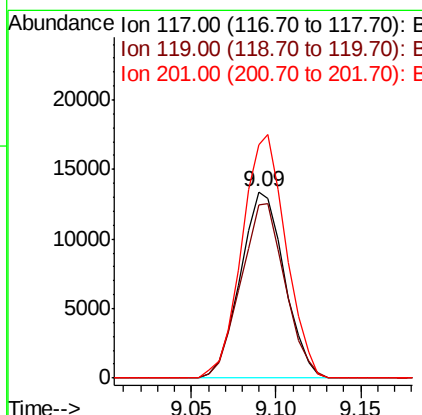
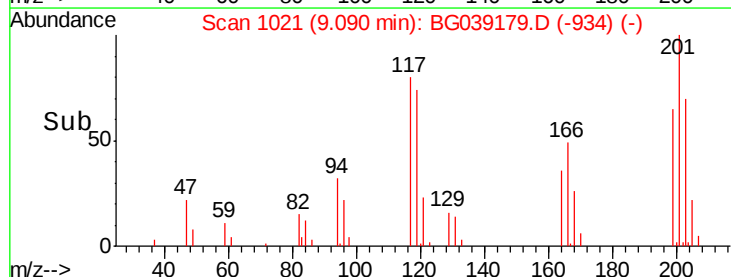
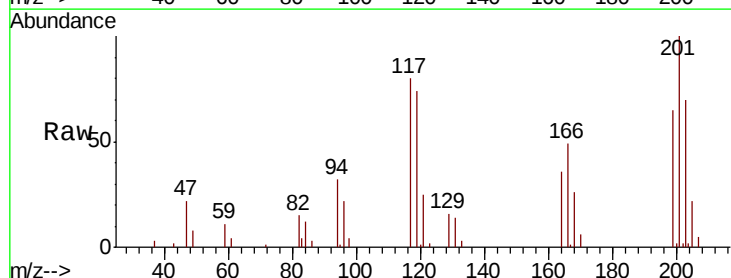
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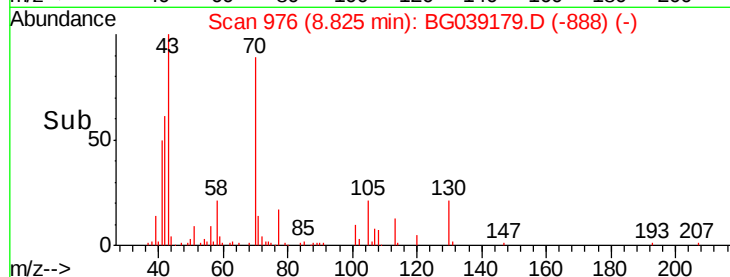
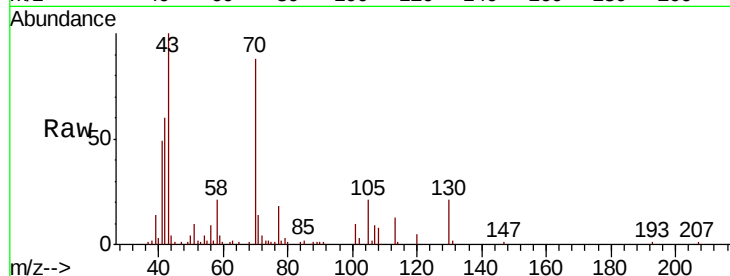
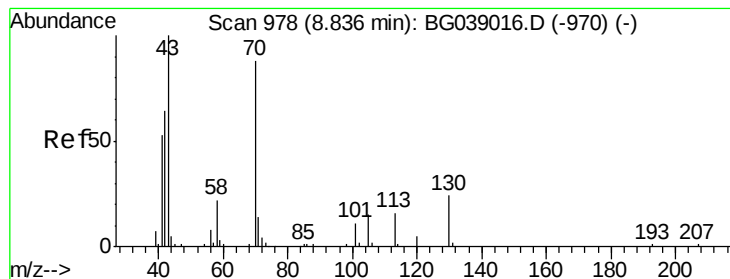
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#18
Hexachloroethane
Concen: 42.929 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion:	117	Resp:	24202
Ion Ratio	Lower	Upper	
117	100		
119	93.1	78.7	118.1
201	125.5	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 47.338 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

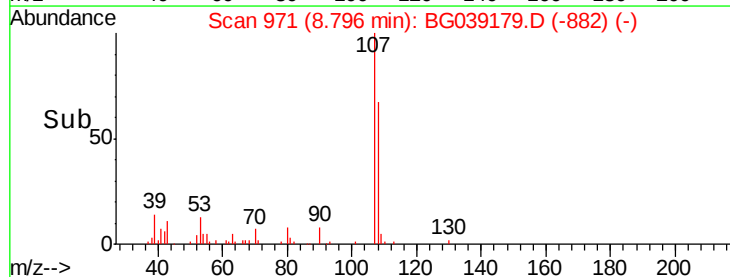
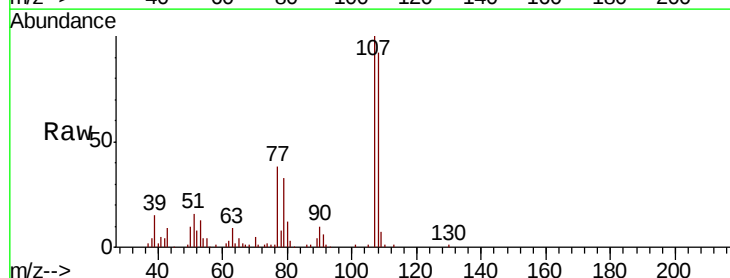
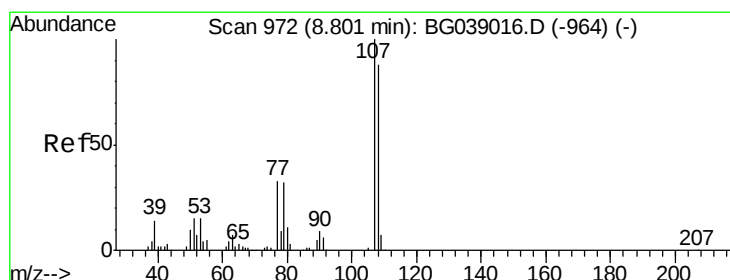
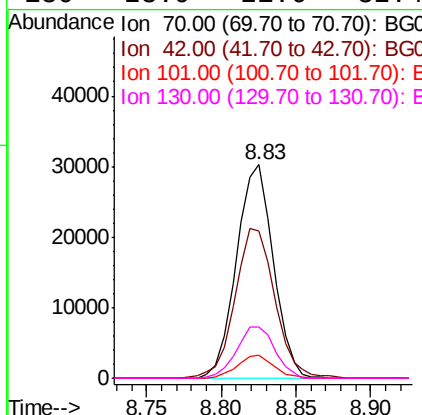
ClientSampleId :

OK-01-011519-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.7	59.0	88.4		
101	11.0	10.4	15.6		
130	23.9	21.6	32.4		

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#20

3+4-Methylphenols

Concen: 49.317 ng

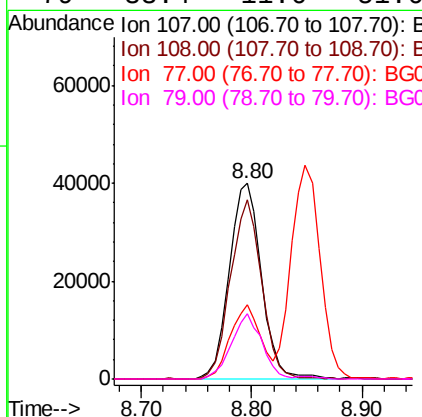
RT: 8.80 min Scan# 971

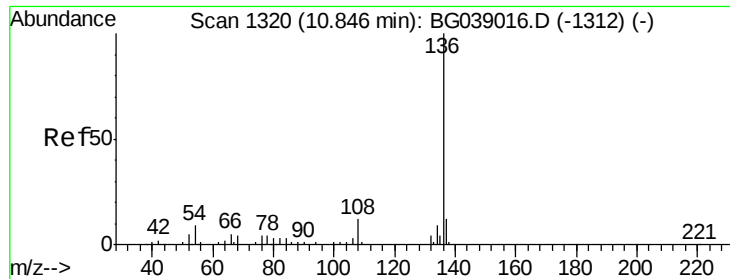
Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.8	68.4	108.4		
77	37.7	13.3	53.3		
79	33.4	11.6	51.6		





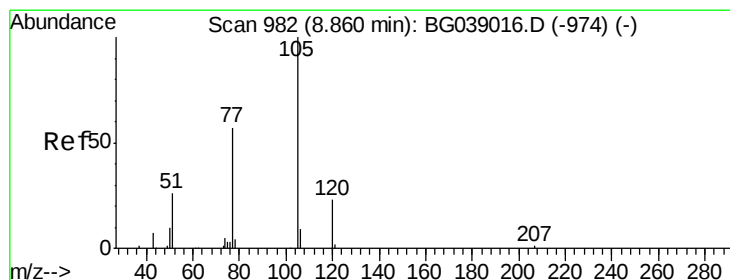
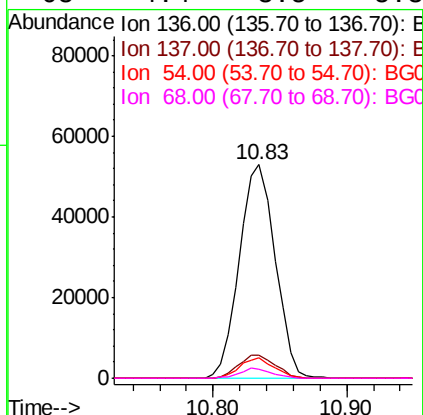
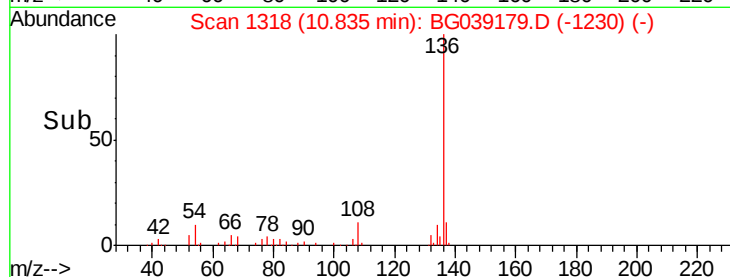
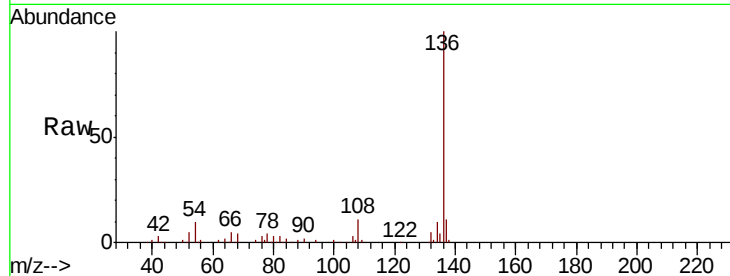
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9		9.4	14.2
54	9.7		7.2	10.8
68	4.4		3.5	5.3

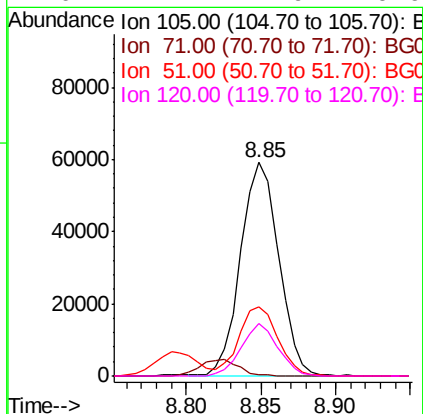
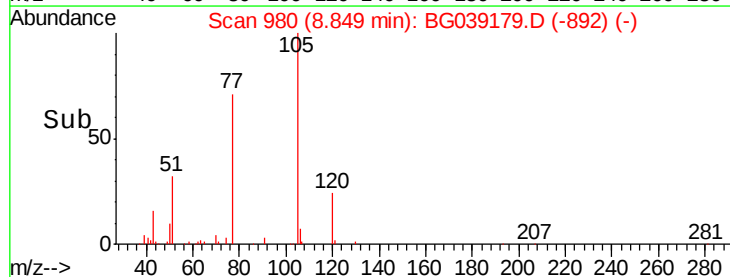
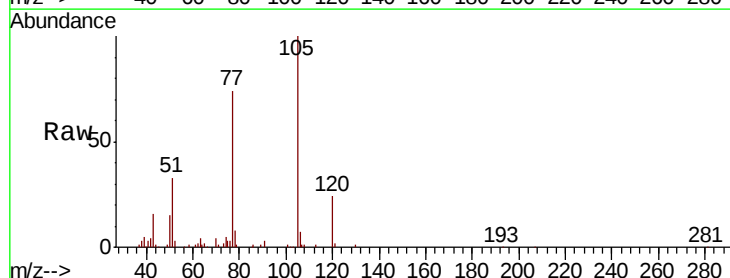
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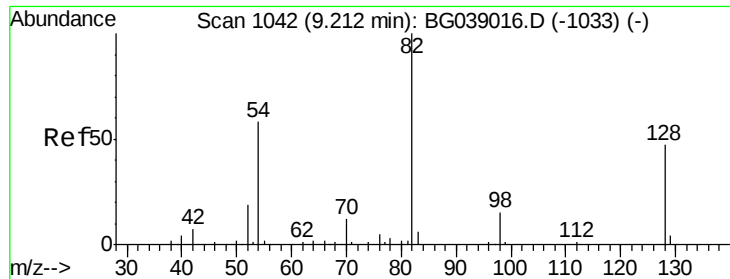
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#22
Acetophenone
Concen: 40.954 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5		0.6	1.0#
51	32.7		26.6	39.8
120	24.4		17.9	26.9





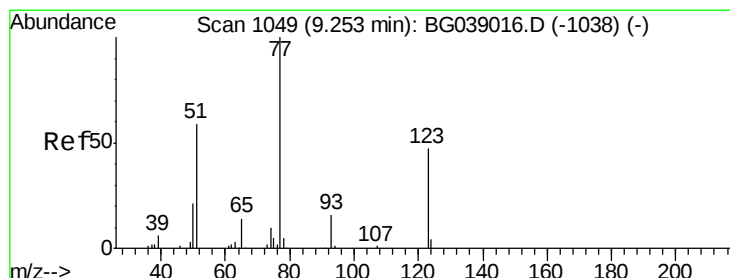
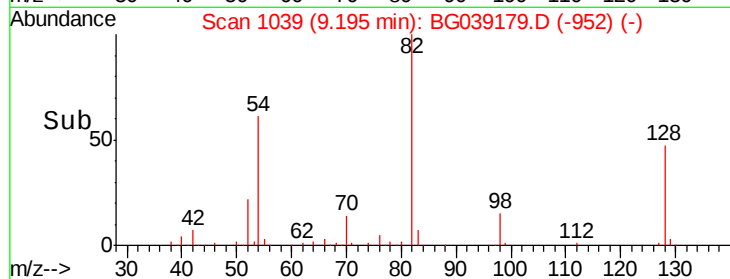
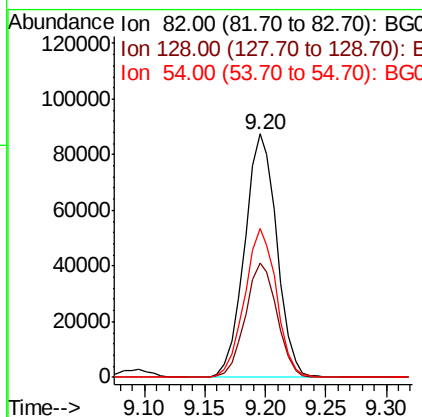
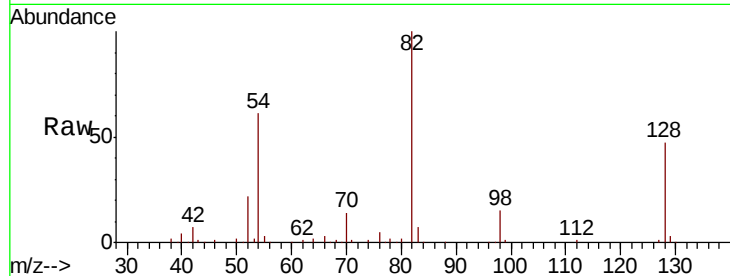
#23
 Nitrobenzene-d5
 Concen: 90.244 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.3	55.9
54	61.0	46.4	69.6

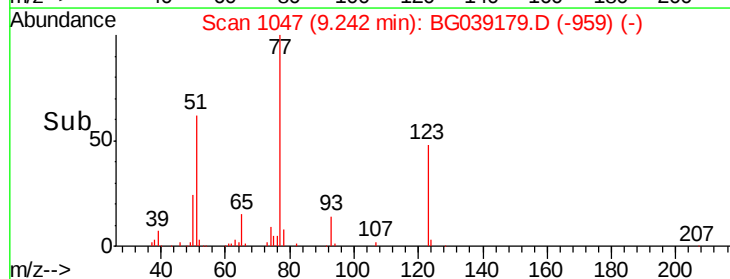
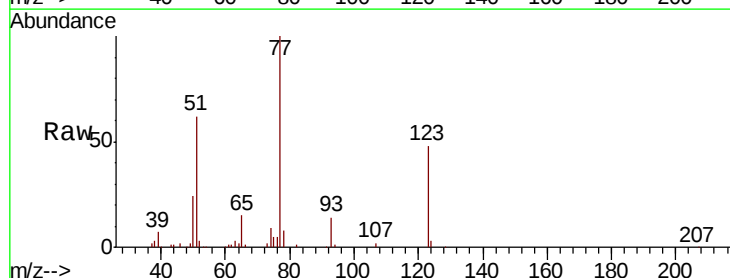
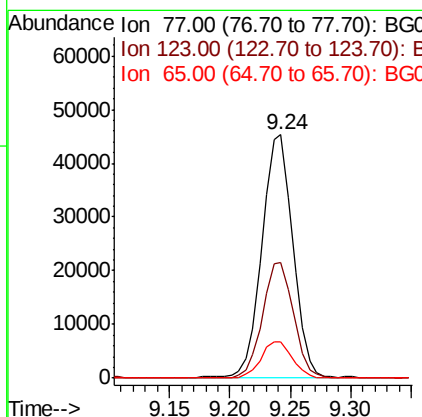
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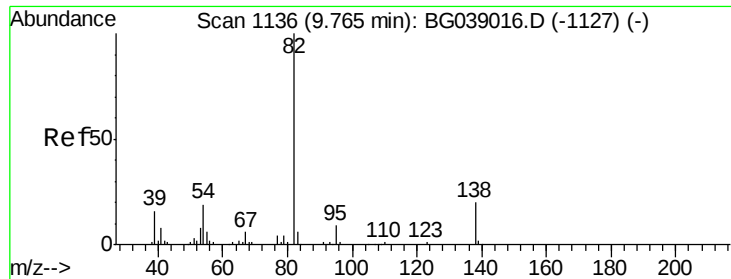
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#24
 Nitrobenzene
 Concen: 44.368 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	37.6	56.4
65	14.8	11.0	16.6





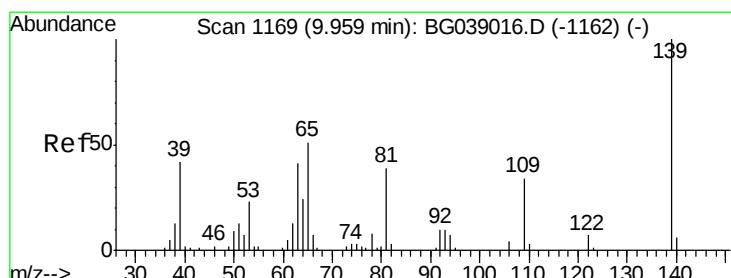
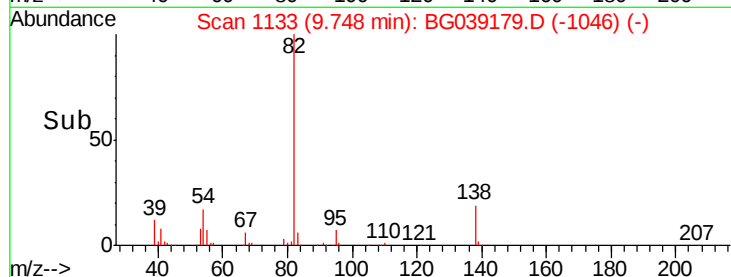
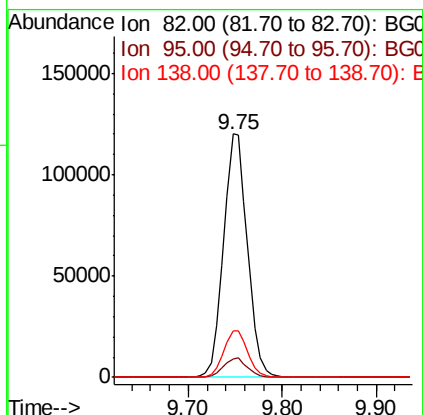
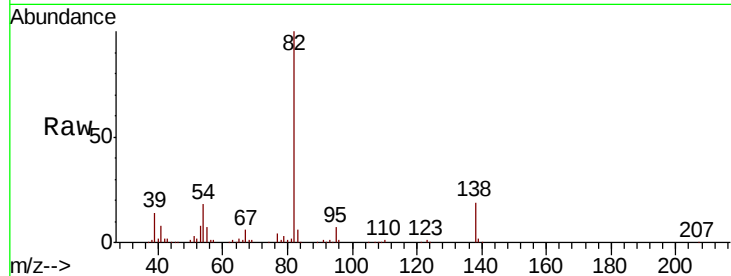
#25
Isophorone
Concen: 68.160 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	7.0	10.6	
138	19.1	16.2	24.4	

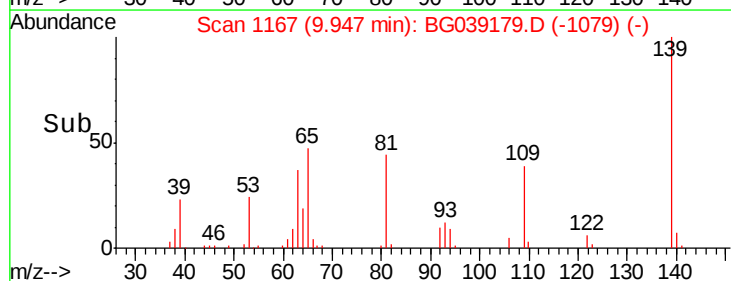
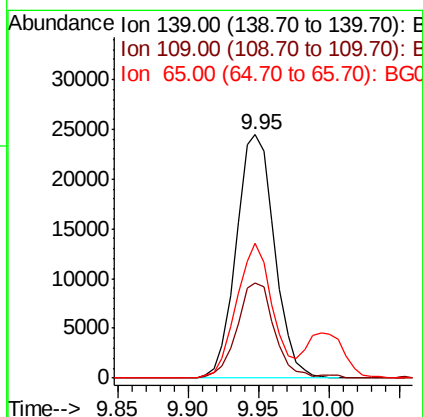
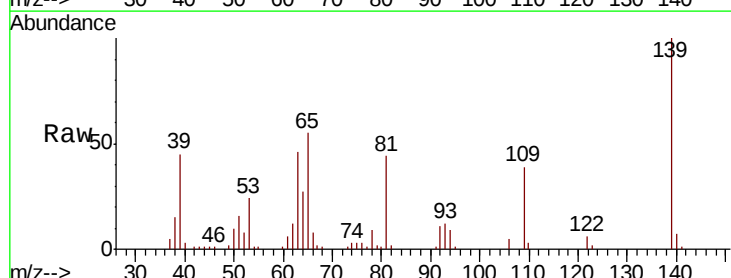
Manual Integrations
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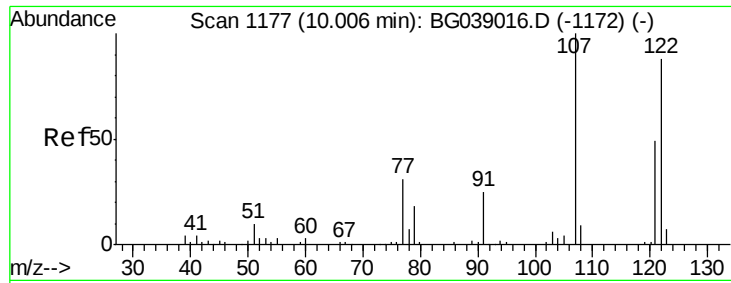
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#26
2-Nitrophenol
Concen: 46.951 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.0	27.3	40.9	
65	55.3	40.6	61.0	





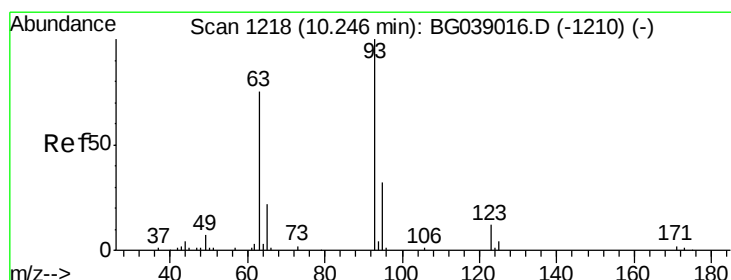
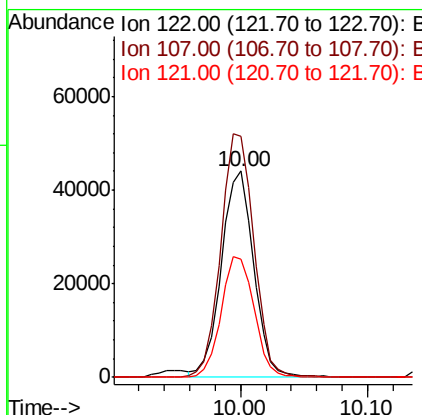
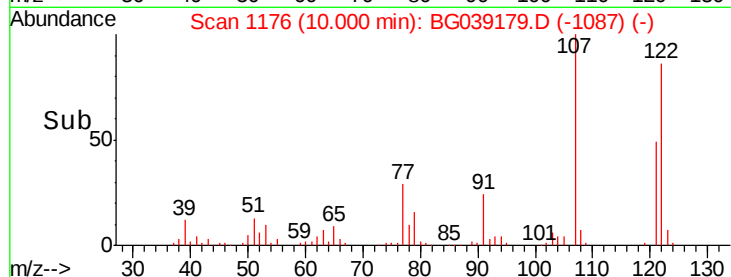
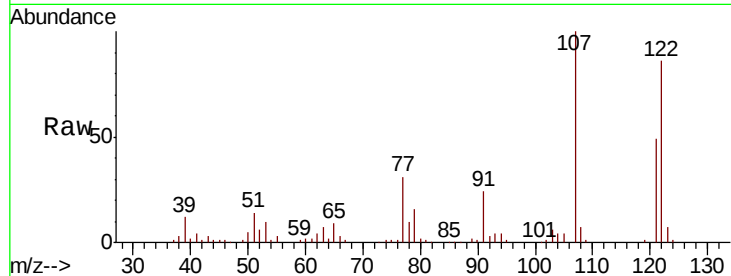
#27
2,4-Dimethylphenol
Concen: 56.452 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.6	88.8	133.2
121	57.5	43.1	64.7

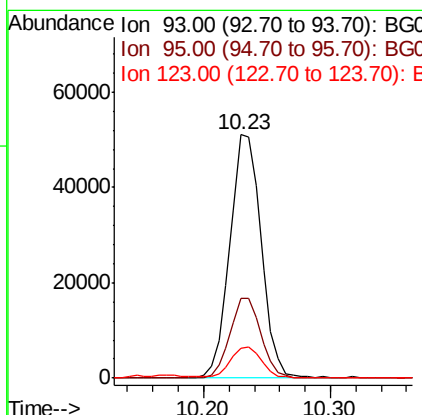
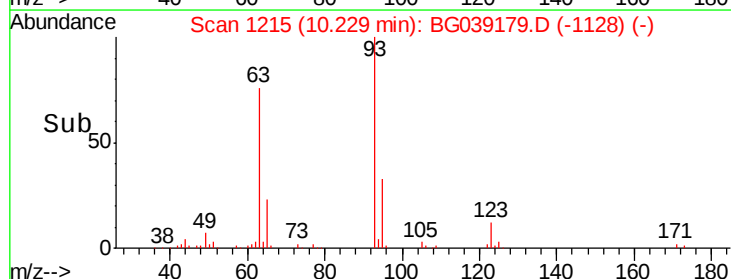
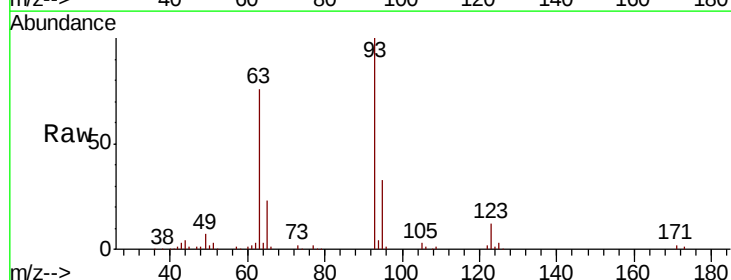
Manual Integrations
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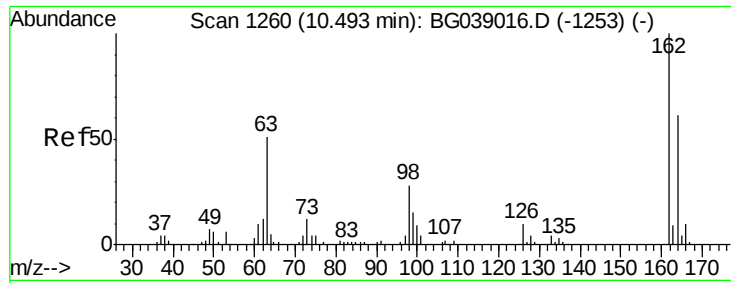
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#28
bis(2-Chloroethoxy)methane
Concen: 46.856 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.6	38.4
123	12.1	10.1	15.1





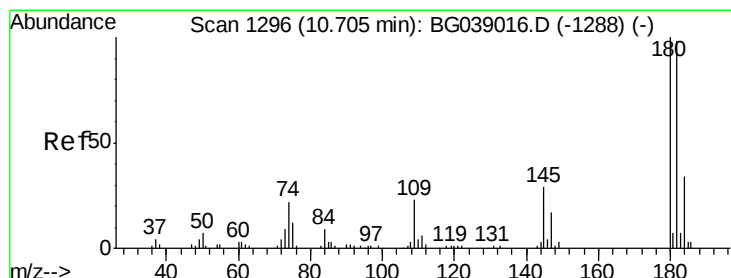
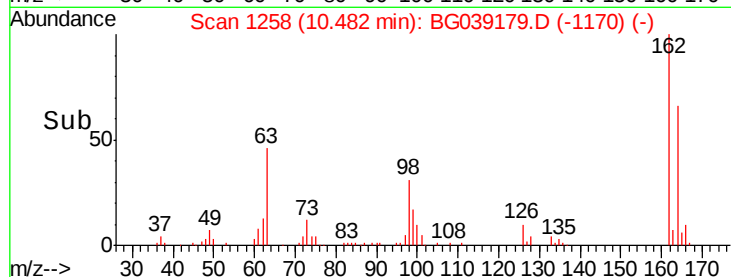
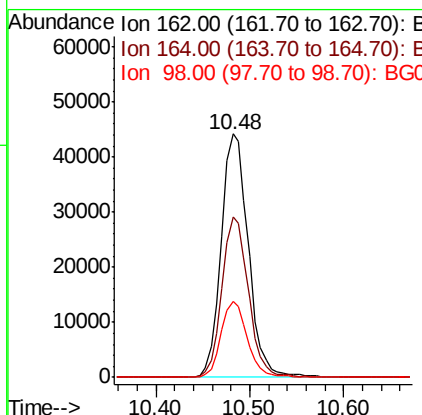
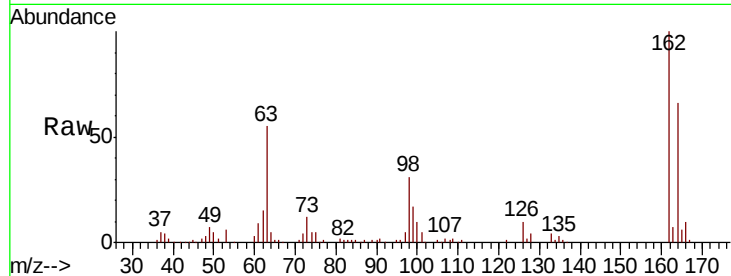
#29
2,4-Dichlorophenol
Concen: 51.526 ng
RT: 10.48 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.0	41.3	81.3
98	31.3	8.3	48.3

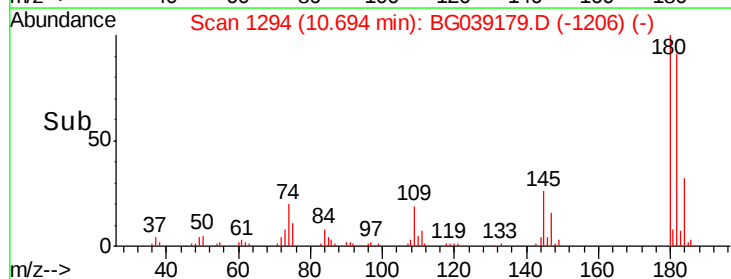
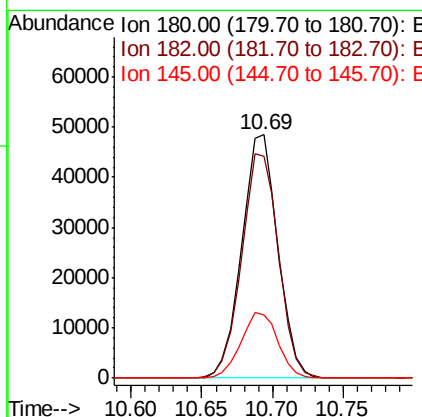
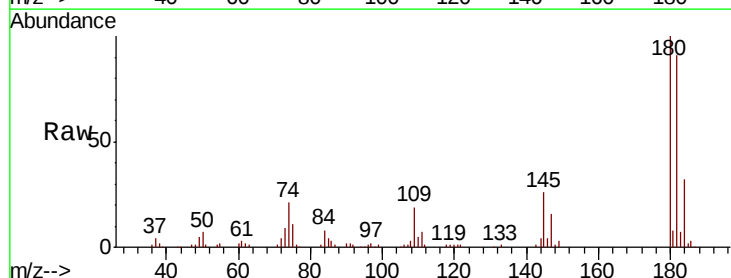
Manual Integrations
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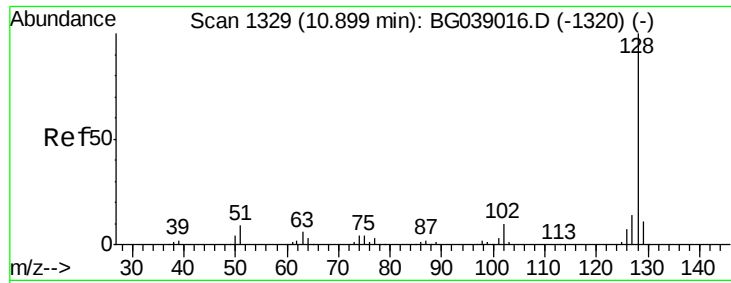
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#30
1,2,4-Trichlorobenzene
Concen: 41.936 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	90.9	78.1	117.1
145	25.7	23.1	34.7





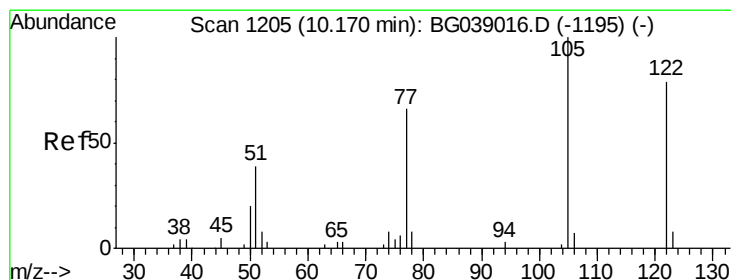
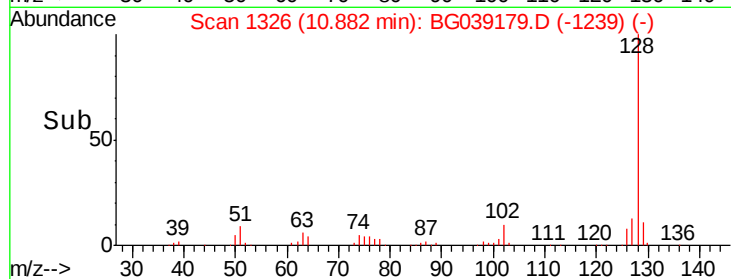
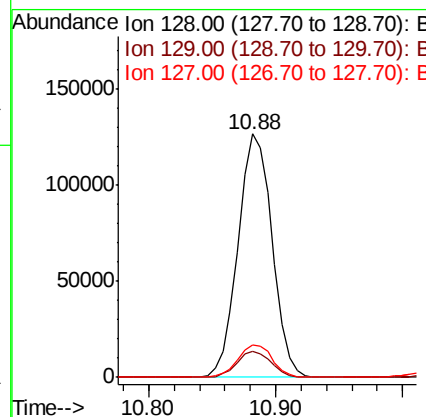
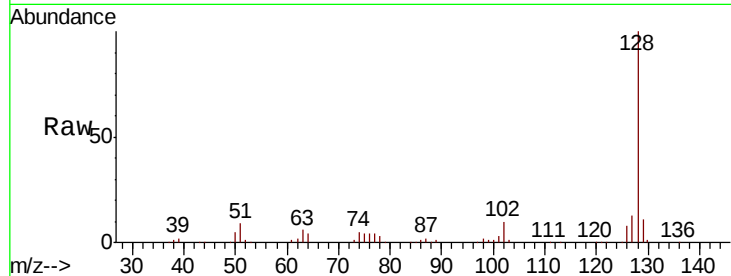
#31
Naphthalene
Concen: 47.591 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.1	13.7
127	13.5	11.2	16.8

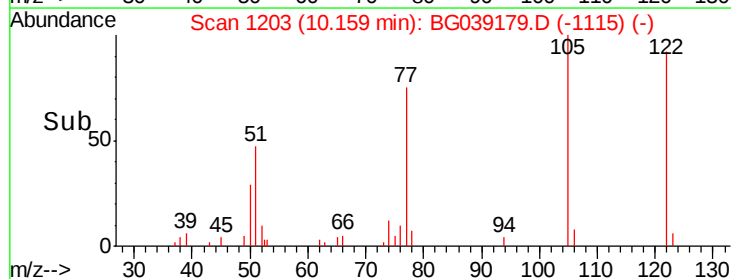
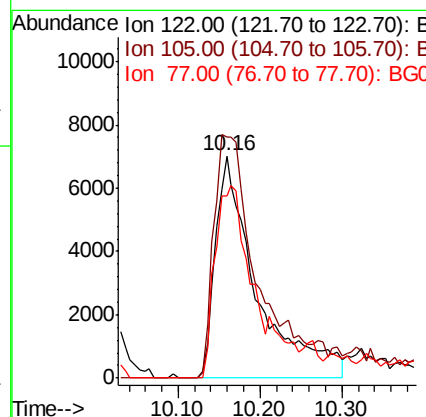
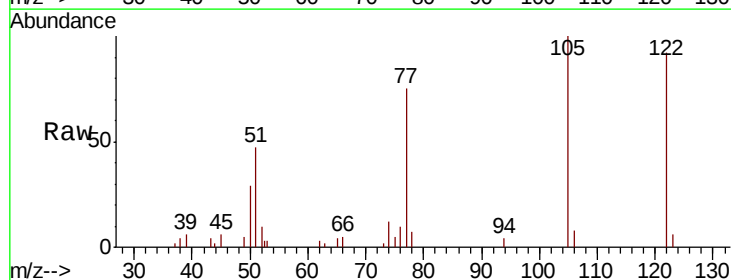
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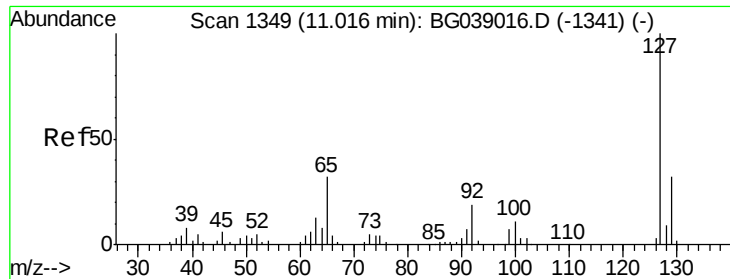
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#32
Benzoic acid
Concen: 32.773 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.8	106.4	146.4
77	82.0	63.6	103.6





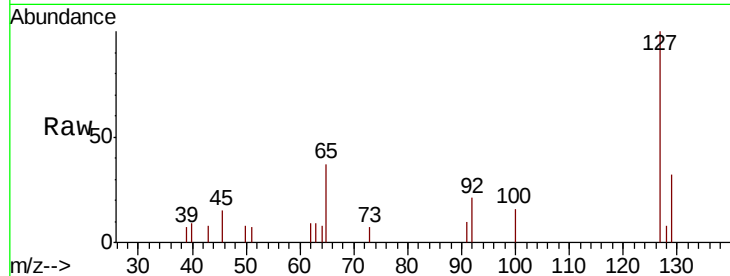
#33
4-Chloroaniline
Concen: 2.236 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

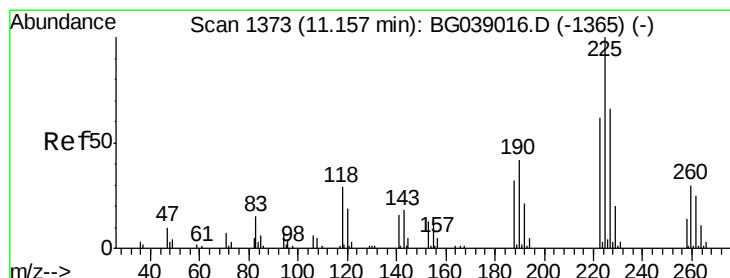
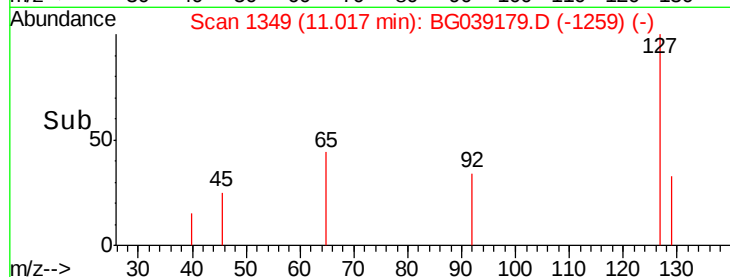
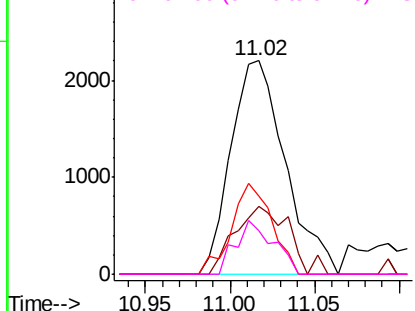
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		4940		
129	32.0	25.4	38.0		
65	36.8	25.4	38.0		
92	20.6	15.2	22.8		

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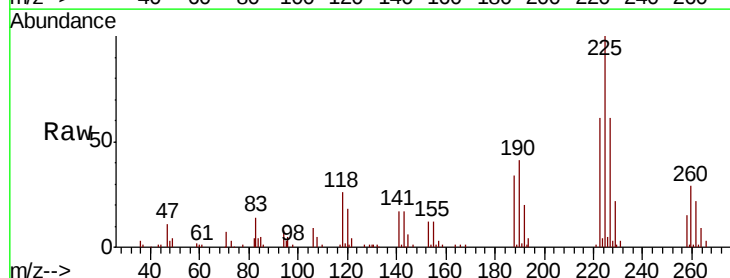


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

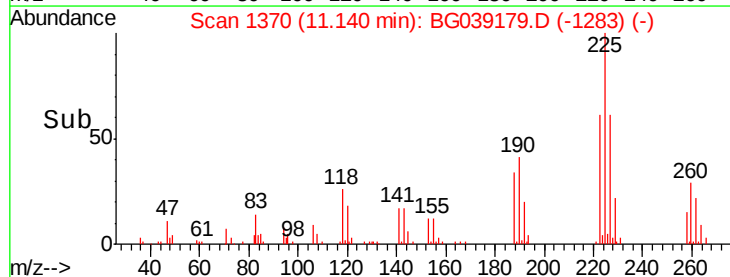
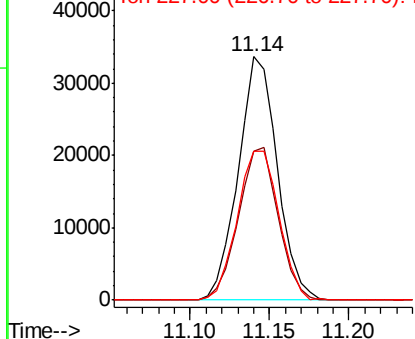


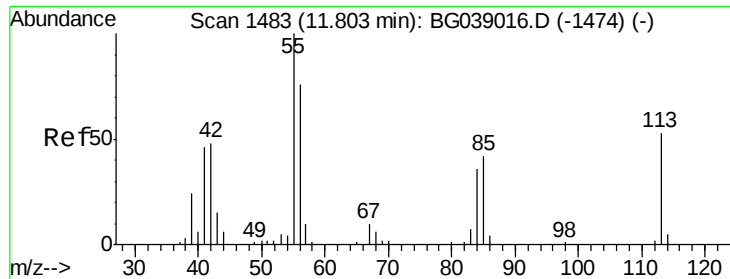
#34
Hexachlorobutadiene
Concen: 40.482 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		57538		
223	61.3	50.2	75.4		
227	64.1	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





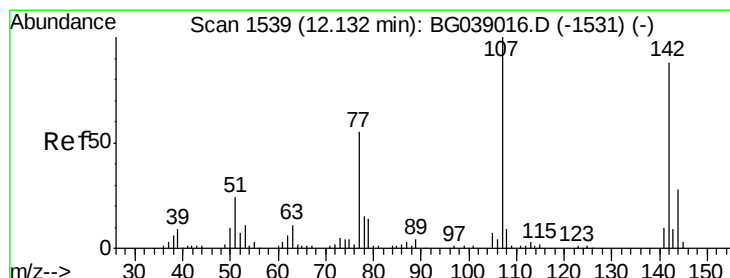
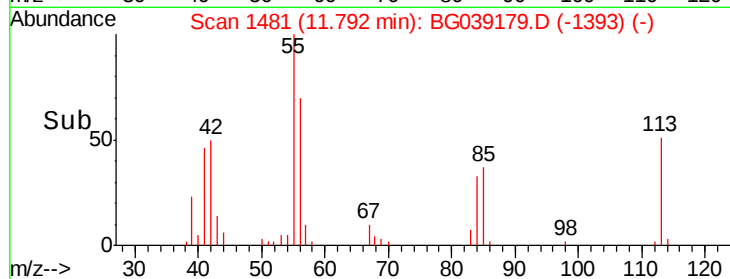
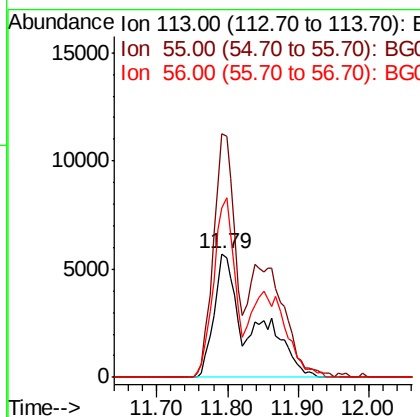
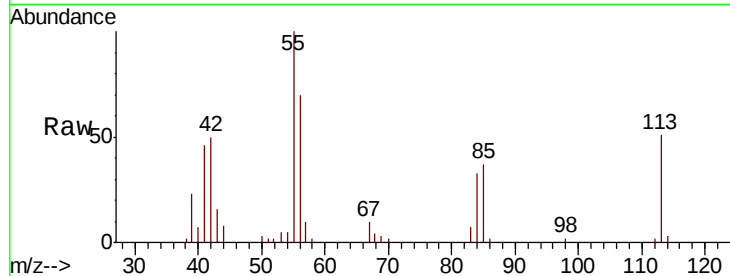
#35
 Caprolactam
 Concen: 30.463 ng/ml
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.5	168.6	208.6
56	137.1	123.2	163.2

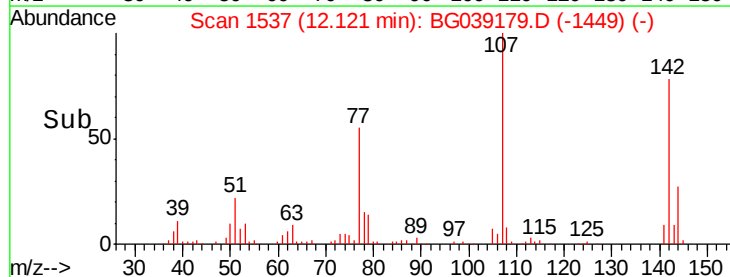
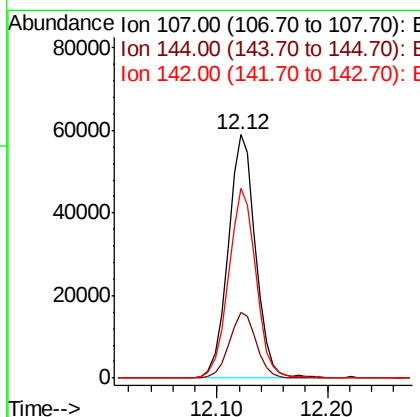
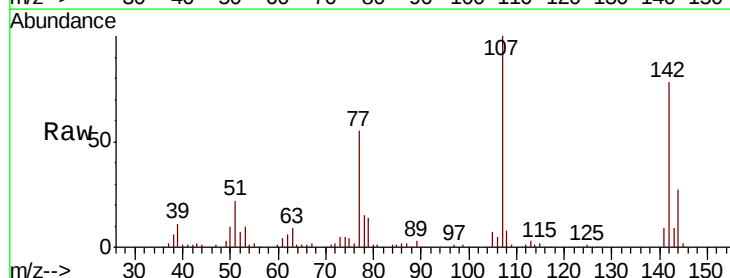
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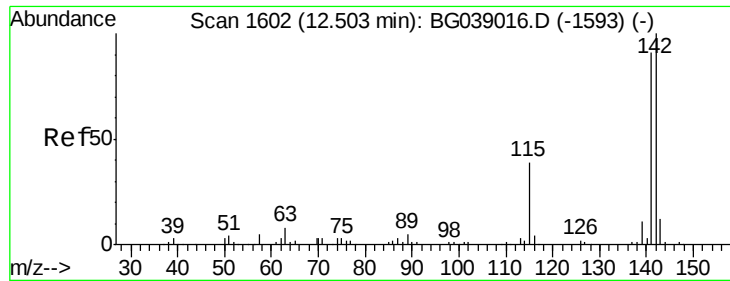
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#36
 4-Chloro-3-methylphenol
 Concen: 55.594 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	22.6	34.0
142	77.8	70.2	105.4





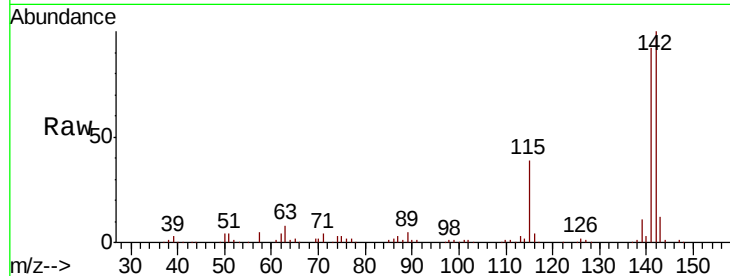
#37
2-Methylnaphthalene
Concen: 50.308 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	109.0
115	38.9	31.1	46.7

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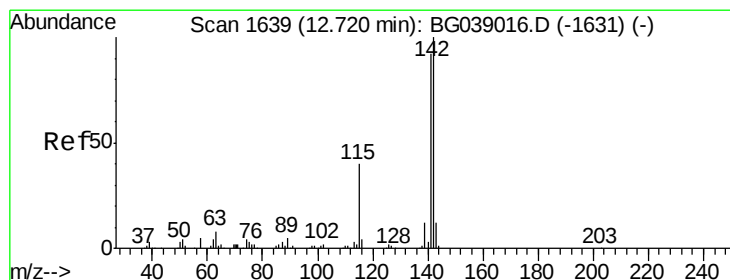
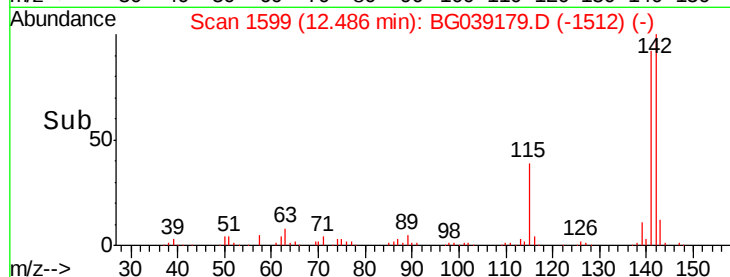
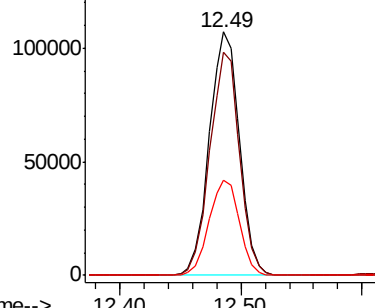


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.742 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

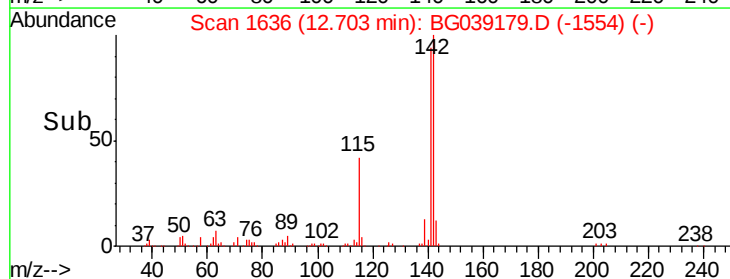
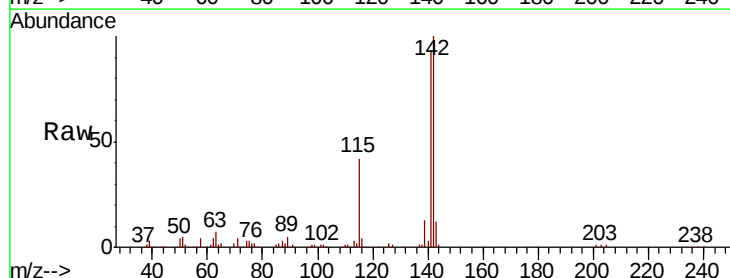
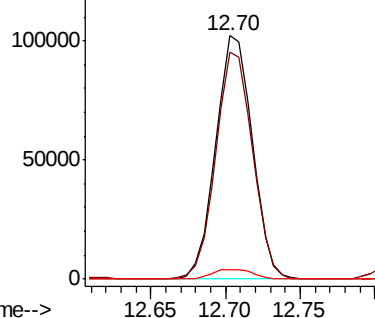
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.3	109.9
116	4.1	3.1	4.7

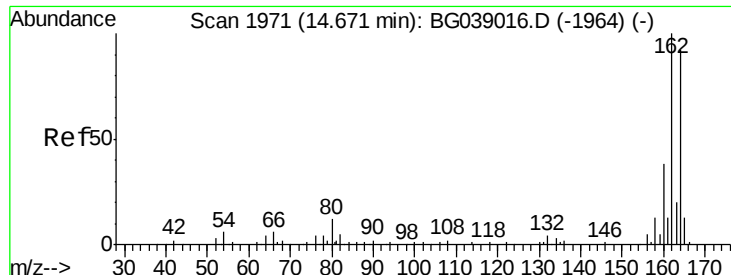
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

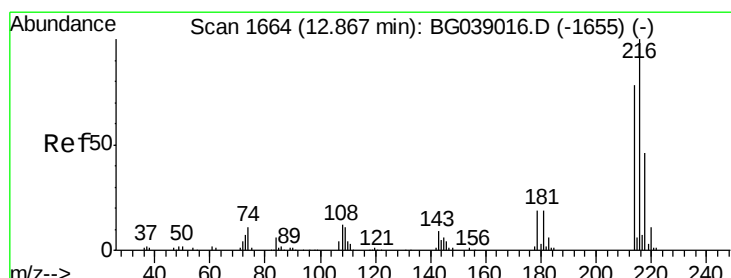
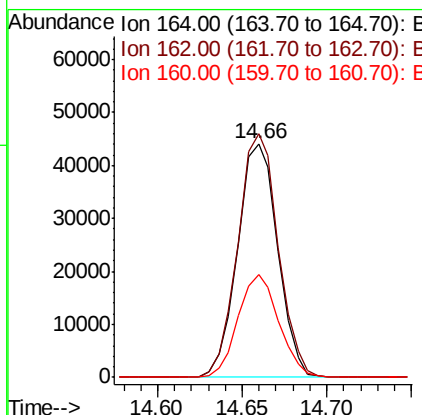
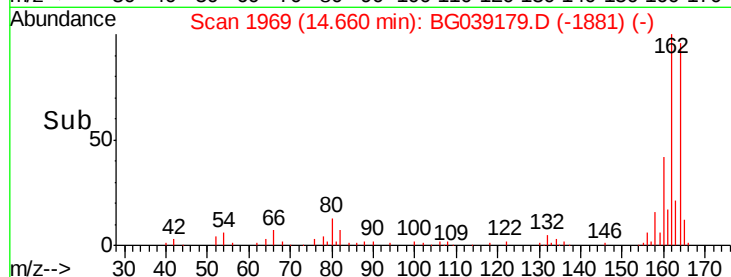
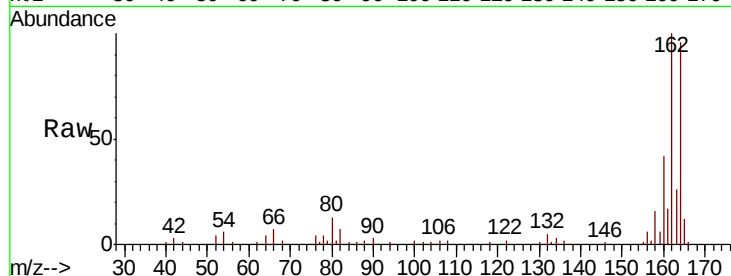
ClientSampleId :

OK-01-011519-AMSD

Tot Ion:	164	Resp:	72824
Ion Ratio	Lower	Upper	
164	100		
162	104.1	87.2	130.8
160	44.0	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.882 ng

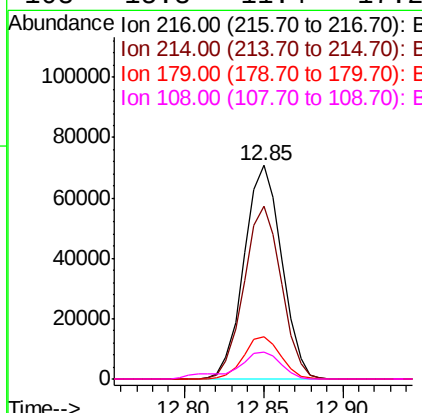
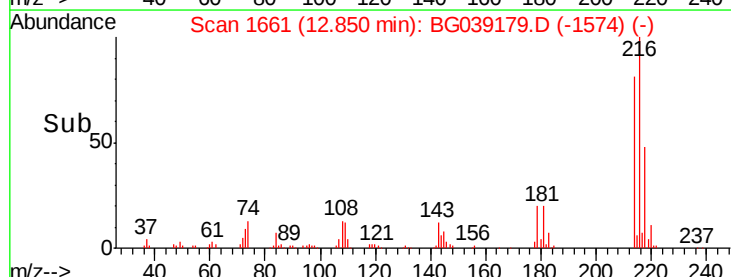
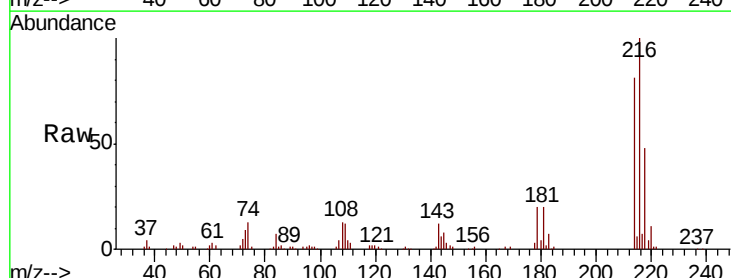
RT: 12.85 min Scan# 1661

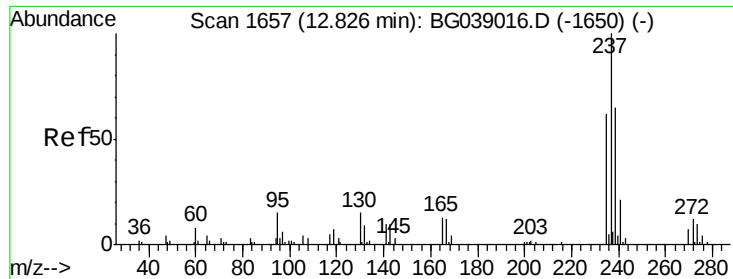
Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	216	Resp:	117282
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.4	95.2
179	19.3	15.5	23.3
108	15.3	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 74.652 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

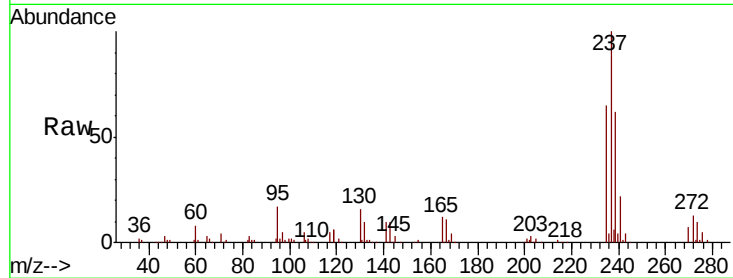
ClientSampleId :

OK-01-011519-AMSD

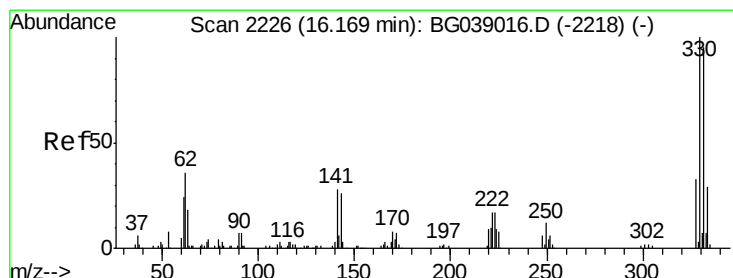
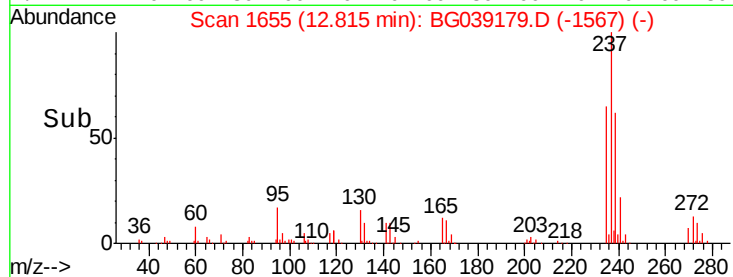
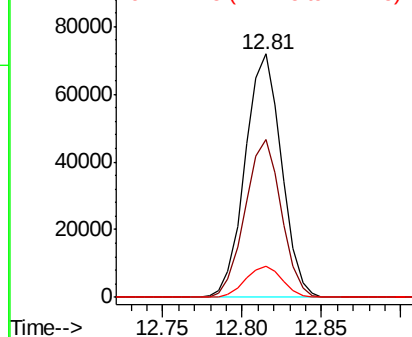
Tot Ion:	237	Resp:	114353
Ion Ratio	Lower	Upper	
237	100		
235	64.6	41.7	81.7
272	12.6	0.0	32.1

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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: 167.455 ng

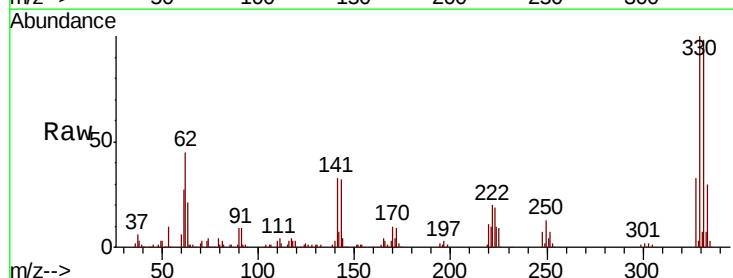
RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

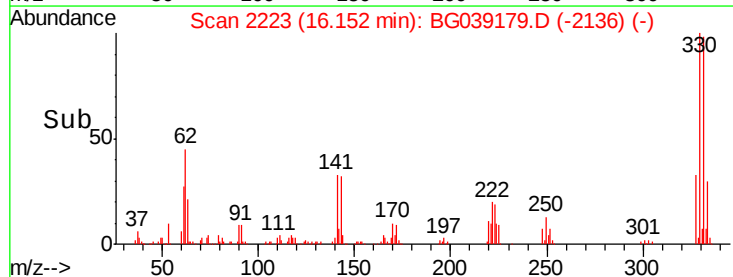
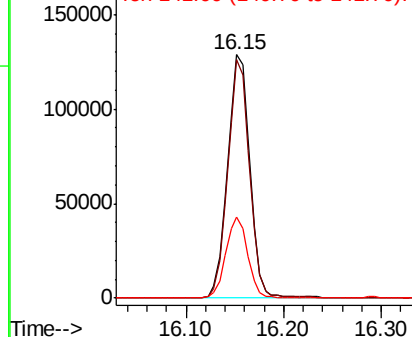
Lab File: BG039179.D

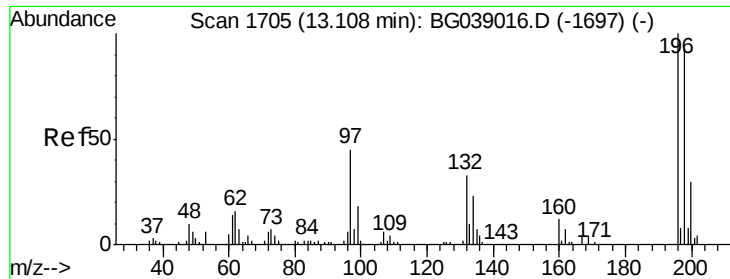
Acq: 17 Jan 2019 5:29

Tgt Ion:	330	Resp:	204418
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	32.6	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





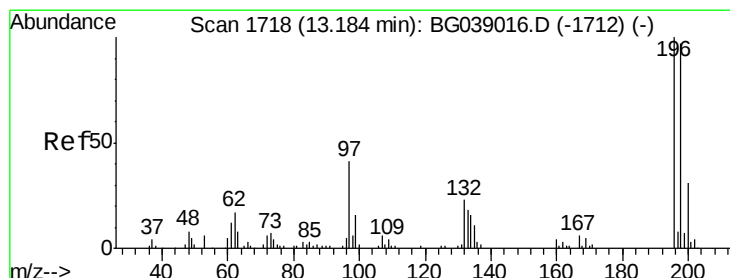
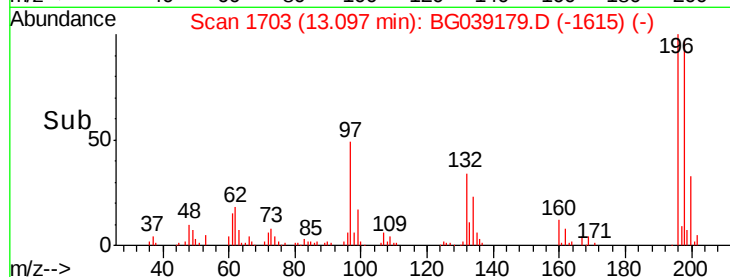
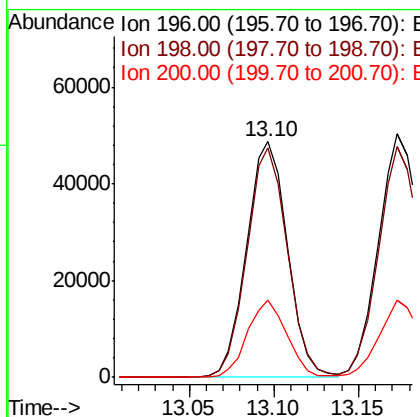
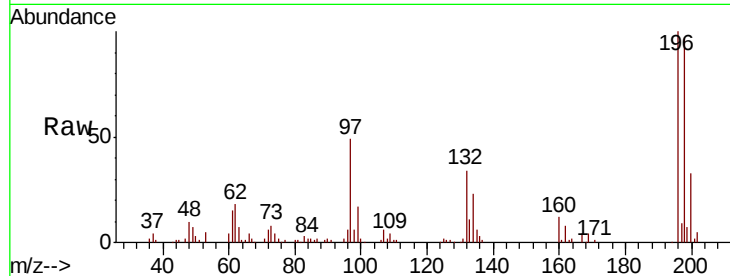
#43
 2,4,6-Trichlorophenol
 Concen: 47.577 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	81896		
198	97.2	74.5	111.7	
200	32.9	23.8	35.6	

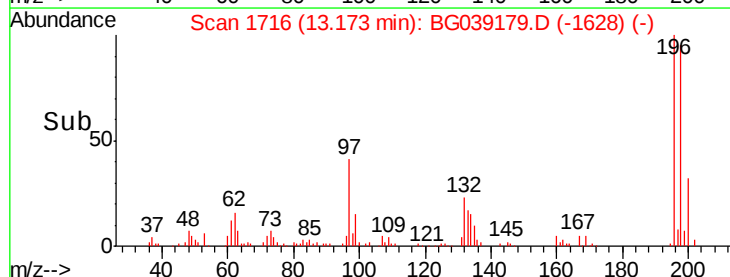
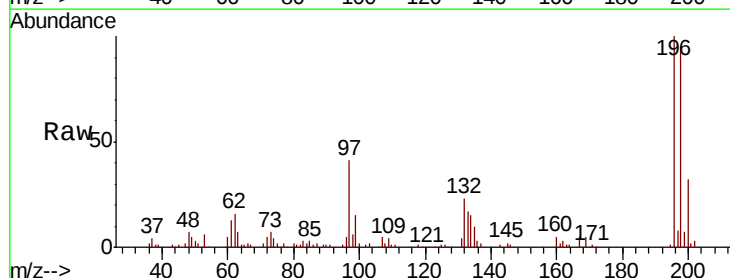
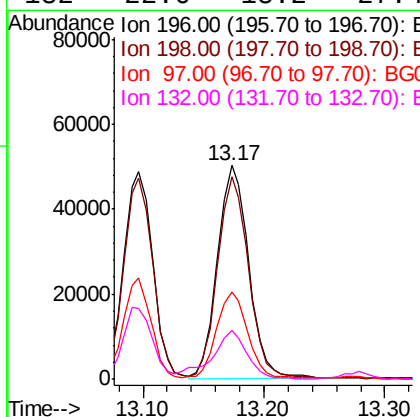
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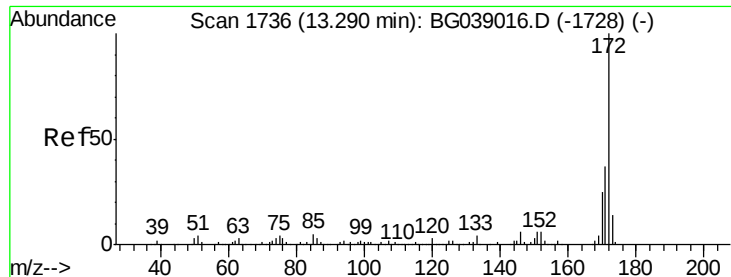
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#44
 2,4,5-Trichlorophenol
 Concen: 49.191 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89493		
198	95.0	78.1	117.1	
97	40.6	33.2	49.8	
132	22.6	18.2	27.4	





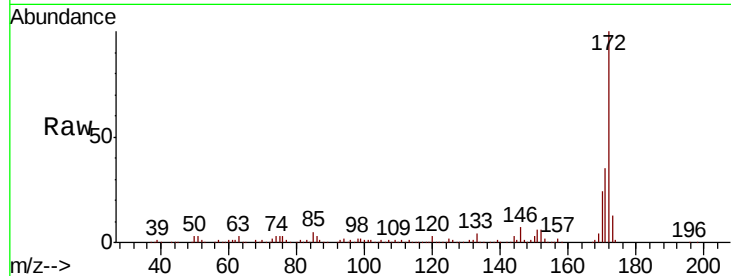
#45
2-Fluorobiphenyl
Concen: 87.102 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.8	20.1	30.1

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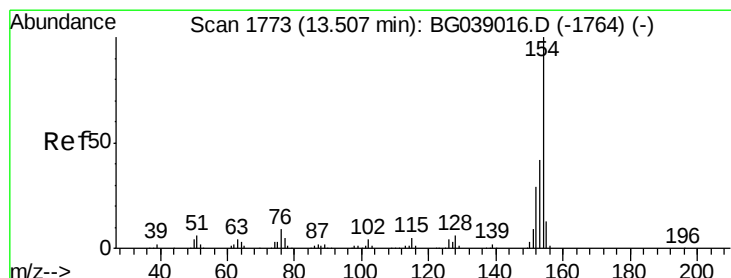
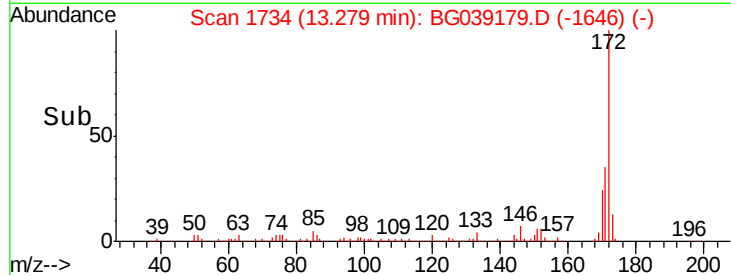
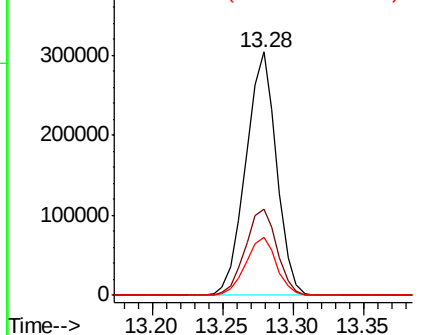


Abundance

Ion 172.00 (171.70 to 172.70): E

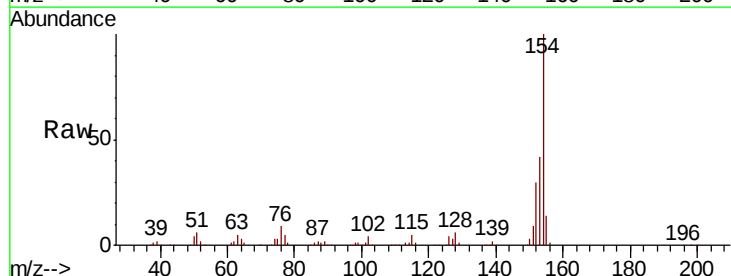
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.713 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.4	62.4
76	9.1	0.0	29.4

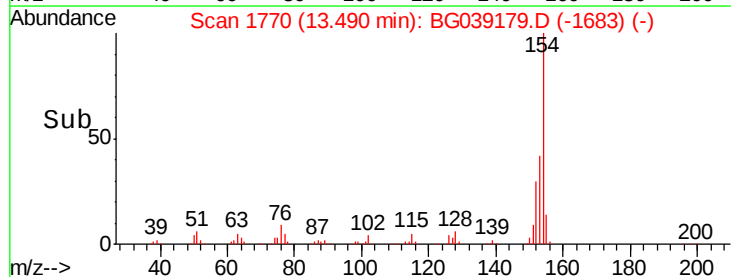
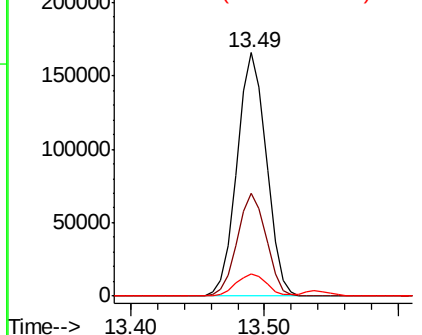


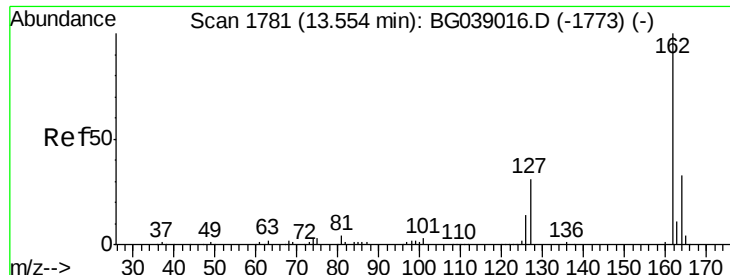
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGO





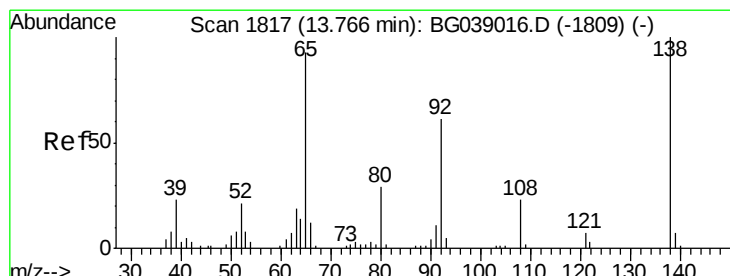
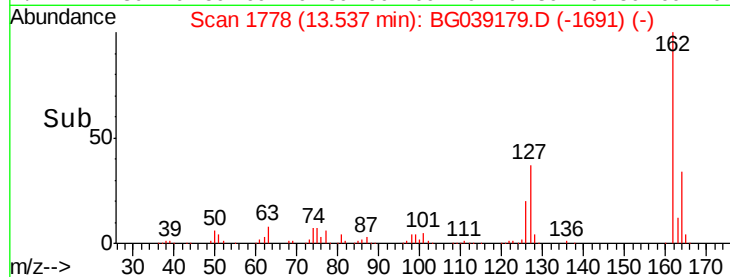
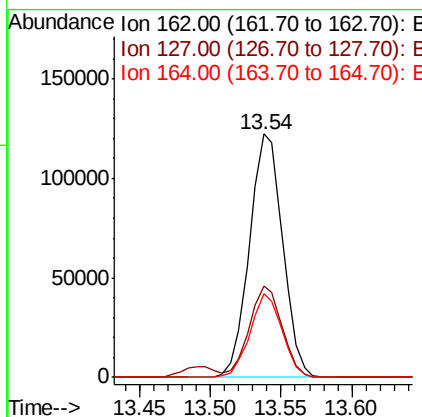
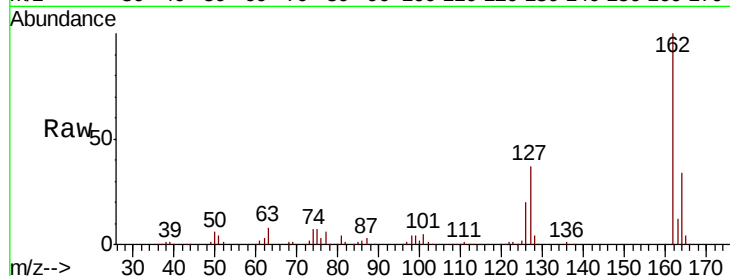
#47
 2-Chloronaphthalene
 Concen: 43.387 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tot Ion:	162	Resp:	202601
Ion Ratio	Lower	Upper	
162	100		
127	37.3	28.4	42.6
164	34.2	26.3	39.5

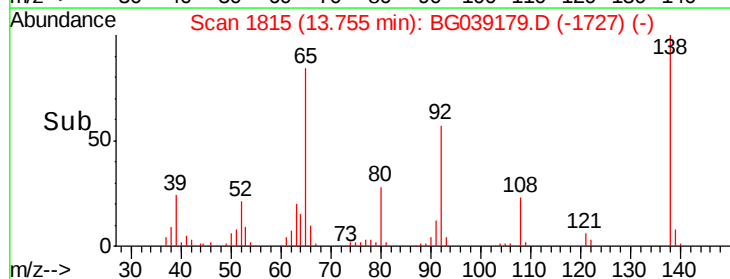
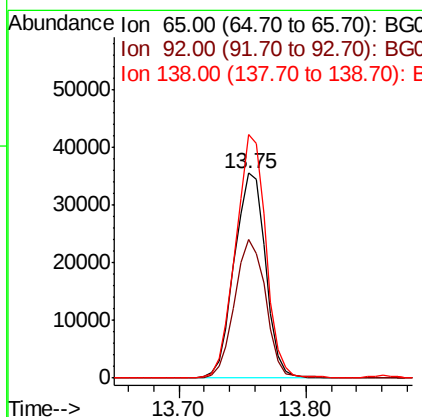
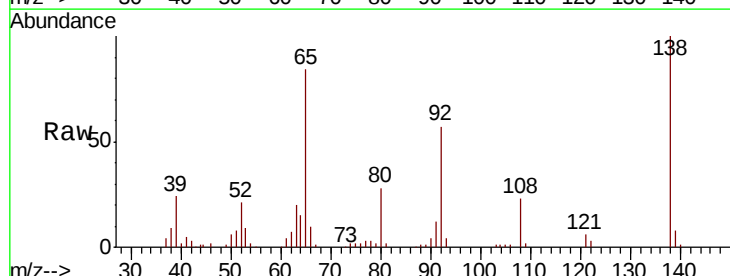
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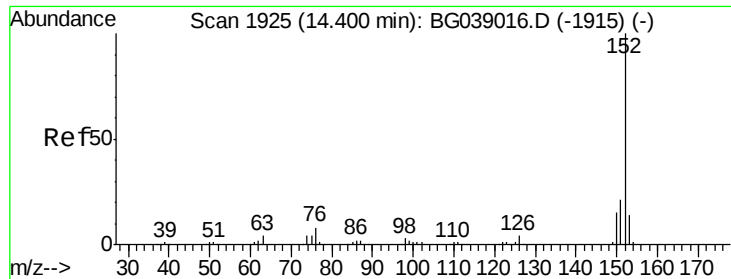
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#48
 2-Nitroaniline
 Concen: 46.370 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion:	65	Resp:	60661
Ion Ratio	Lower	Upper	
65	100		
92	68.0	52.2	78.4
138	119.0	86.0	129.0





#49

Acenaphthylene

Concen: 47.527 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

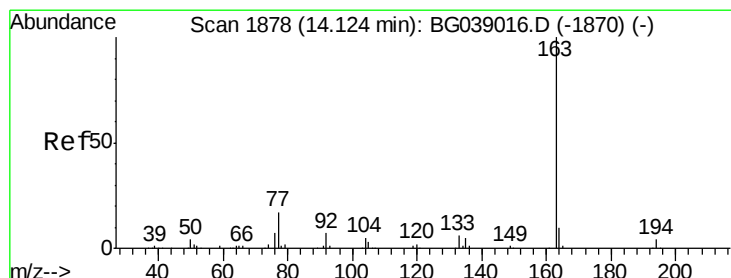
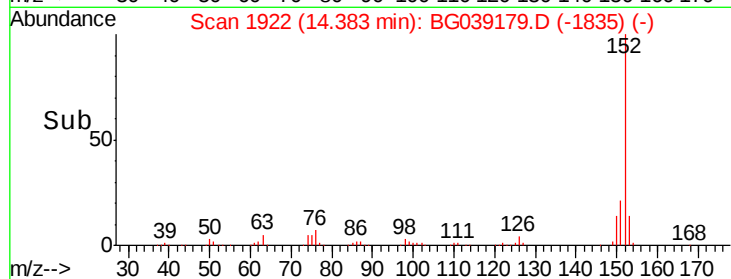
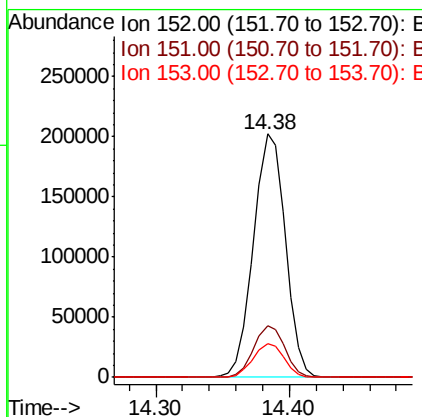
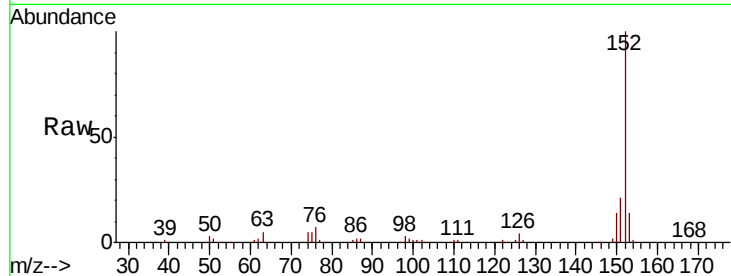
ClientSampleId :

OK-01-011519-AMSD

Tot Ion:	152	Resp:	333579
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.0	25.4
153	13.8	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.763 ng

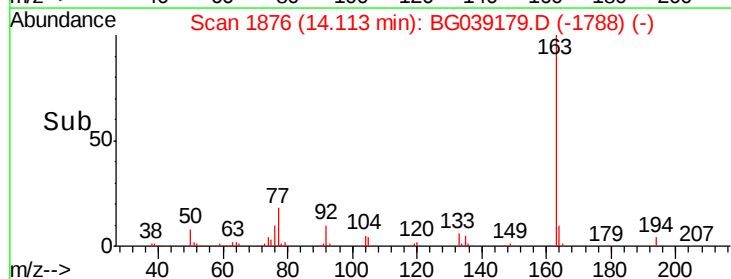
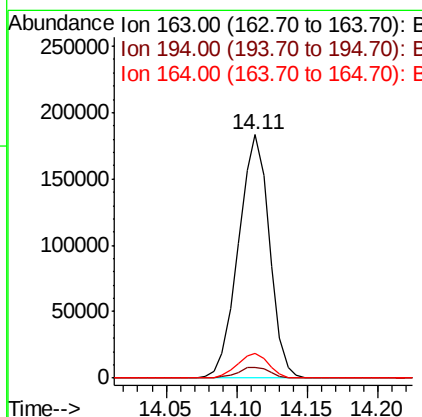
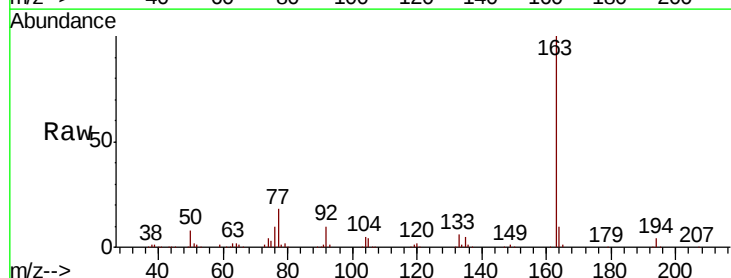
RT: 14.11 min Scan# 1876

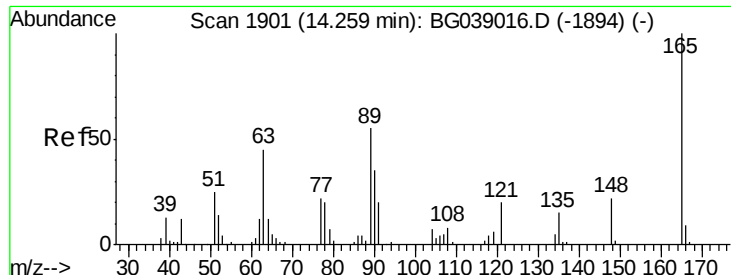
Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	163	Resp:	281622
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.2	8.2	12.2





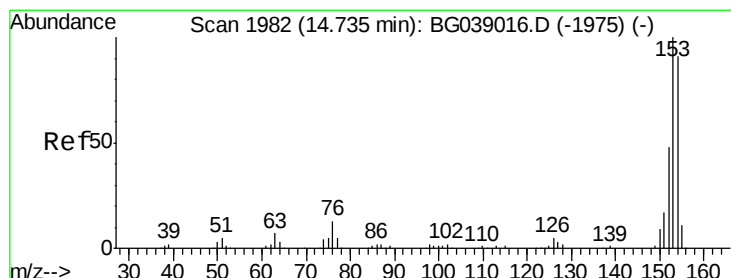
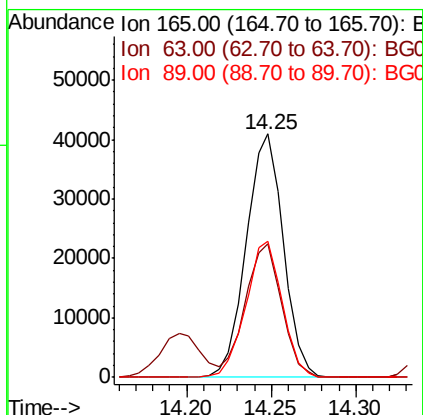
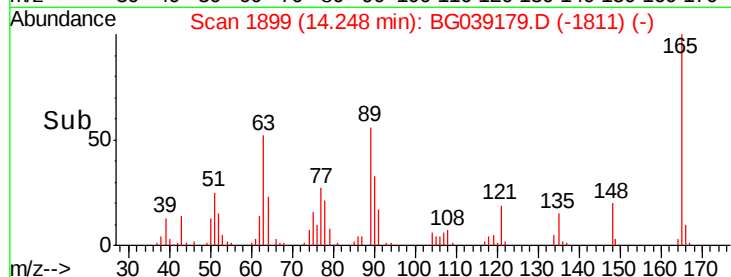
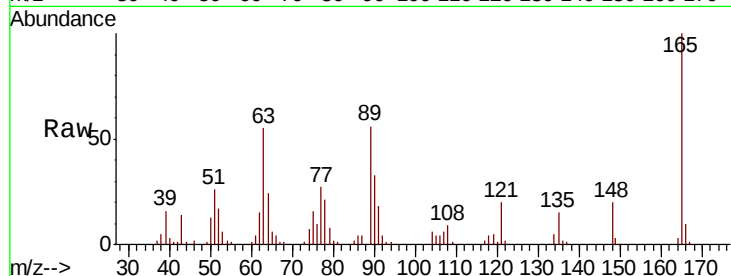
#51
 2,6-Dinitrotoluene
 Concen: 45.156 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	43.6	65.4
89	55.9	43.7	65.5

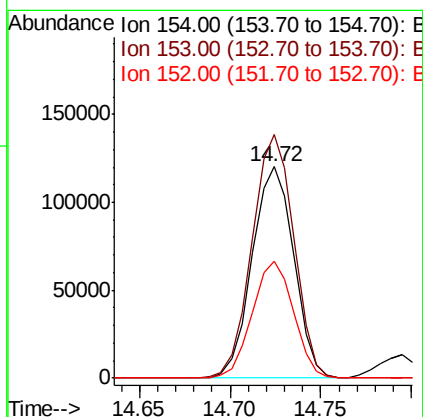
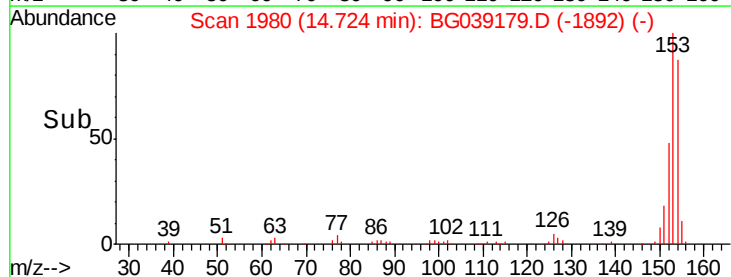
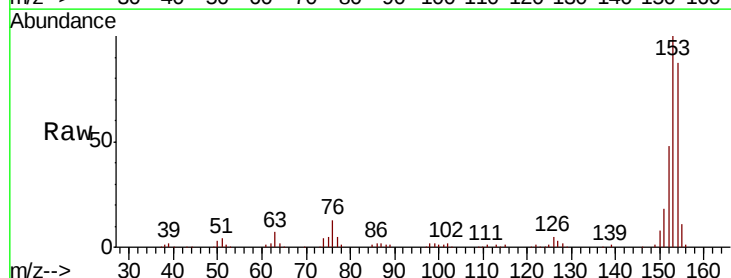
Manual Integrations
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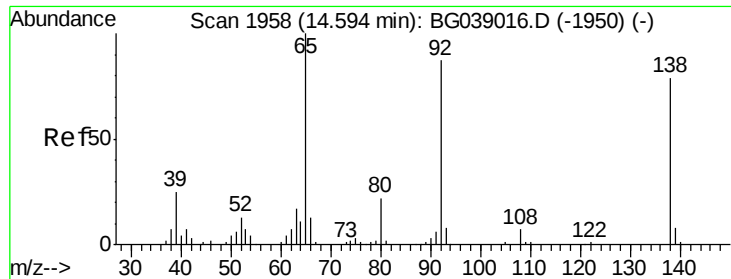
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#52
 Acenaphthene
 Concen: 45.440 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	87.9	131.9
152	55.3	42.2	63.2





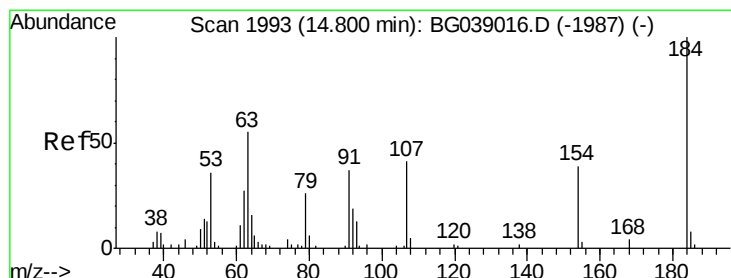
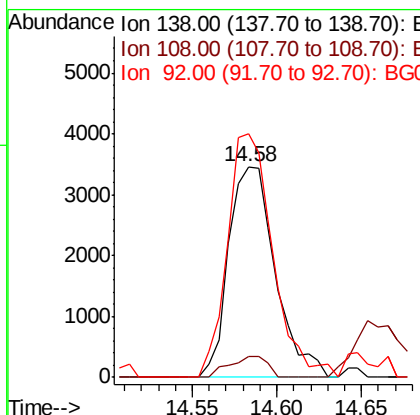
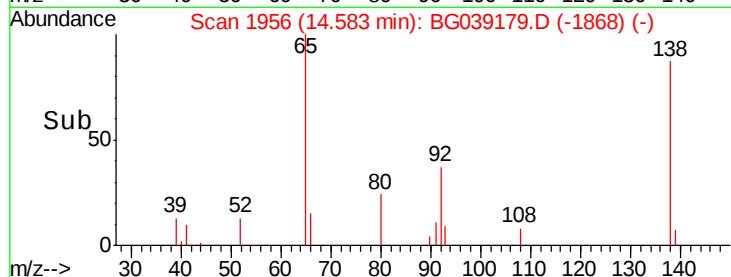
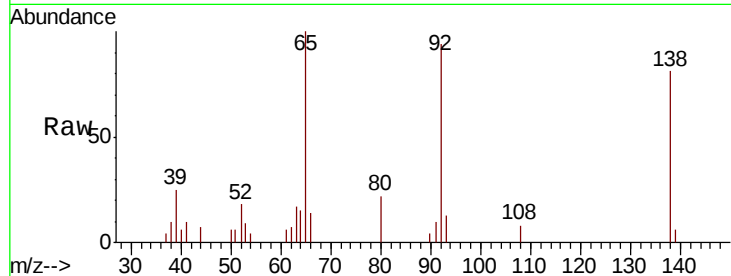
#53
3-Nitroaniline
Concen: 4.763 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.0
92	115.6	88.2	132.4

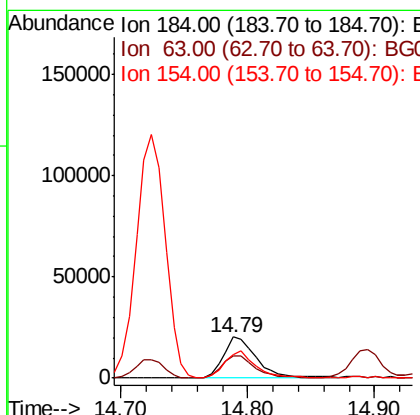
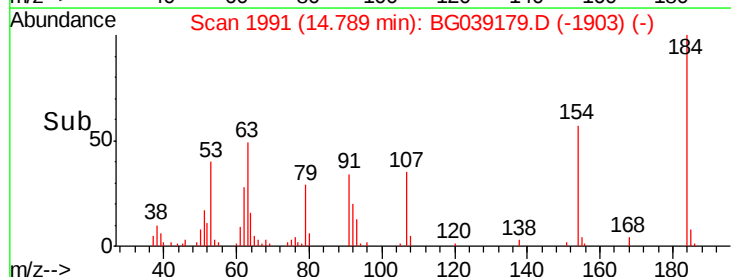
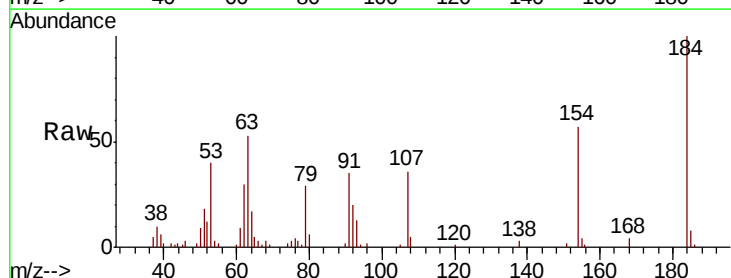
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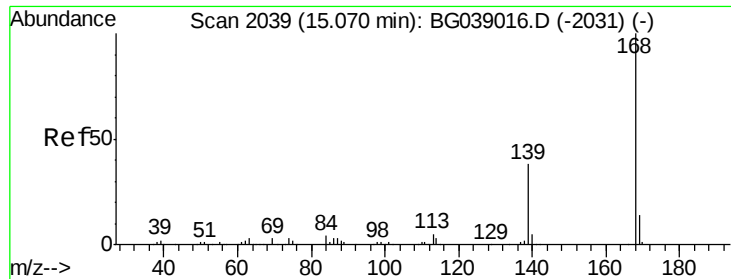
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#54
2,4-Dinitrophenol
Concen: 47.280 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.1	44.0	66.0
154	57.1	46.1	69.1





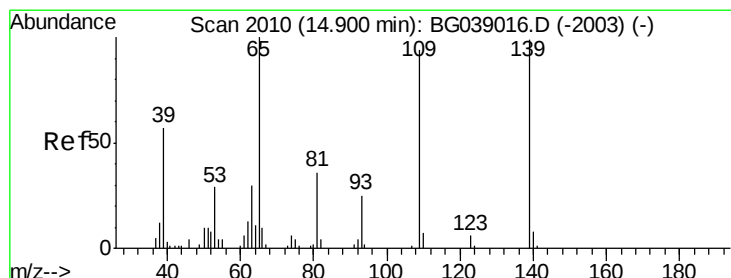
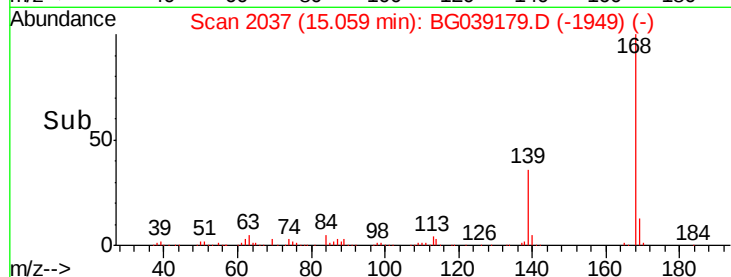
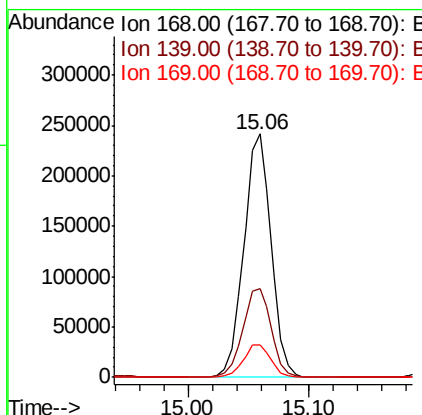
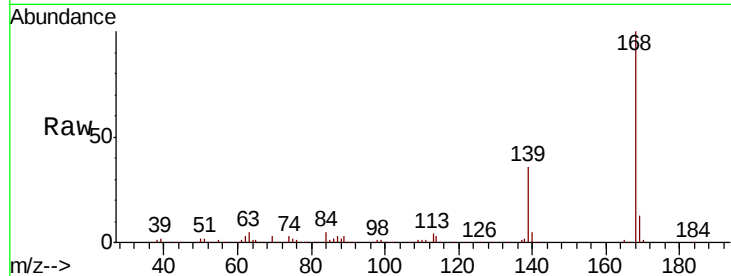
#55
Dibenzenofuran
Concen: 50.883 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.1	45.1
169	13.1	10.9	16.3

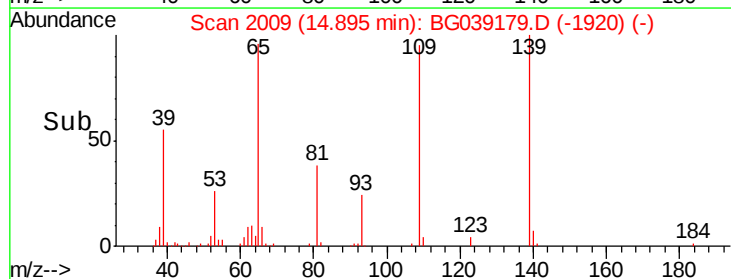
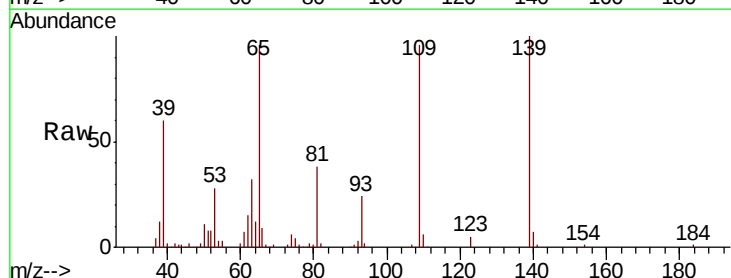
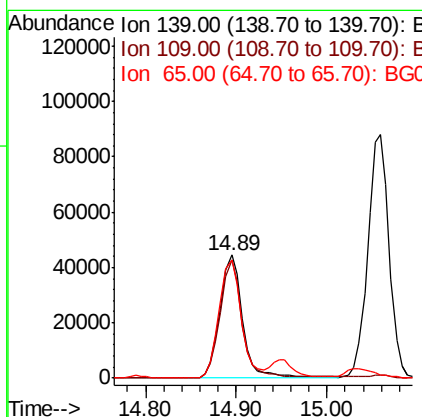
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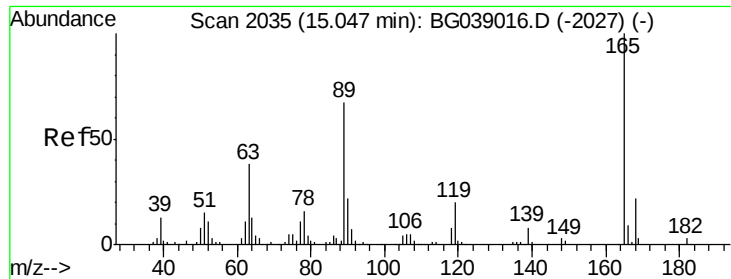
Sohil
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#56
4-Nitrophenol
Concen: 77.678 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.5	75.6	115.6
65	96.1	81.2	121.2





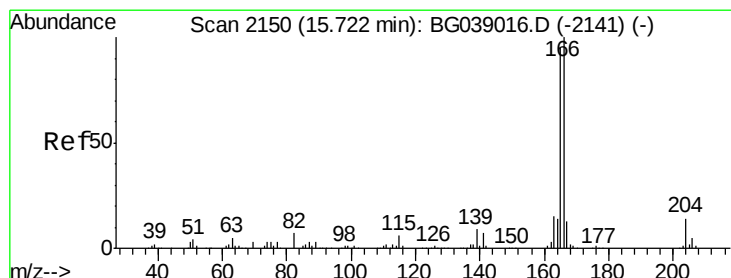
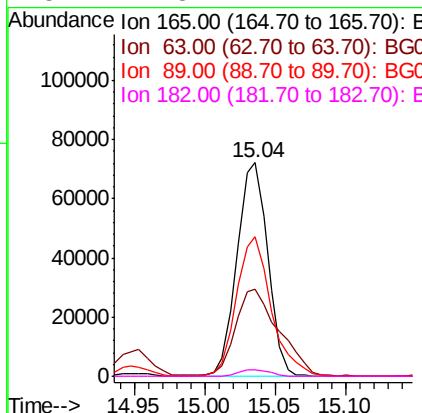
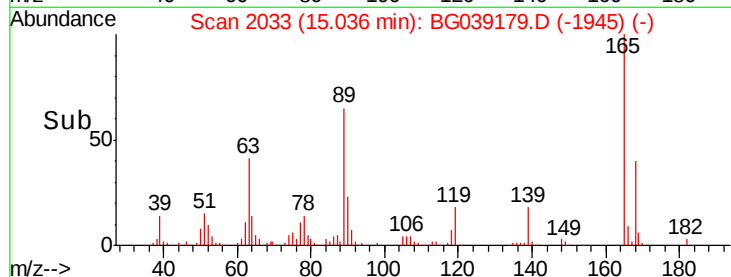
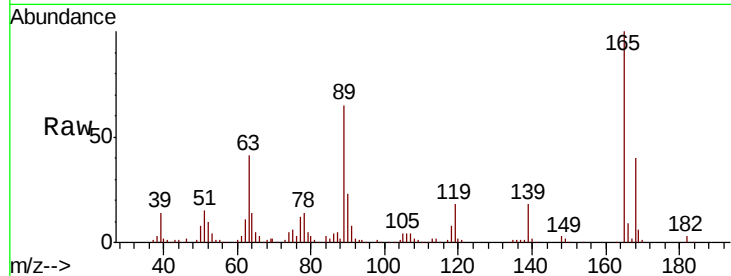
#57
2,4-Dinitrotoluene
Concen: 55.866 ng
RT: 15.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.8	30.2	45.4
89	65.3	53.2	79.8
182	2.8	2.7	4.1

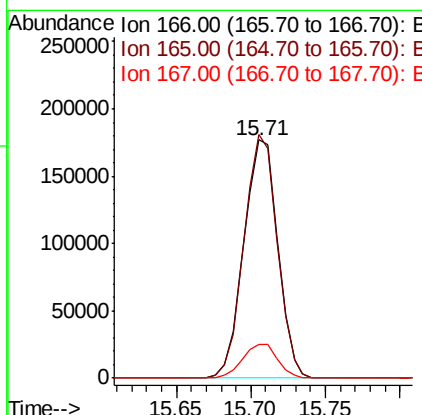
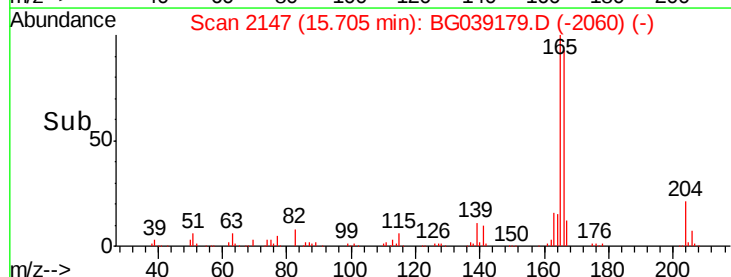
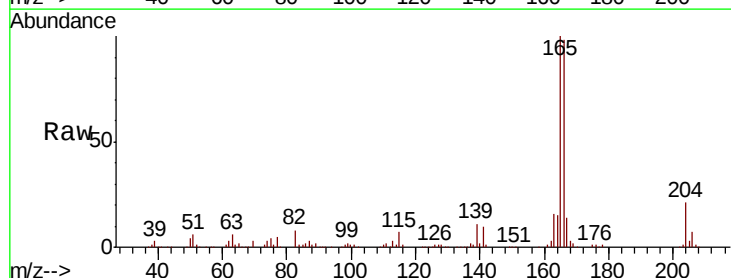
Manual Integrations
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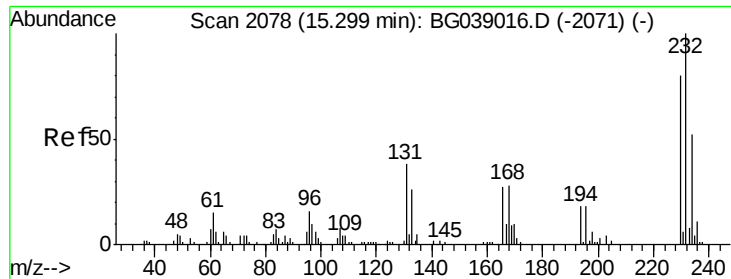
Sohil
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#58
Fluorene
Concen: 49.668 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	102.4	76.2	114.2
167	14.3	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 53.437 ng

RT: 15.29 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

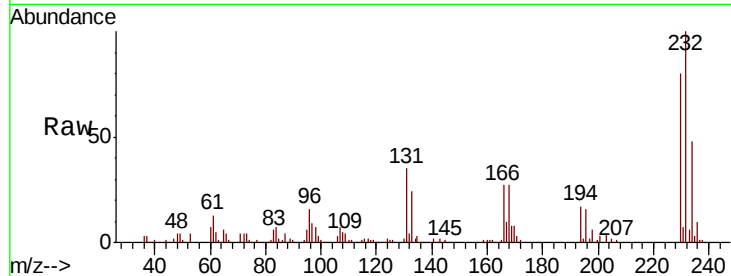
ClientSampleId :

OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.8	30.9	46.3
130	2.1	1.9	2.9
166	27.3	22.1	33.1

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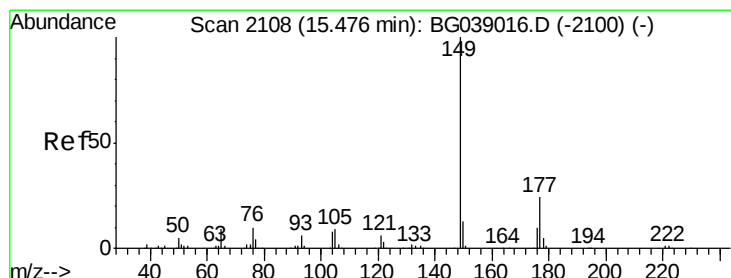
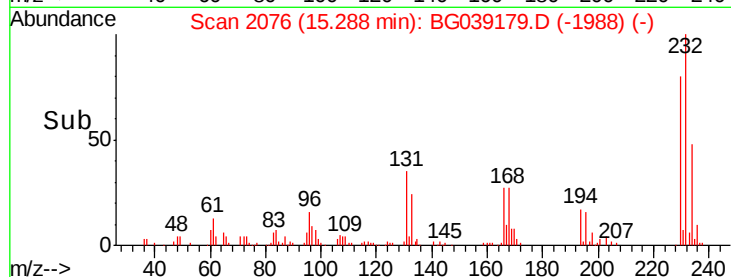
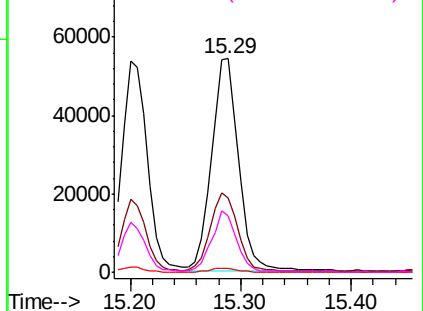
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 49.458 ng

RT: 15.46 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

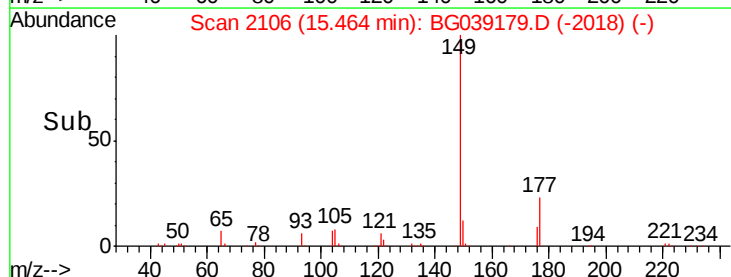
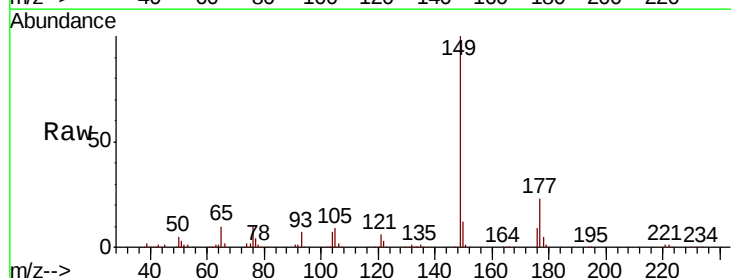
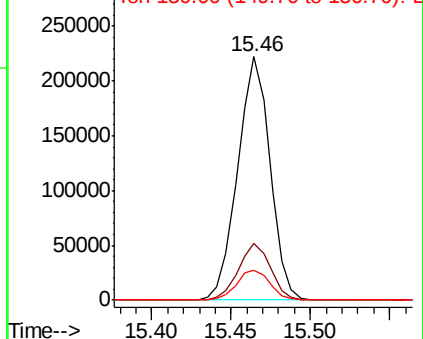
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.6
150	12.2	10.2	15.4

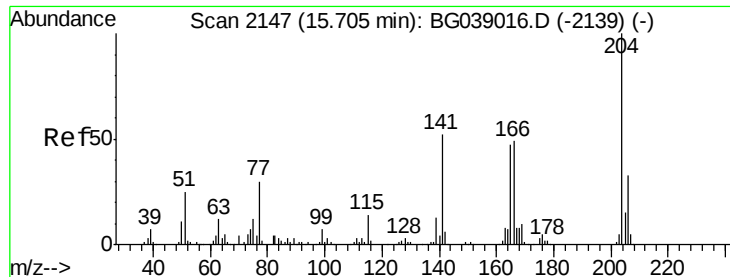
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





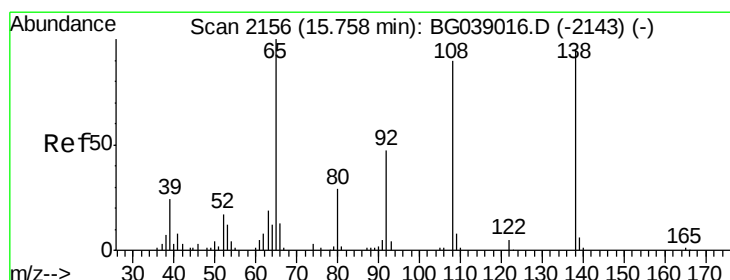
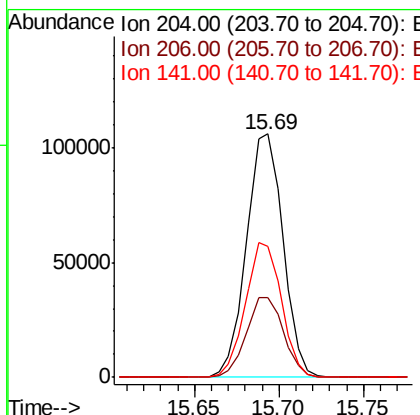
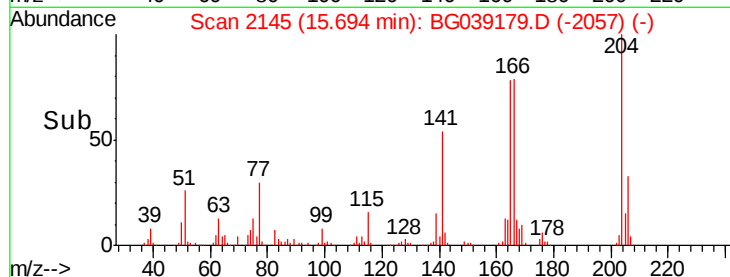
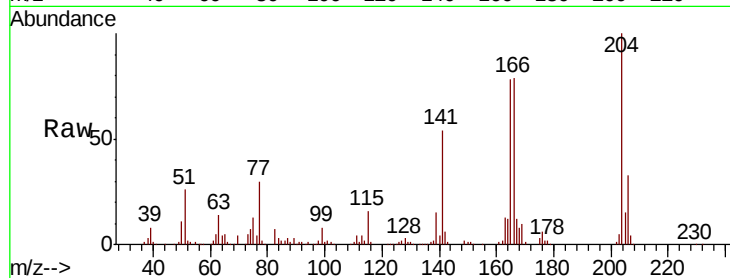
#61
4-Chlorophenyl-phenylether
Concen: 45.294 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	53.5	41.4	62.0

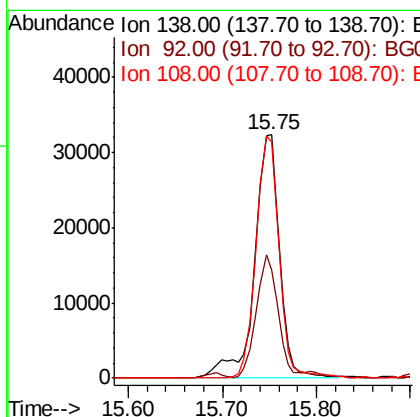
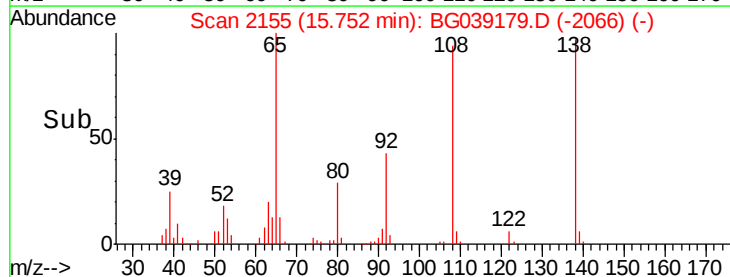
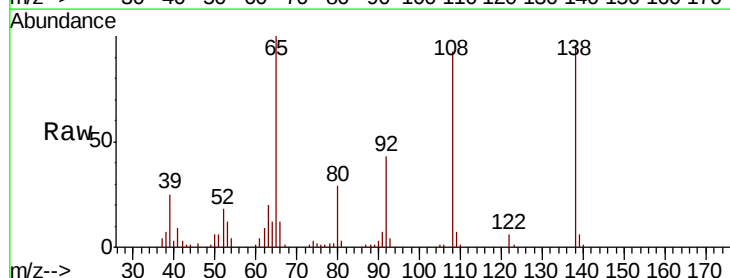
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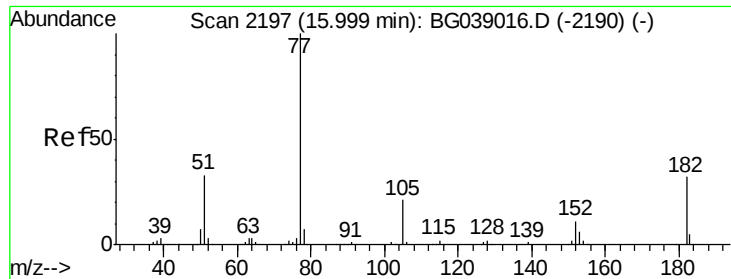
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#62
4-Nitroaniline
Concen: 41.401 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.2	29.7	69.7
108	96.8	75.7	115.7





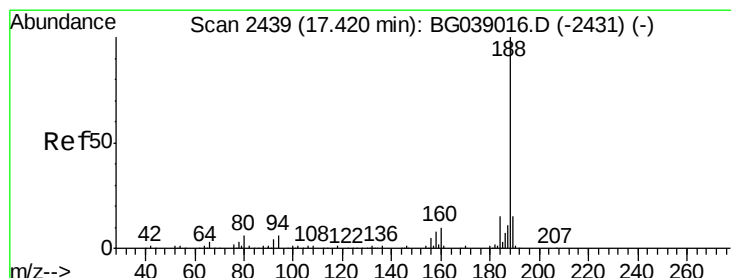
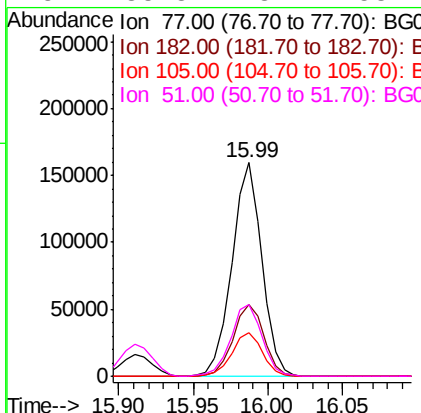
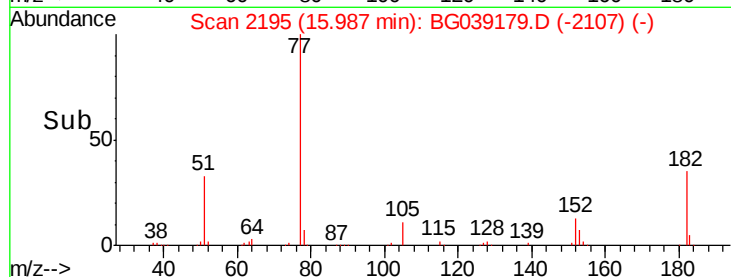
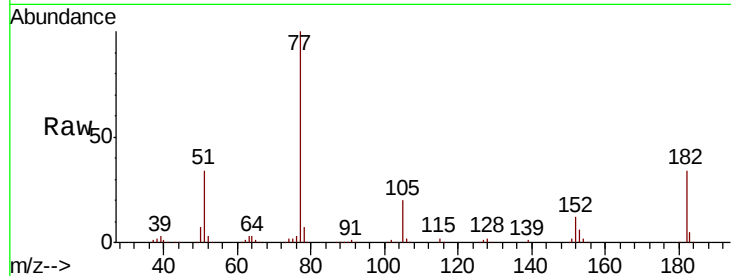
#63
Azobenzene
Concen: 44.966 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		222959		
182	33.6	12.2	52.2		
105	20.1	1.2	41.2		
51	33.8	13.4	53.4		

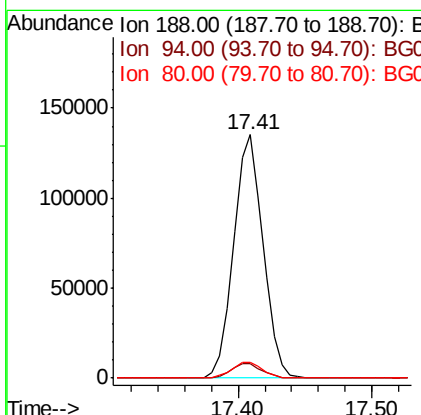
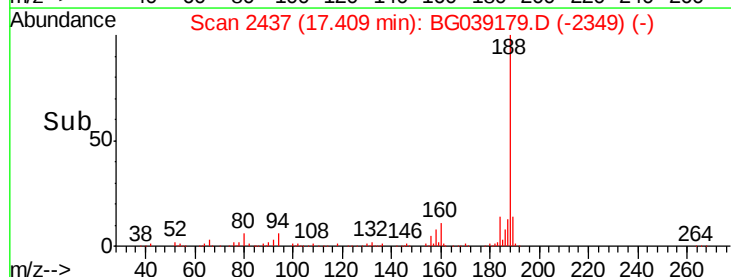
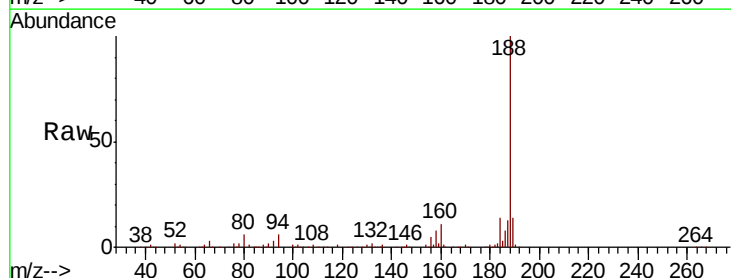
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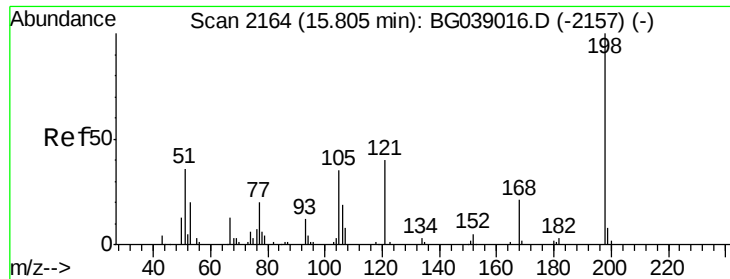
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		206184		
94	6.2	5.0	7.4		
80	6.3	4.7	7.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 29.699 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

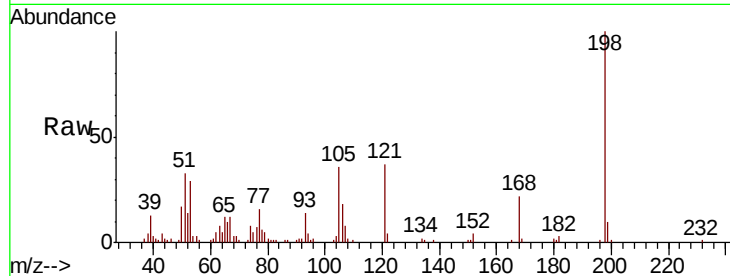
ClientSampleId :

OK-01-011519-AMSD

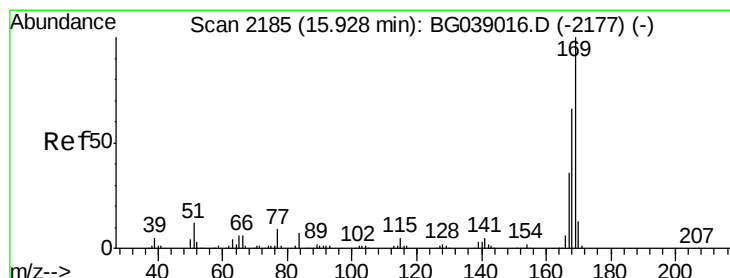
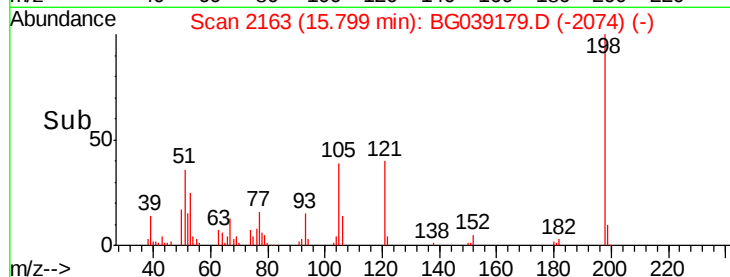
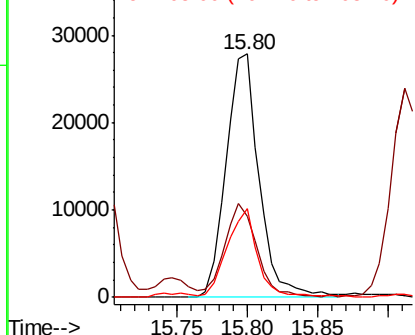
Tot Ion:	198	Resp:	45366
Ion Ratio	Lower	Upper	
198	100		
51	33.4	20.8	60.8
105	36.4	16.1	56.1

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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: 41.265 ng

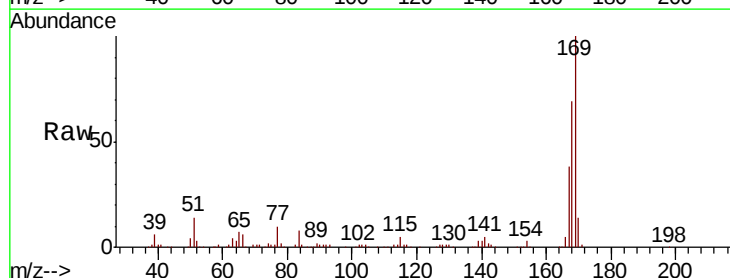
RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

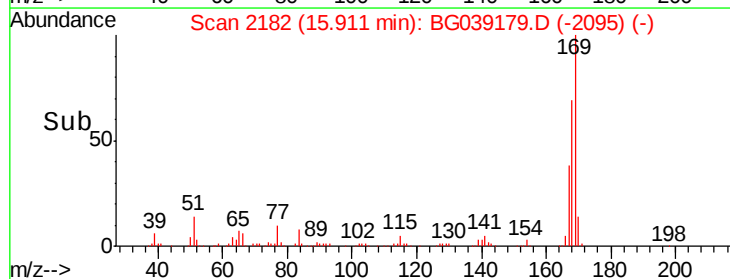
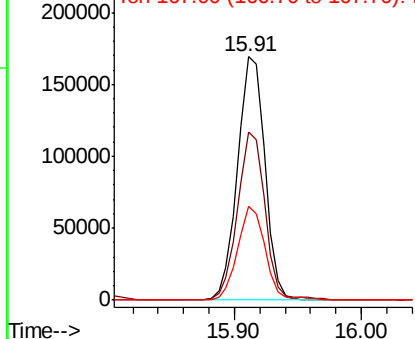
Lab File: BG039179.D

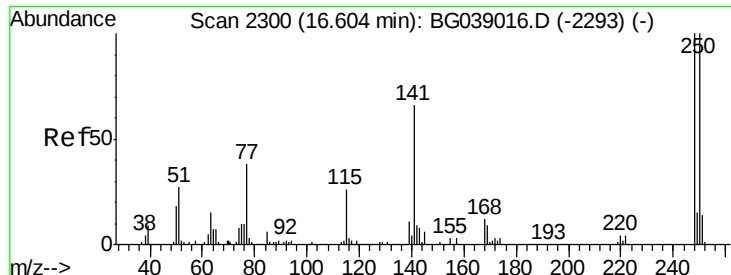
Acq: 17 Jan 2019 5:29

Tgt Ion:	169	Resp:	252226
Ion Ratio	Lower	Upper	
169	100		
168	69.1	53.2	79.8
167	38.4	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





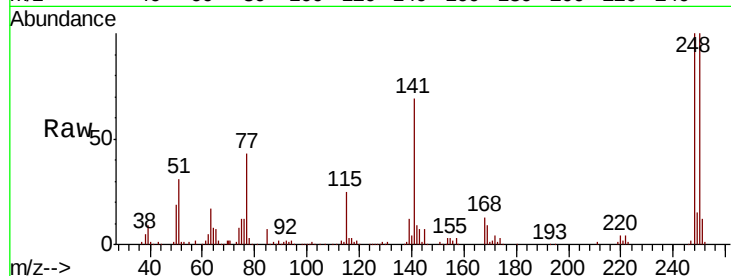
#67
4-Bromophenyl-phenylether
Concen: 44.917 ng
RT: 16.59 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	79.9	119.9
141	69.6	52.7	79.1

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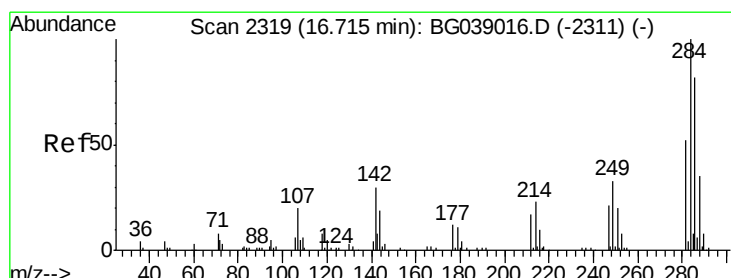
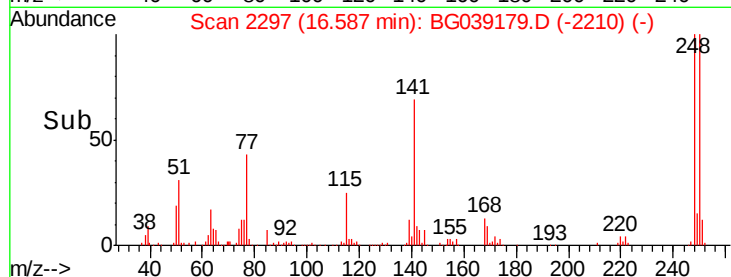
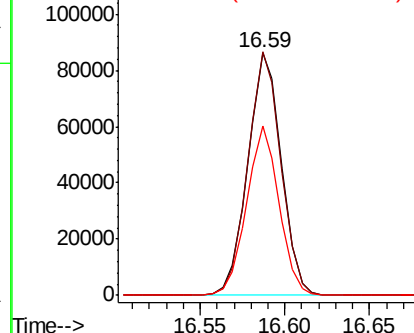


Abundance

Ion 248.00 (247.70 to 248.70): E

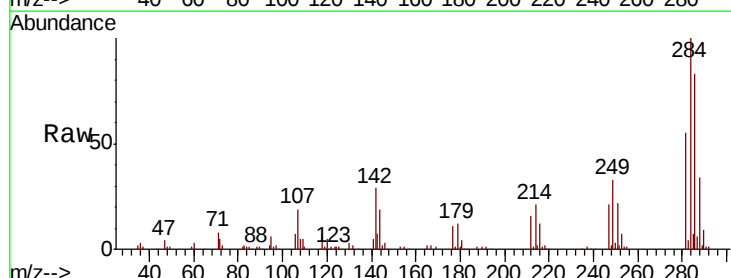
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.673 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.3	36.5
249	35.7	27.8	41.8

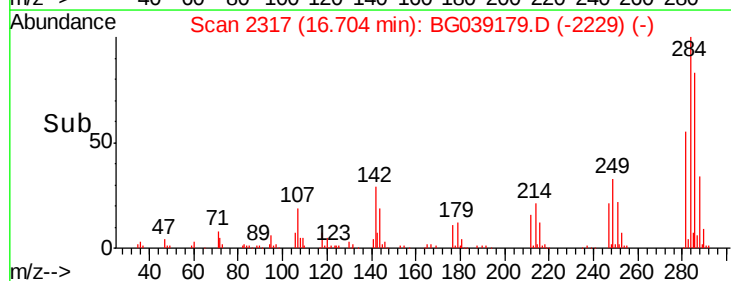
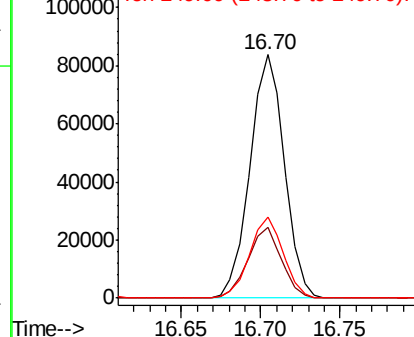


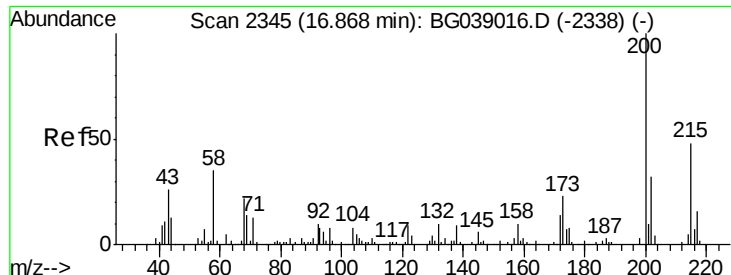
Abundance

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





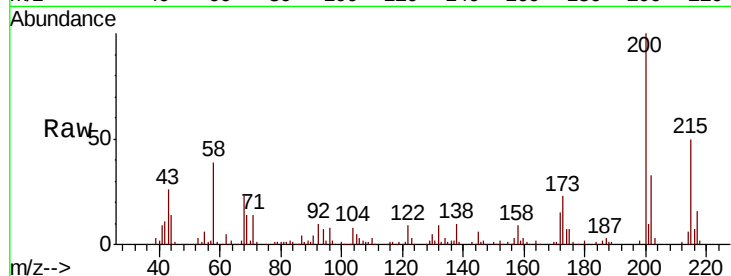
#69
Atrazine
Concen: 44.482 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

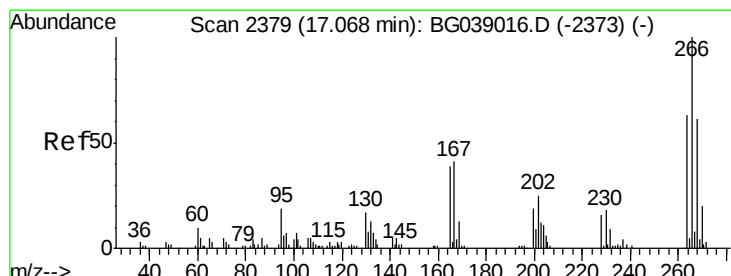
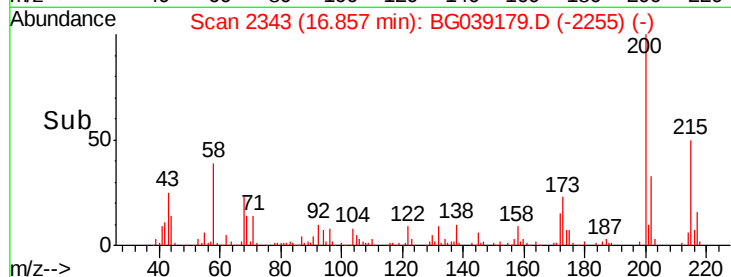
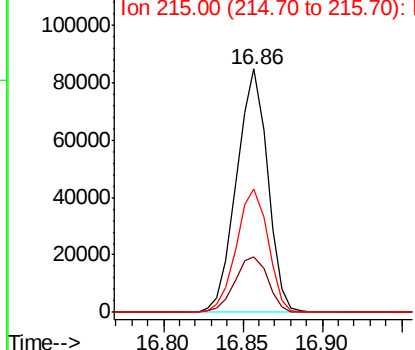
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	2.6	42.6
215	50.5	28.0	68.0

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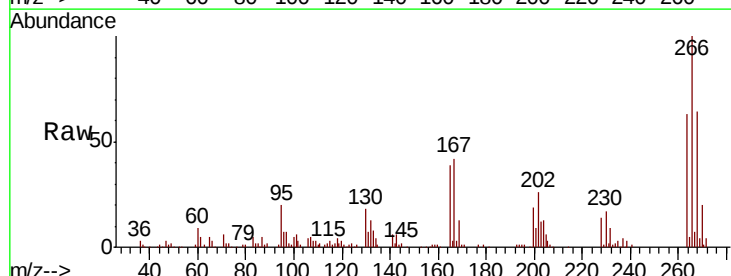


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

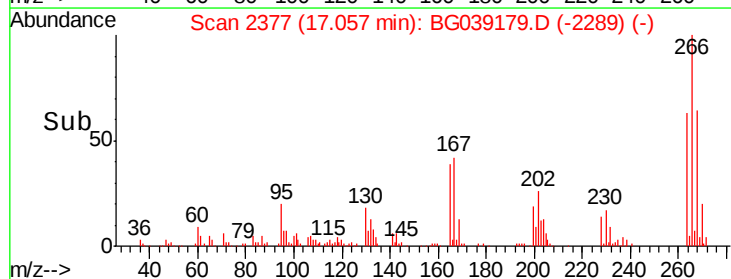
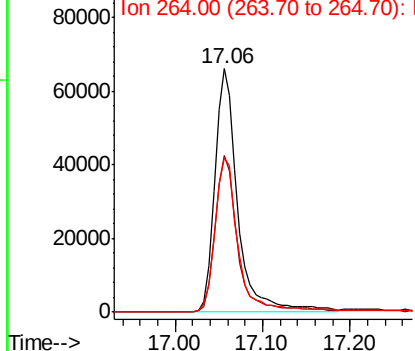


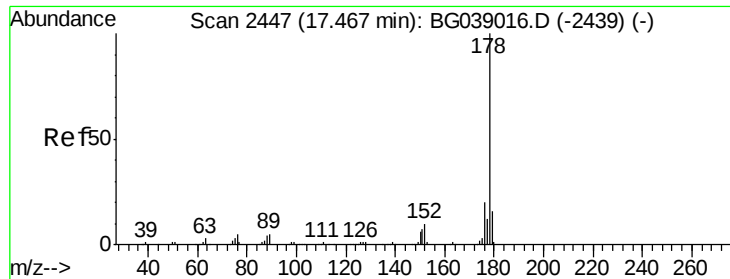
#70
Pentachlorophenol
Concen: 68.494 ng
RT: 17.06 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	52.0	78.0
264	63.3	54.6	81.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





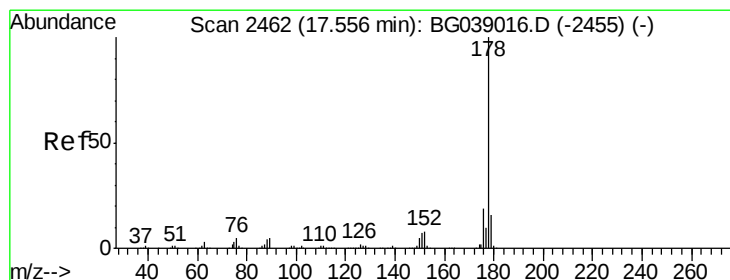
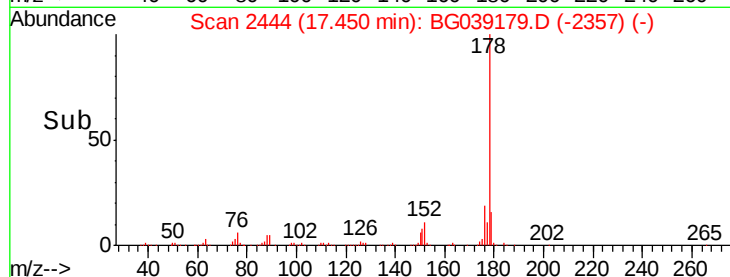
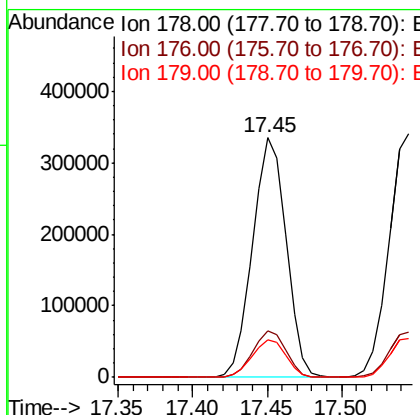
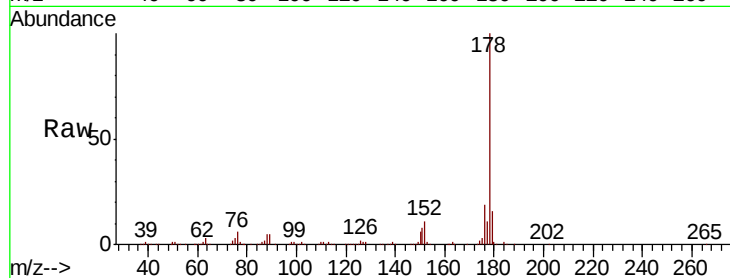
#71
Phenanthrene
Concen: 47.771 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.7	12.9	19.3

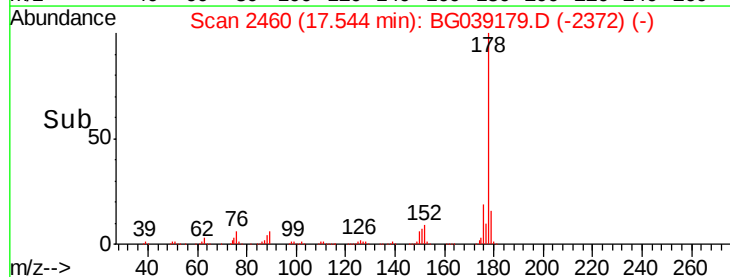
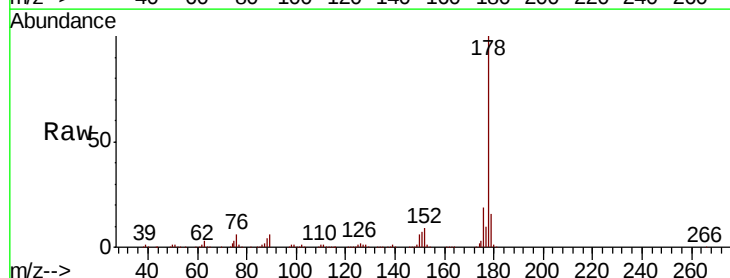
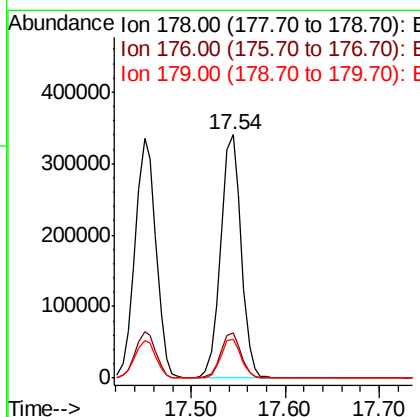
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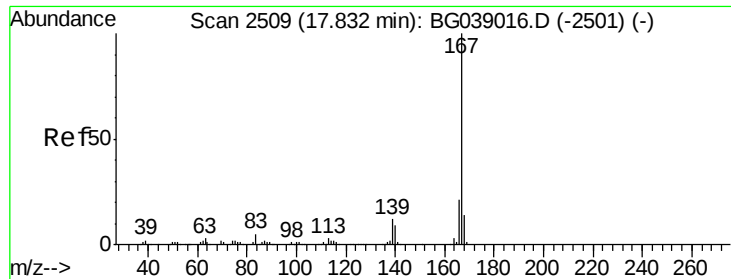
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#72
Anthracene
Concen: 47.920 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.8	13.0	19.4





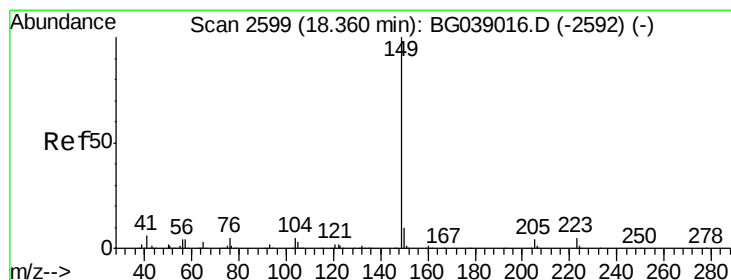
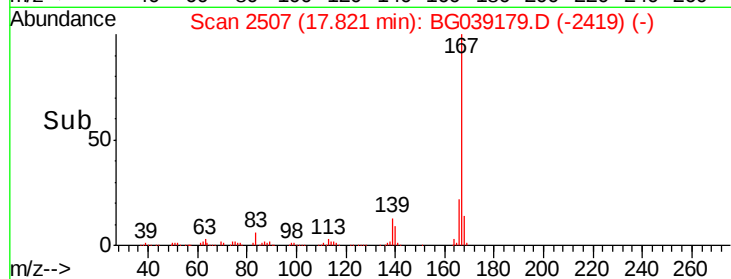
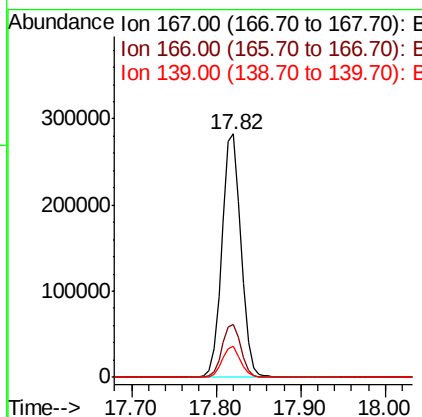
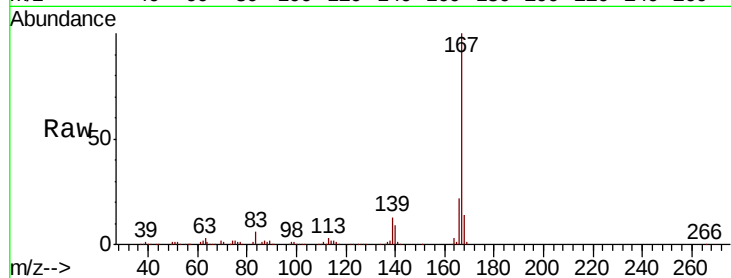
#73
 Carbazole
 Concen: 41.501 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	12.5	10.0	15.0

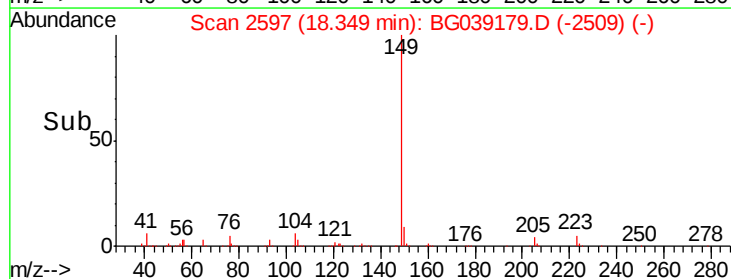
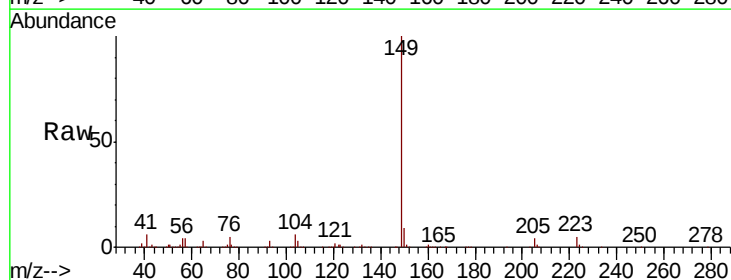
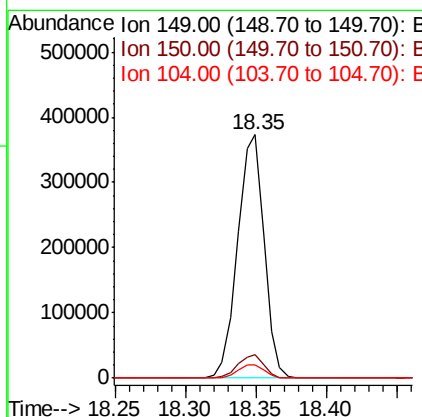
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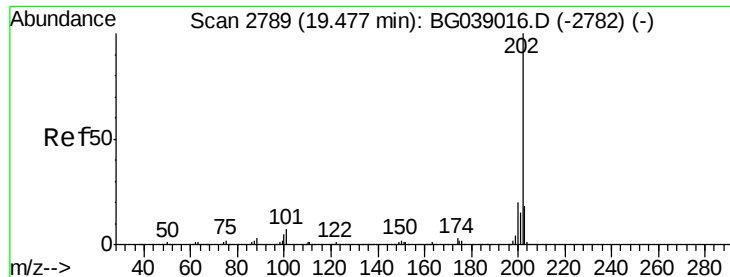
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#74
 Di-n-butylphthalate
 Concen: 41.180 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 47.472 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

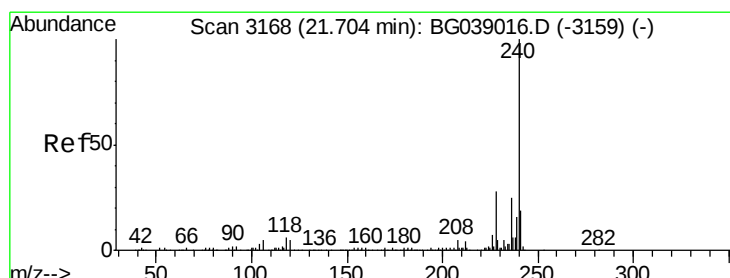
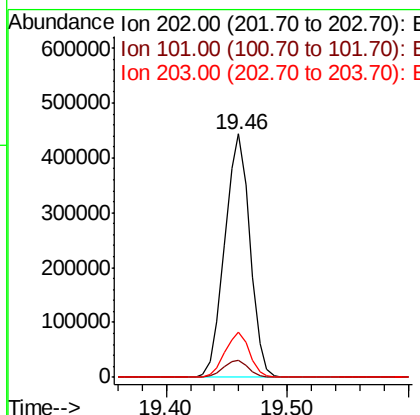
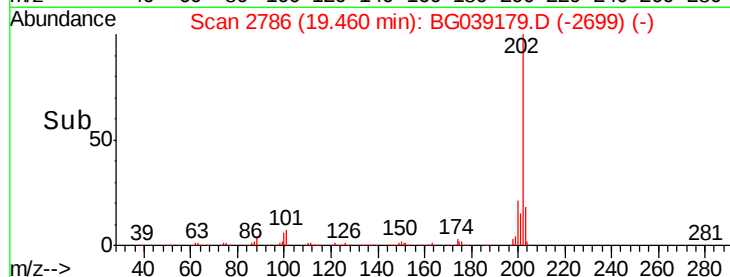
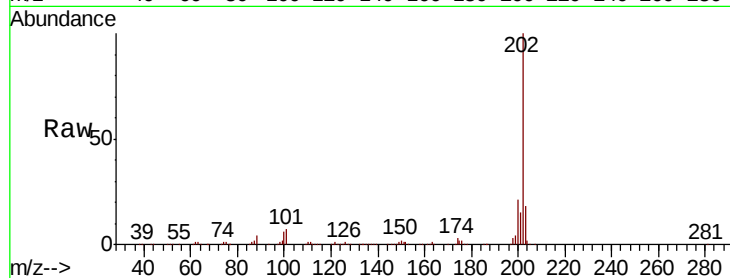
ClientSampleId :

OK-01-011519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	641367		
101	6.9	0.0	26.9	
203	18.3	0.0	38.1	

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#76

Chrysene-d12

Concen: 20.000 ng

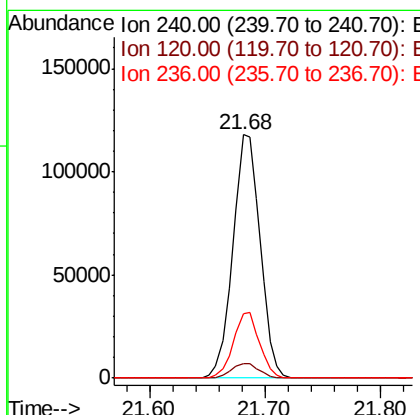
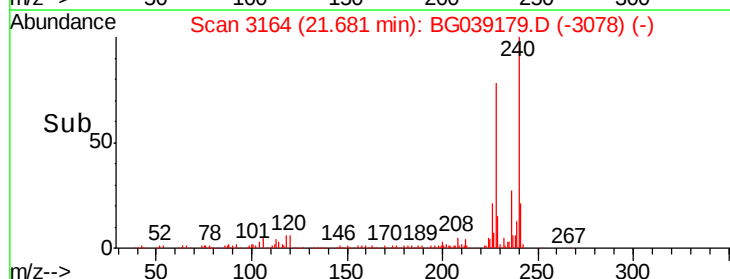
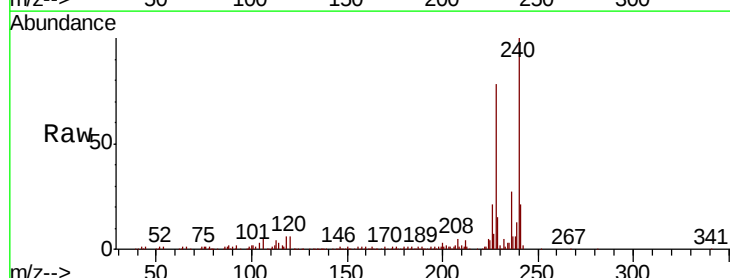
RT: 21.68 min Scan# 3164

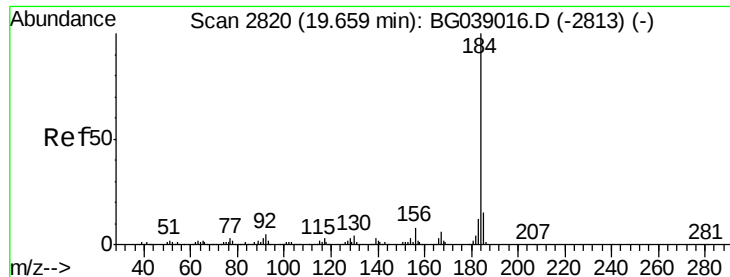
Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	192795		
120	5.9	4.3	6.5	
236	26.7	20.1	30.1	





#77

Benzidine

Concen: 9.461 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

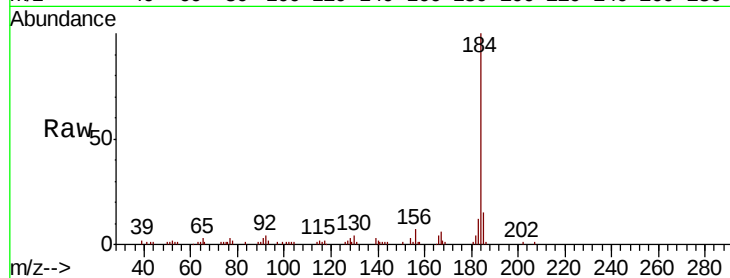
ClientSampleId :

OK-01-011519-AMSD

Tot Ion:	184	Resp:	55790
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.1	18.1
183	12.4	9.5	14.3

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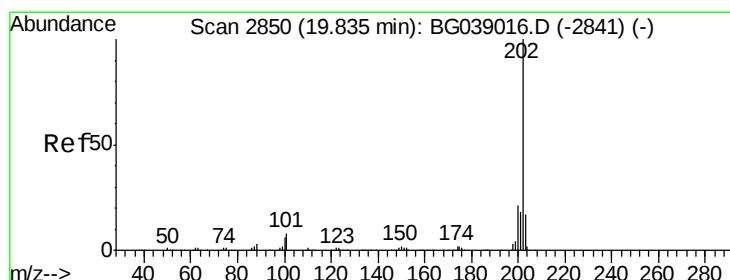
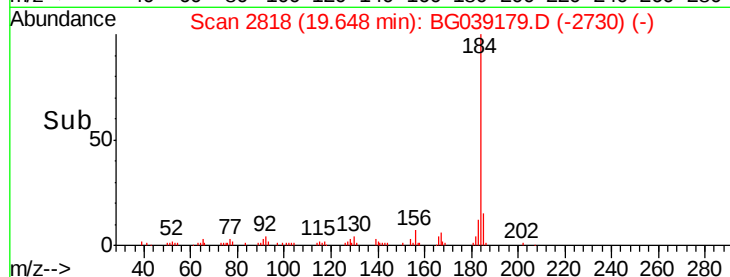
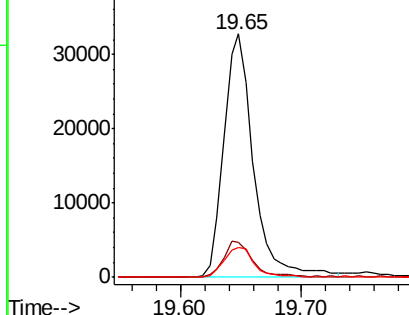


Abundance

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: 46.433 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

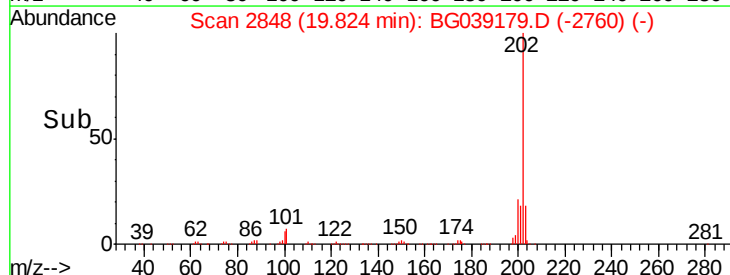
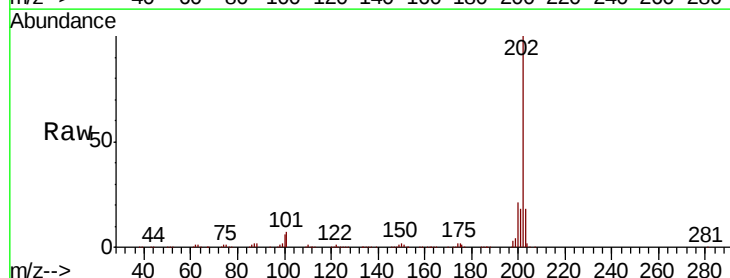
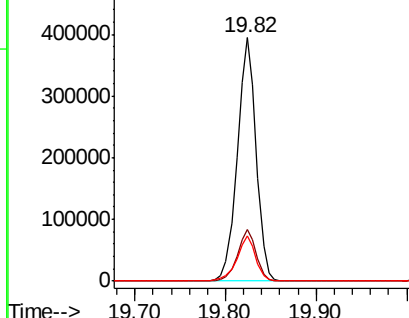
Tgt Ion:	202	Resp:	570504
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.6
203	18.4	14.0	21.0

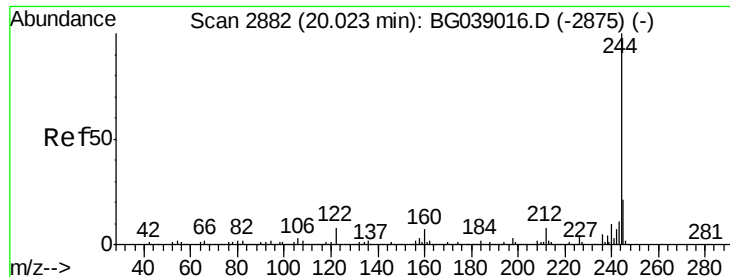
Abundance

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: 85.046 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

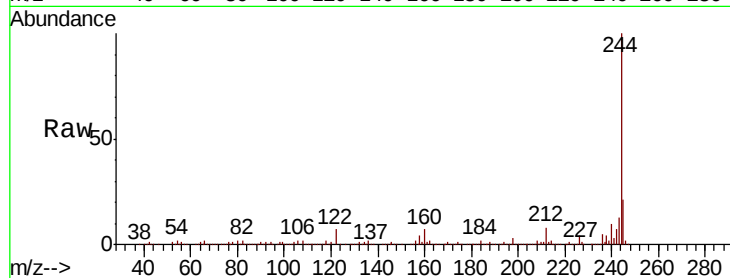
ClientSampleId :

OK-01-011519-AMSD

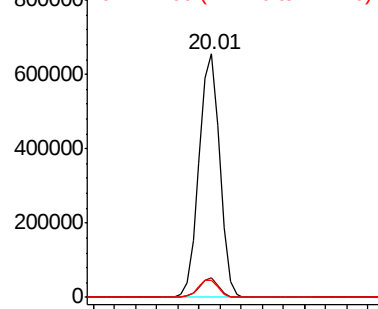
Tot Ion:	244	Resp:	886347
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.1	9.1
122	7.0	6.1	9.1

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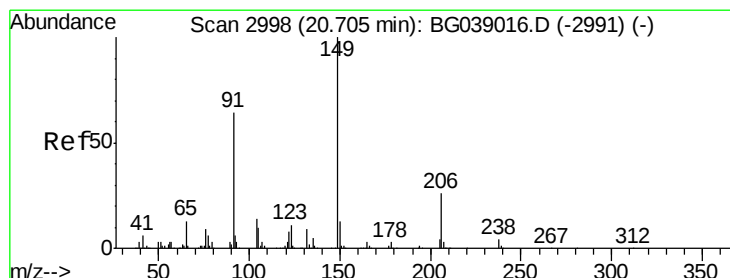
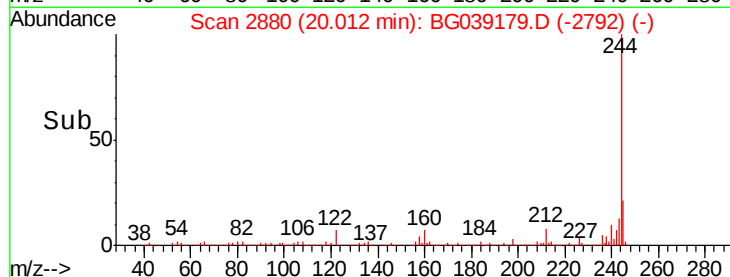
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10



#80

Butylbenzylphthalate

Concen: 46.198 ng

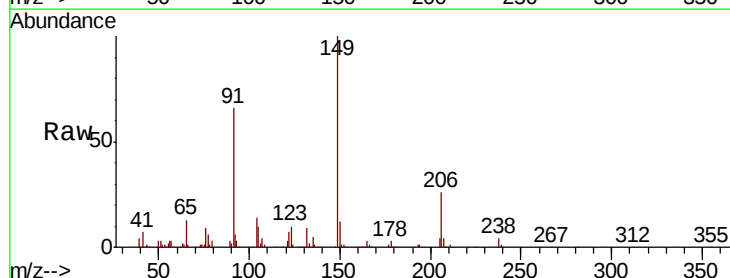
RT: 20.69 min Scan# 2995

Delta R.T. -0.02 min

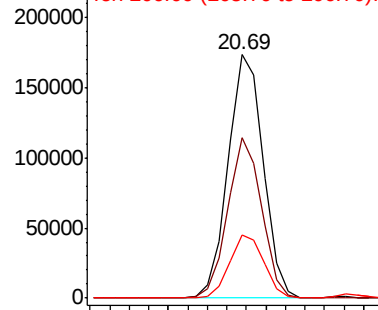
Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

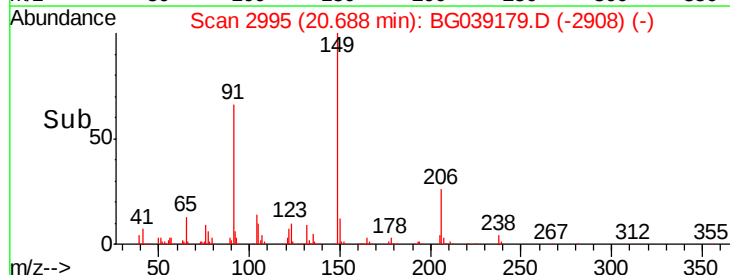
Tgt Ion:	149	Resp:	215884
Ion Ratio		Lower	Upper
149	100		
91	65.8	51.4	77.0
206	25.8	20.4	30.6

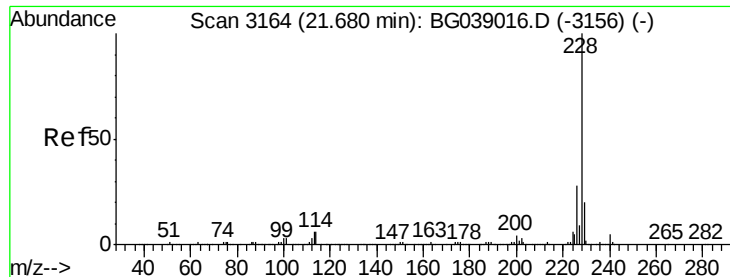


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



Time--> 20.65 20.70





#81

Benzo(a)anthracene

Concen: 48.773 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

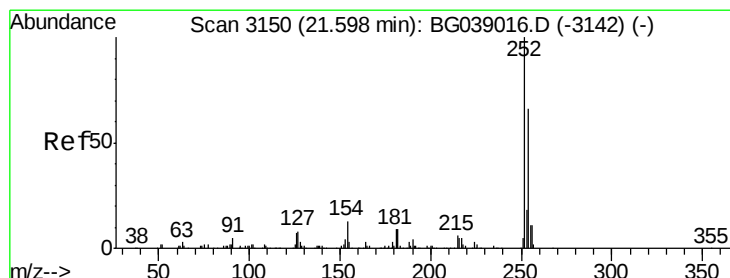
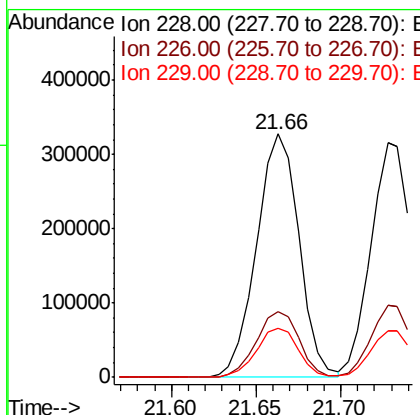
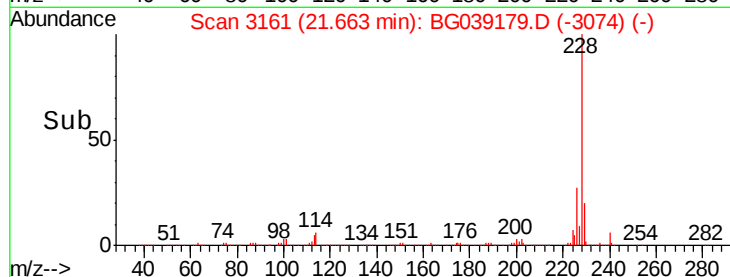
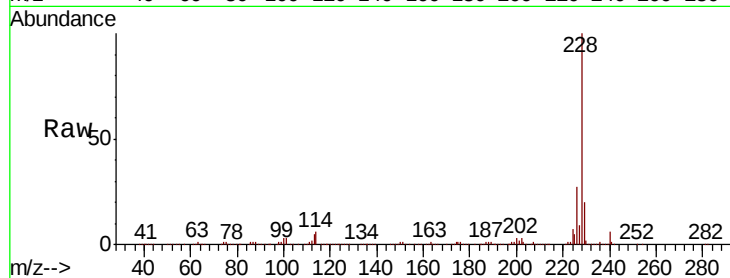
ClientSampleId :

OK-01-011519-AMSD

Tot Ion:	228	Resp:	572412
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.4	33.6
229	20.1	16.2	24.2

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#82

3,3'-Dichlorobenzidine

Concen: 11.829 ng

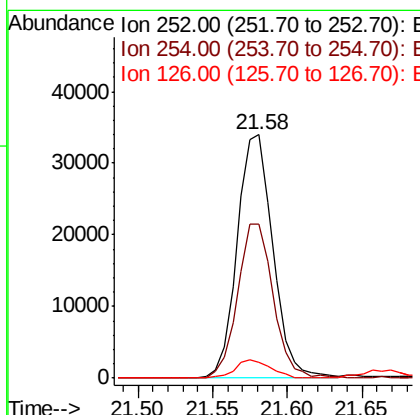
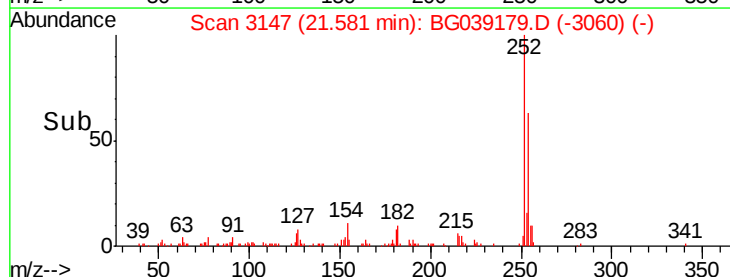
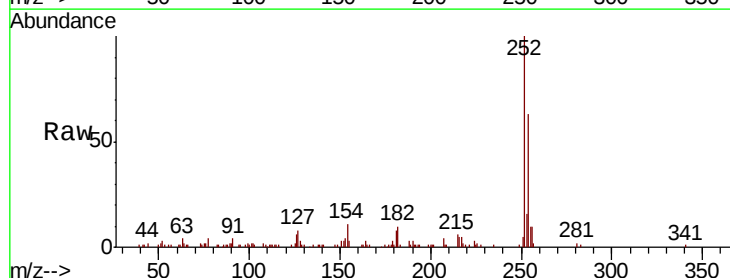
RT: 21.58 min Scan# 3147

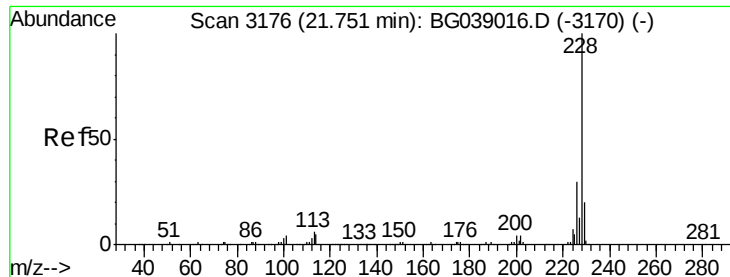
Delta R.T. -0.02 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	252	Resp:	56565
Ion Ratio	Lower	Upper	
252	100		
254	63.3	53.0	79.6
126	6.4	6.0	9.0





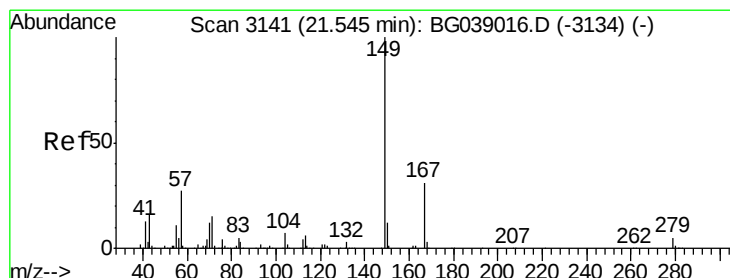
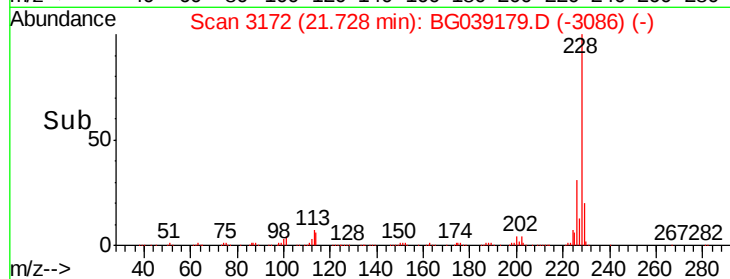
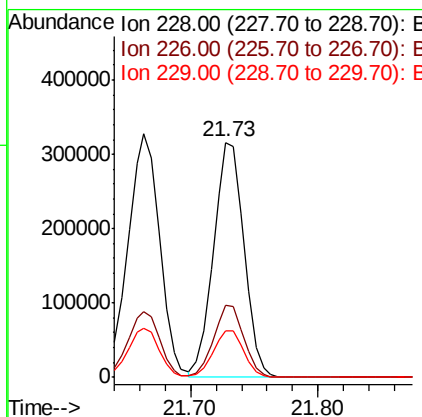
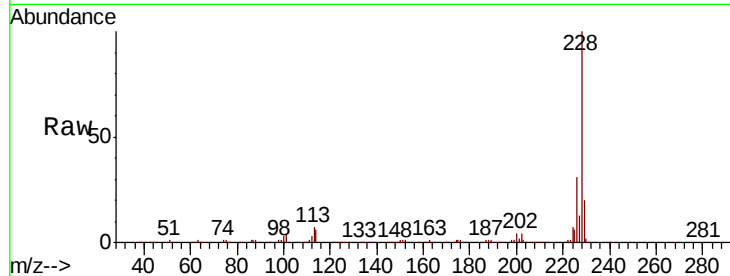
#83
 Chrysene
 Concen: 47.274 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	20.0	16.0	24.0

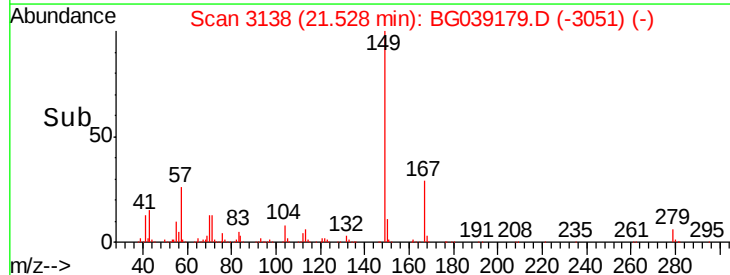
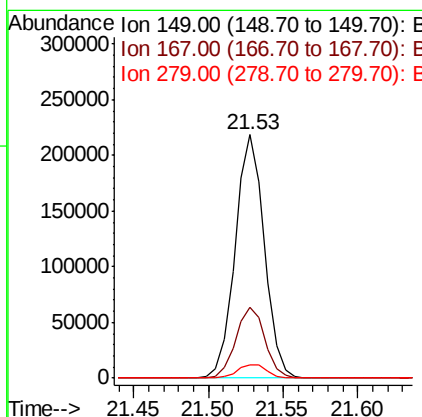
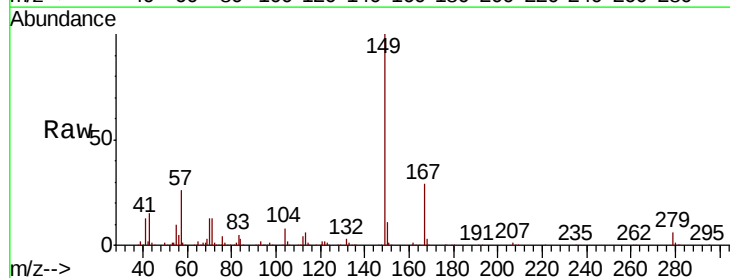
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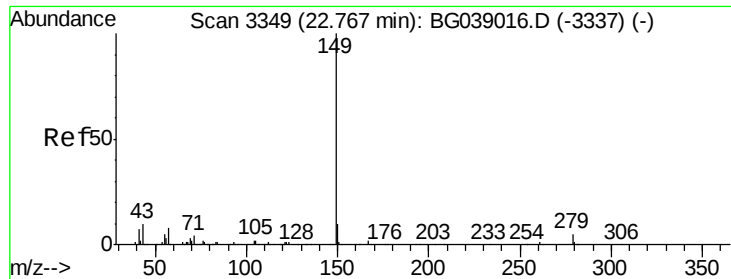
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.583 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG039179.D
 Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	25.0	37.4
279	5.7	4.3	6.5





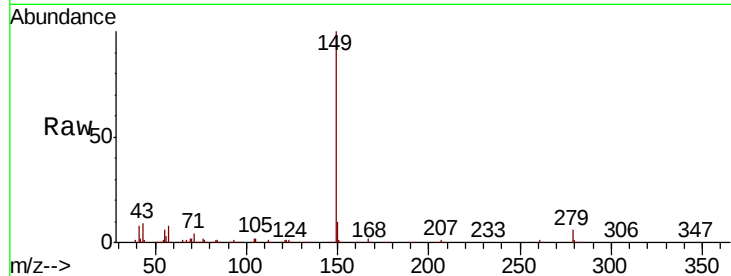
#85
Di-n-octyl phthalate
Concen: 45.909 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.02 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

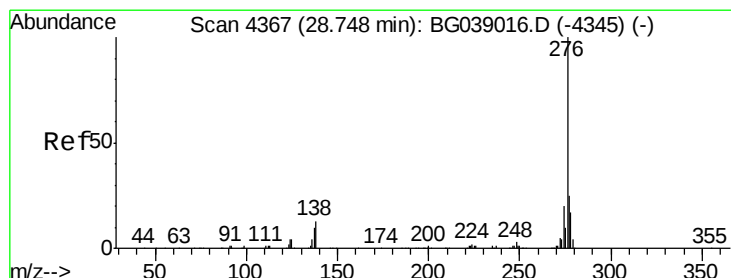
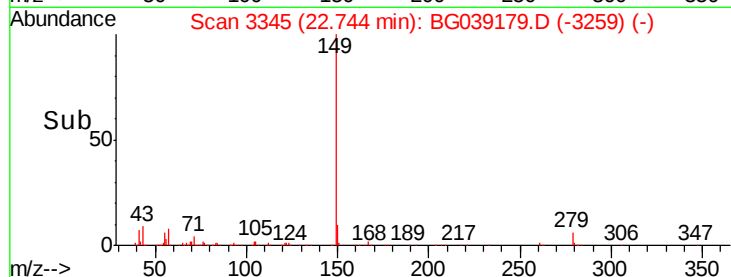
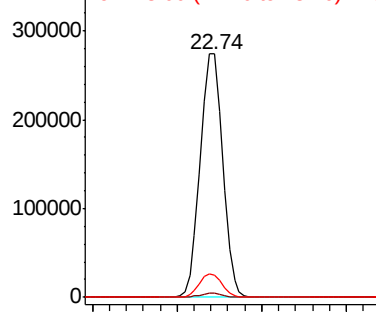
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7		1.3	1.9
43	9.8		7.5	11.3

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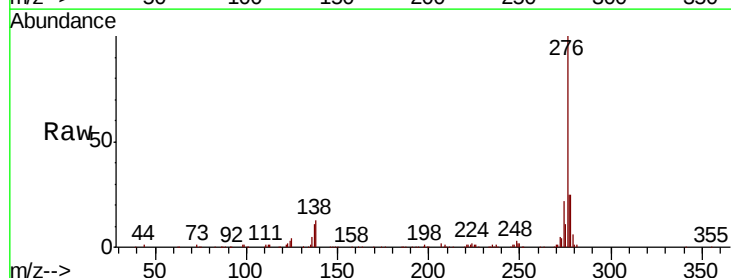


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

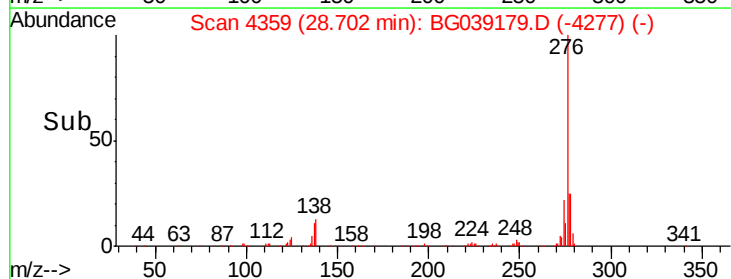
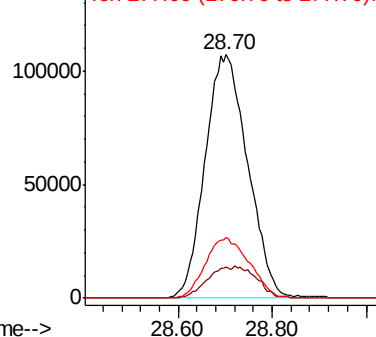


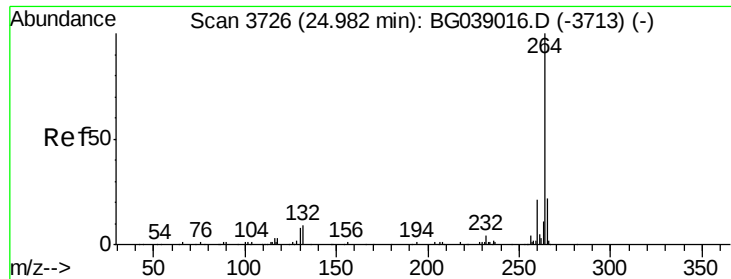
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.560 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.05 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	7.5		8.0	12.0#
277	25.5		20.3	30.5



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





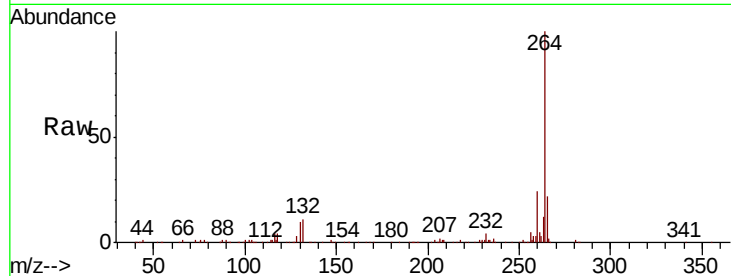
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.0	25.6
265	21.7	17.2	25.8

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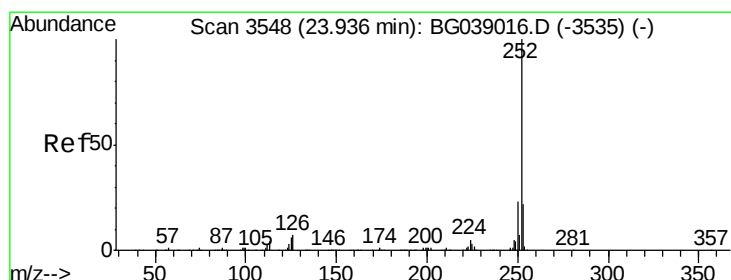
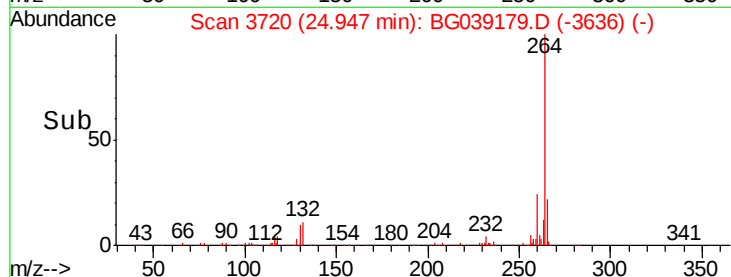
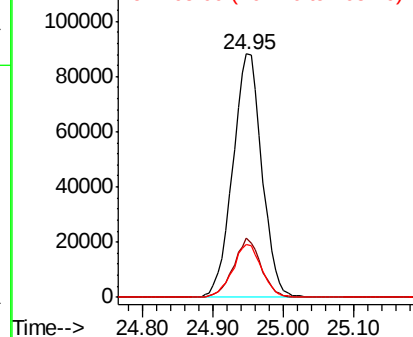


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.030 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.03 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

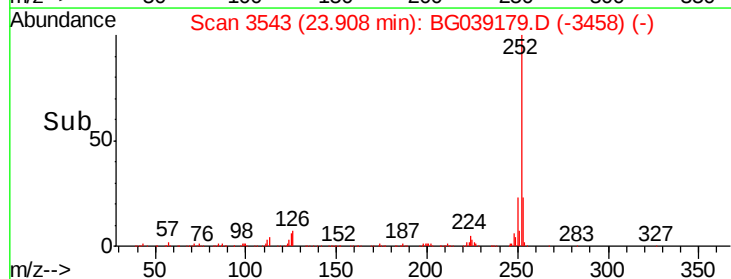
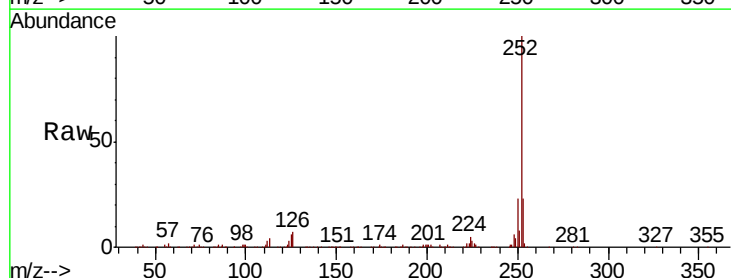
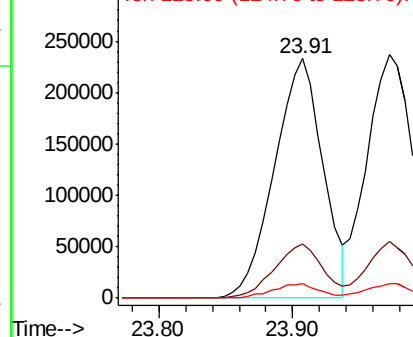
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.9	4.9	7.3

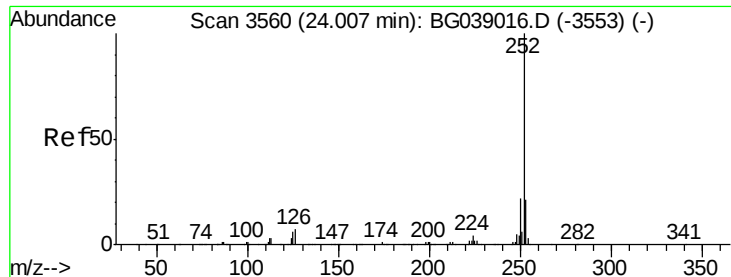
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





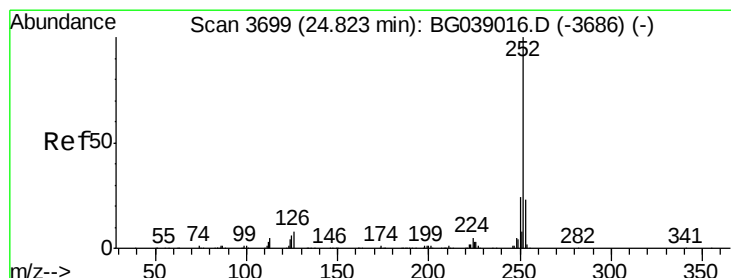
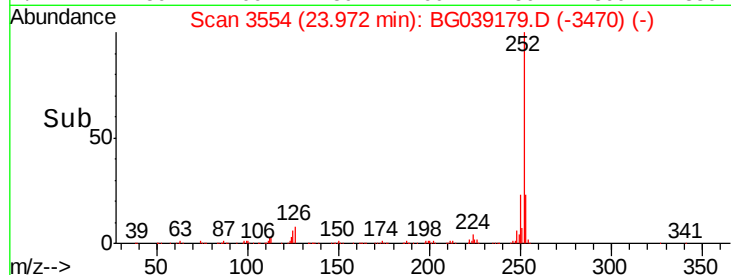
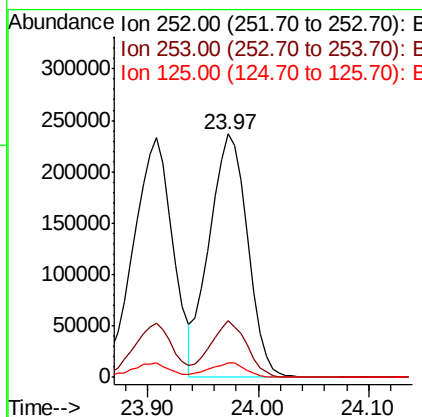
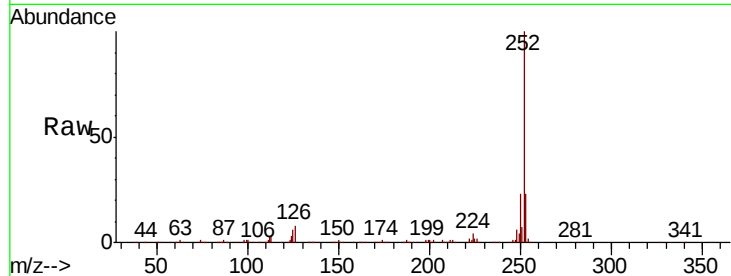
#89
Benzo(k)fluoranthene
Concen: 41.193 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.03 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	5.8	4.6	7.0

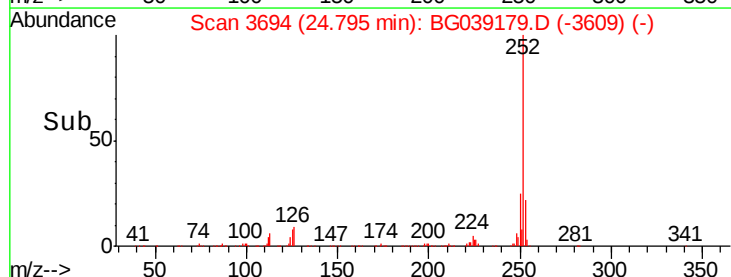
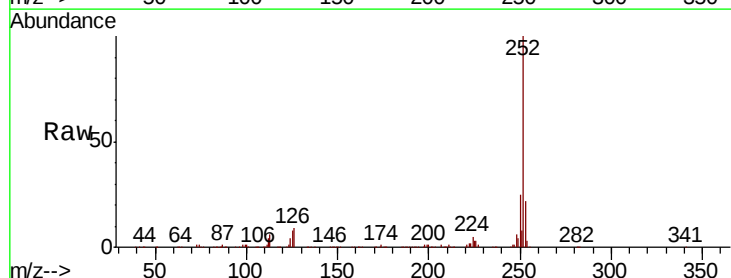
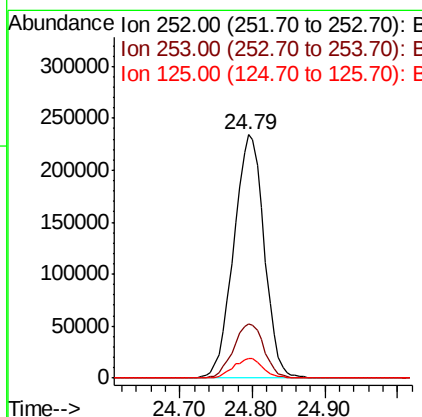
Manual Integrations
APPROVED

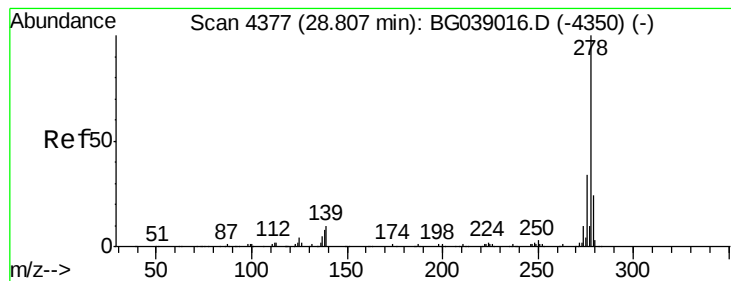
Sohil
1/17/2019 2:09:23 PM



#90
Benzo(a)pyrene
Concen: 50.694 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.03 min
Lab File: BG039179.D
Acq: 17 Jan 2019 5:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	8.1	4.9	7.3#





#91

Dibenzo(a,h)anthracene

Concen: 41.660 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.05 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Instrument :

BNA_G

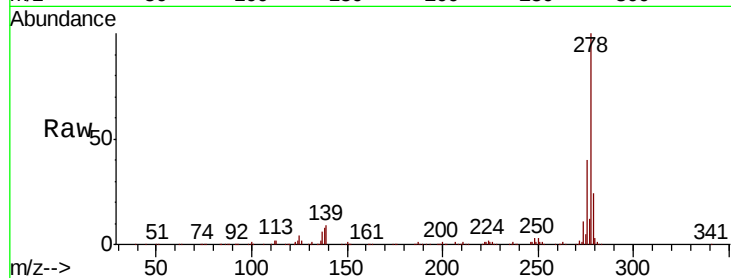
ClientSampleId :

OK-01-011519-AMSD

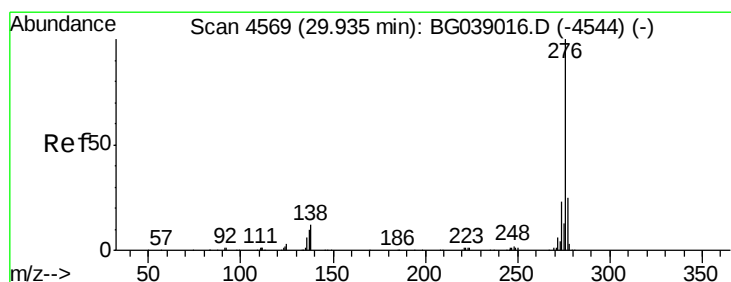
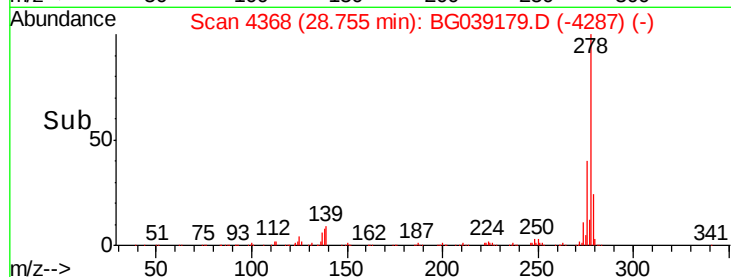
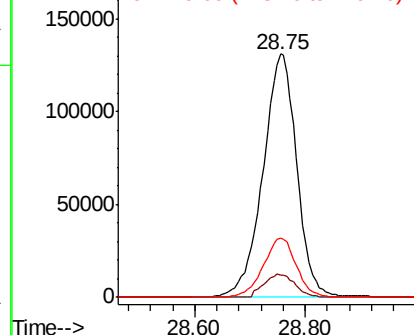
Tot Ion:	278	Resp:	557459
Ion Ratio	Lower	Upper	
278	100		
139	9.0	7.9	11.9
279	24.2	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/17/2019 2:09:23 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.293 ng

RT: 29.89 min Scan# 4561

Delta R.T. -0.05 min

Lab File: BG039179.D

Acq: 17 Jan 2019 5:29

Tgt Ion:	276	Resp:	547025
Ion Ratio	Lower	Upper	
276	100		
277	23.7	20.3	30.5
138	11.8	9.4	14.2

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

