

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039997.D
 Acq On : 19 Mar 2019 9:04
 Operator : JU/SJ
 Sample : K1687-08MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Manual Integrations
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 3/20/2019 6:52:24 PM

Quant Time: Mar 19 11:34:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43207	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	172275	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	110523	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	269277	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279401	20.00	ng	-0.02
87) Perylene-d12	25.17	264	284634	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	330709	130.58	ng	-0.02
7) Phenol-d6	7.30	99	433532	114.80	ng	-0.02
23) Nitrobenzene-d5	9.32	82	311296	97.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	193886	150.51	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	722481	93.07	ng	-0.02
79) Terphenyl-d14	20.11	244	1163111	91.66	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39945	34.163	ng	# 18
3) Pyridine	4.00	79	102172	32.640	ng	98
4) n-Nitrosodimethylamine	3.91	42	63719	42.909	ng	# 95
6) Aniline	7.47	93	35009	7.076	ng	96
8) 2-Chlorophenol	7.71	128	129649	42.196	ng	97
9) Benzaldehyde	7.29	77	50852	20.876	ng	99
10) Phenol	7.33	94	150332	36.747	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	134203	42.075	ng	100
12) 1,3-Dichlorobenzene	8.03	146	149123	42.913	ng	95
13) 1,4-Dichlorobenzene	8.18	146	149892	42.347	ng	99
14) 1,2-Dichlorobenzene	8.50	146	142912	41.788	ng	98
15) Benzyl Alcohol	8.38	79	126734	42.307	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	268320	42.061	ng	99
17) 2-Methylphenol	8.58	107	112354	43.072	ng	99
18) Hexachloroethane	9.22	117	53612	42.212	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	107335	39.489	ng	96
20) 3+4-Methylphenols	8.91	107	151333	41.760	ng	97
22) Acetophenone	8.98	105	201431	43.564	ng	# 98
24) Nitrobenzene	9.37	77	163966	49.068	ng	98
25) Isophorone	9.88	82	301875	45.230	ng	99
26) 2-Nitrophenol	10.08	139	77749	48.189	ng	94
27) 2,4-Dimethylphenol	10.12	122	135170	53.868	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	182866	45.086	ng	97
29) 2,4-Dichlorophenol	10.61	162	143024	50.625	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	150140	47.228	ng	97
31) Naphthalene	11.02	128	420973	46.153	ng	100
32) Benzoic acid	10.24	122	37262	25.253	ng	99
33) 4-Chloroaniline	11.13	127	7118	1.840	ng	# 90
34) Hexachlorobutadiene	11.27	225	101949	46.929	ng	96
35) Caprolactam	11.92	113	35215m	32.631	ng	
36) 4-Chloro-3-methylphenol	12.23	107	153149	47.289	ng	98
37) 2-Methylnaphthalene	12.61	142	312177	45.778	ng	97
38) 1-Methylnaphthalene	12.83	142	297030	44.821	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	176955	47.261	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	211150	105.230	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	116555	53.171	nq	100
44) 2,4,5-Trichlorophenol	13.28	196	125125	50.640	nq	97
46) 1,1'-Biphenyl	13.61	154	415986	45.761	nq	100
47) 2-Chloronaphthalene	13.66	162	322413	47.146	nq	98
48) 2-Nitroaniline	13.86	65	112745	51.301	nq	96
49) Acenaphthylene	14.50	152	517048	46.057	nq	100
50) Dimethylphthalate	14.22	163	424046	45.883	nq	99
51) 2,6-Dinitrotoluene	14.35	165	95058	48.518	nq	96
52) Acenaphthene	14.83	154	312361	46.229	nq	99
53) 3-Nitroaniline	14.69	138	10420	5.291	nq	# 97
54) 2,4-Dinitrophenol	14.89	184	25644	24.648	nq	96
55) Dibenzofuran	15.17	168	514151	46.379	nq	98
56) 4-Nitrophenol	14.99	139	136866	77.686	nq	94
57) 2,4-Dinitrotoluene	15.13	165	137479	49.939	nq	91
58) Fluorene	15.82	166	402704	46.208	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	121551	50.371	nq	99
60) Diethylphthalate	15.57	149	433270	47.358	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	217207	46.706	nq	99
62) 4-Nitroaniline	15.85	138	93354	43.724	nq	98
63) Azobenzene	16.09	77	398987	48.111	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	36380	22.850	nq	95
66) n-Nitrosodiphenylamine	16.02	169	372896	47.834	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	141710	47.015	nq	96
68) Hexachlorobenzene	16.81	284	145295	46.504	nq	98
69) Atrazine	16.96	200	148708	48.470	nq	96
70) Pentachlorophenol	17.16	266	121097	61.372	nq	97
71) Phenanthrene	17.56	178	682765	46.033	nq	99
72) Anthracene	17.65	178	692407	47.905	nq	100
73) Carbazole	17.92	167	623572	47.856	nq	98
74) Di-n-butylphthalate	18.45	149	747377	48.750	nq	100
75) Fluoranthene	19.56	202	827318	47.197	nq	99
77) Benzidine	19.74	184	63992	7.218	nq	96
78) Pyrene	19.92	202	846412	46.620	nq	100
80) Butylbenzylphthalate	20.78	149	356118	50.628	nq	98
81) Benzo(a)anthracene	21.78	228	805862	46.021	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	66125	10.343	nq	94
83) Chrysene	21.85	228	776889	45.763	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	494813	50.060	nq	100
85) Di-n-octyl phthalate	22.89	149	838151	51.212	nq	97
86) Indeno(1,2,3-cd)pyrene	29.03	276	896002	46.524	nq	# 93
88) Benzo(b)fluoranthene	24.09	252	799206	47.086	nq	99
89) Benzo(k)fluoranthene	24.16	252	786590	49.785	nq	99
90) Benzo(a)pyrene	25.01	252	789557	50.341	nq	98
91) Dibenzo(a,h)anthracene	29.10	278	719649	46.803	nq	98
92) Benzo(g,h,i)perylene	30.26	276	727138	47.086	nq	95

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

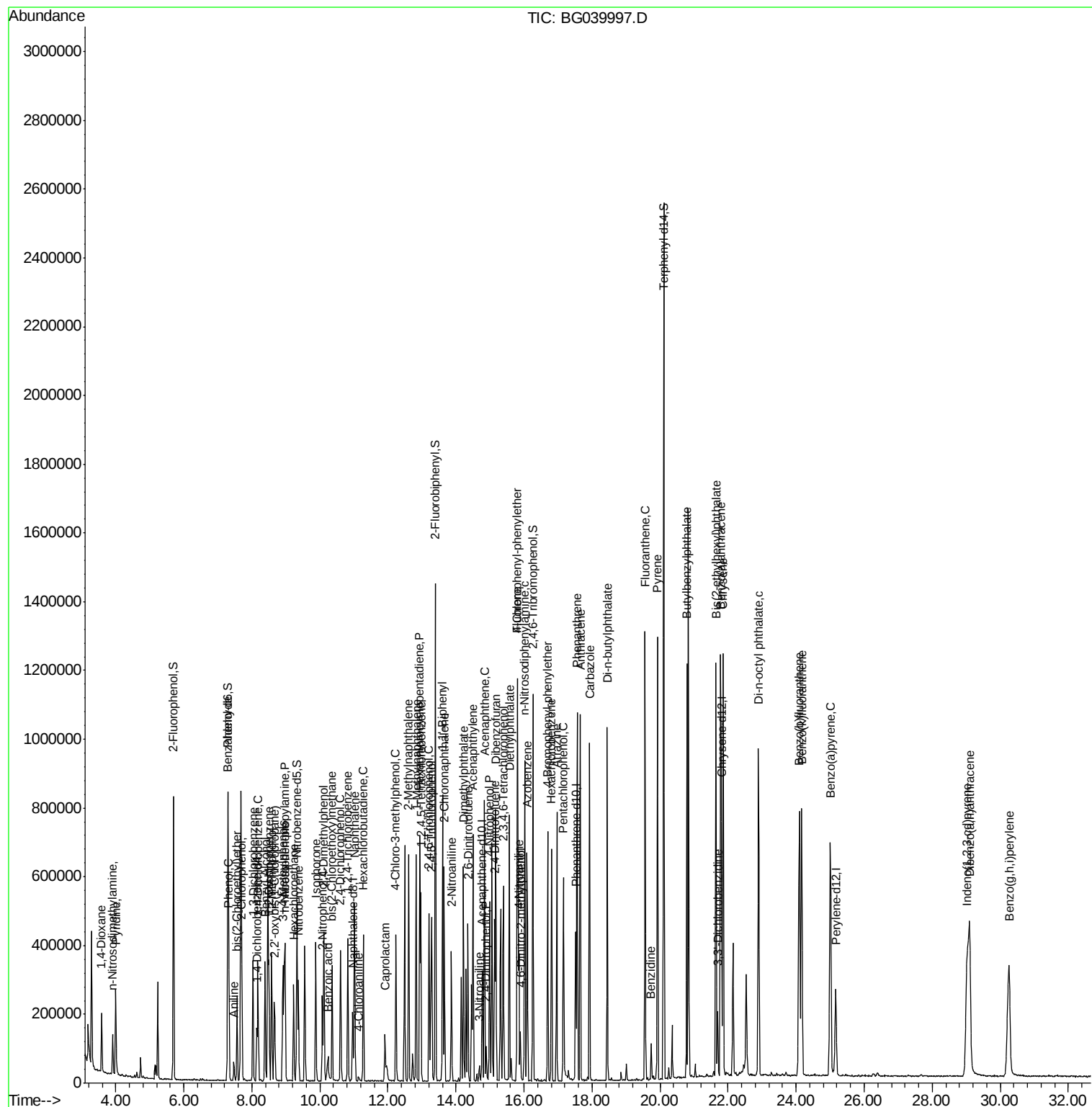
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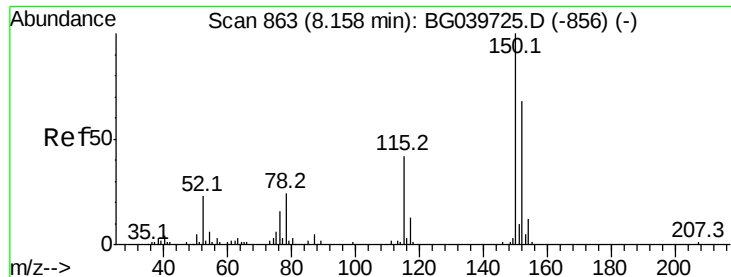
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

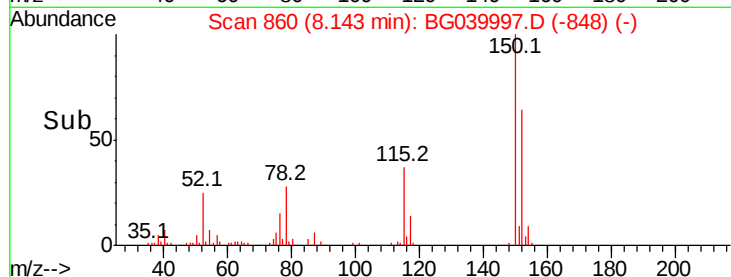
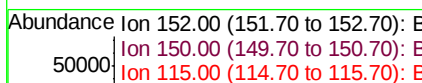
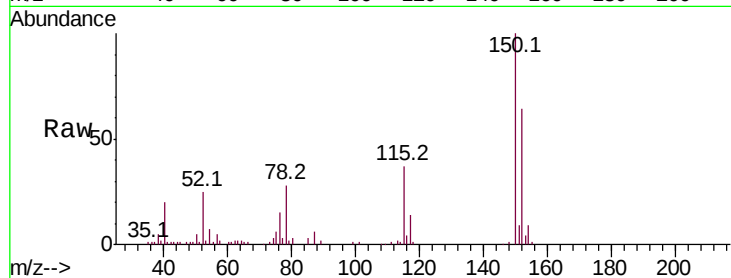
HR-05-031519-AMSD

Tot Ion:	152	Resp:	43207
Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	58.1	45.9	68.9

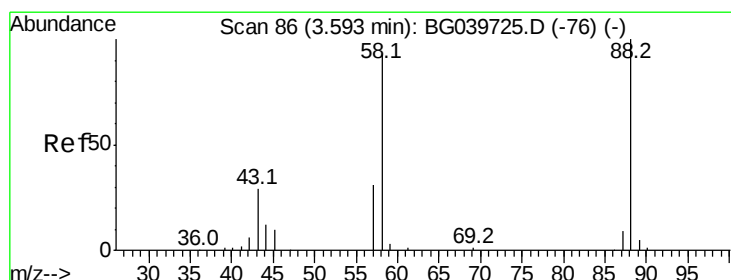
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Time-->



#2

1,4-Dioxane

Concen: 34.163 ng

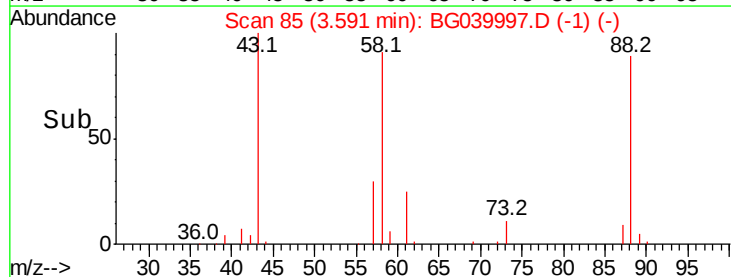
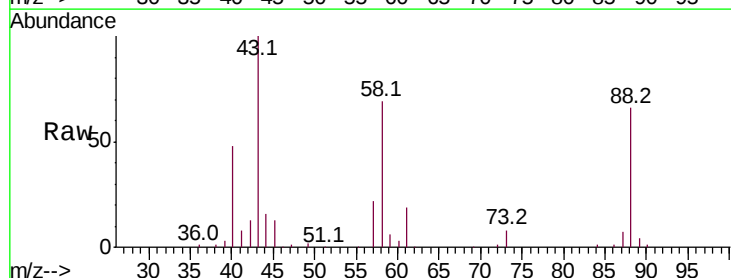
RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

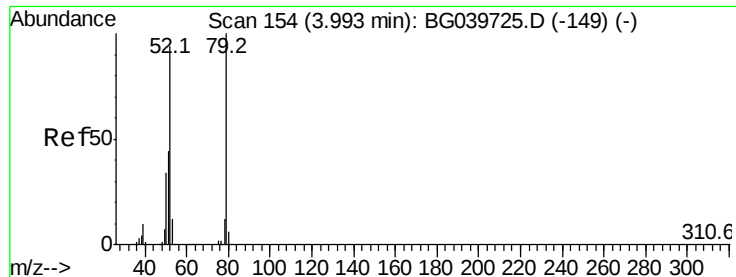
Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	88	Resp:	39945
Ion	Ratio	Lower	Upper
88	100		
58	101.9	81.1	121.7
43	218.0	31.4	47.0#



Time-->



#3

Pvridine

Concen: 32.640 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

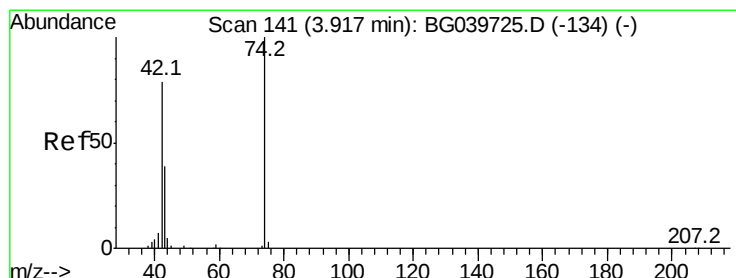
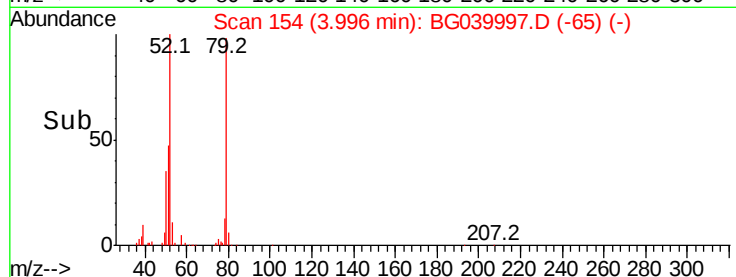
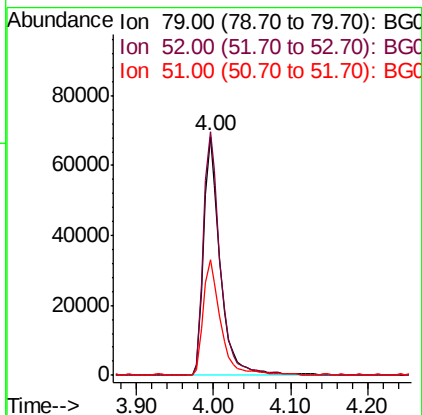
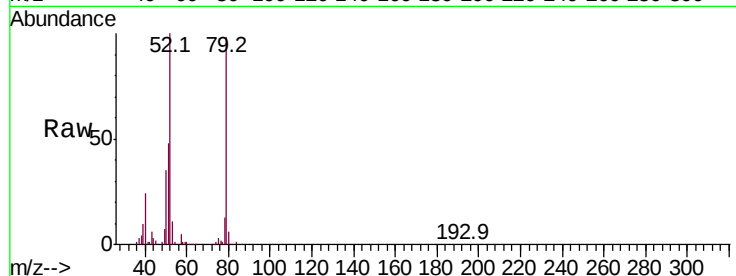
ClientSampleId :

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Tot Ion:	79	Resp:	102172
Ion Ratio	Lower	Upper	
79	100		
52	101.9	82.6	124.0
51	48.4	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 42.909 ng

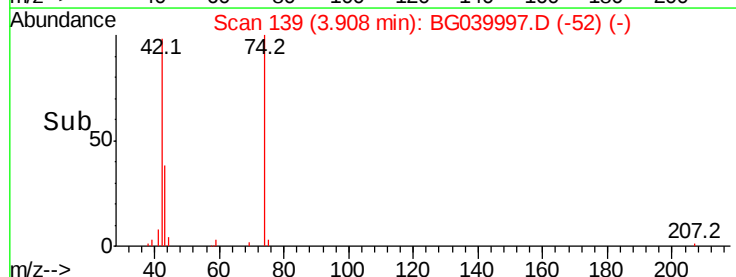
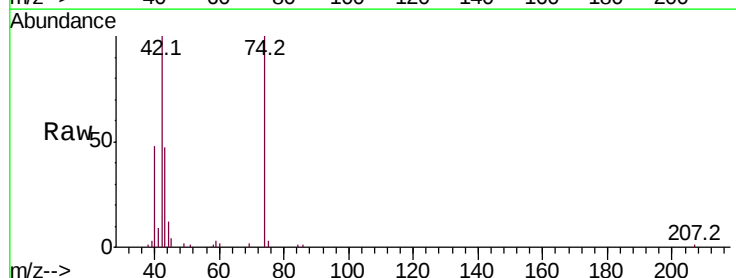
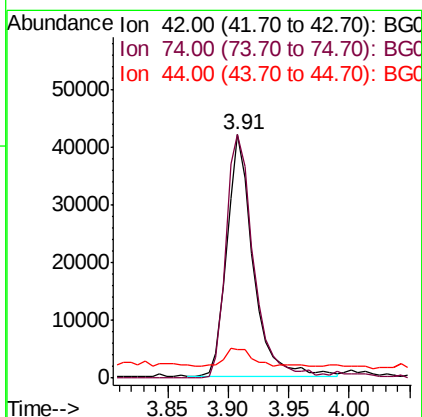
RT: 3.91 min Scan# 139

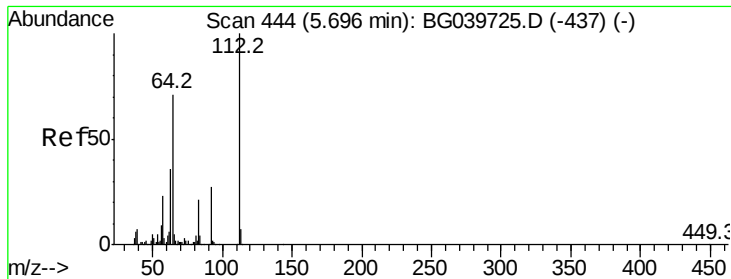
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	42	Resp:	63719
Ion Ratio	Lower	Upper	
42	100		
74	100.1	83.6	125.4
44	12.0	6.9	10.3#





#5

2-Fluorophenol

Concen: 130.579 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

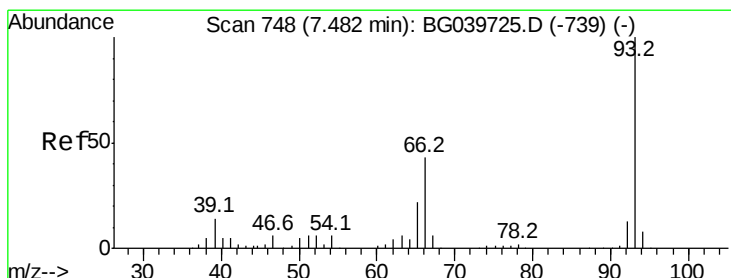
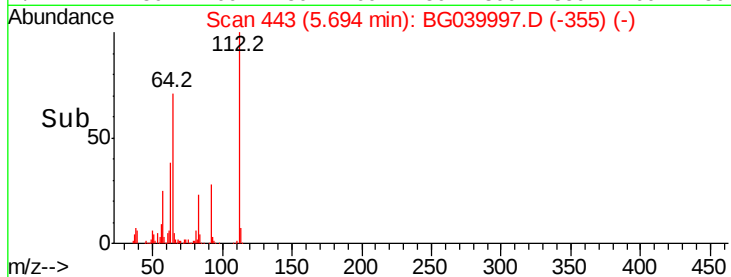
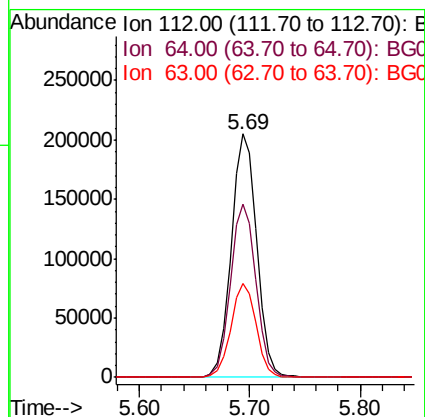
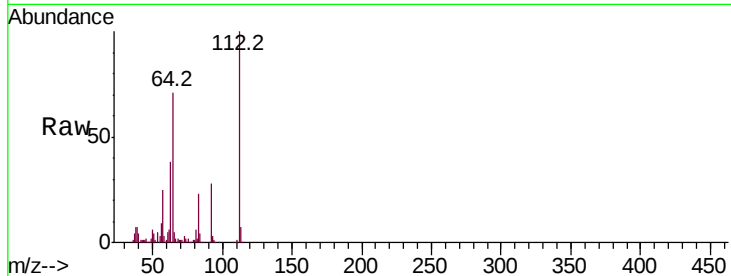
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Tot Ion:	112	Resp:	330709
Ion Ratio	Lower	Upper	
112	100		
64	71.2	57.8	86.8
63	38.4	29.8	44.6

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#6

Aniline

Concen: 7.076 ng

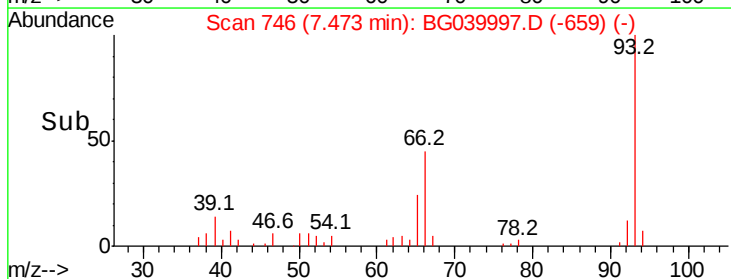
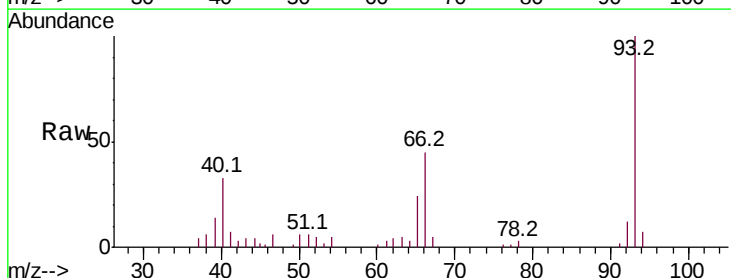
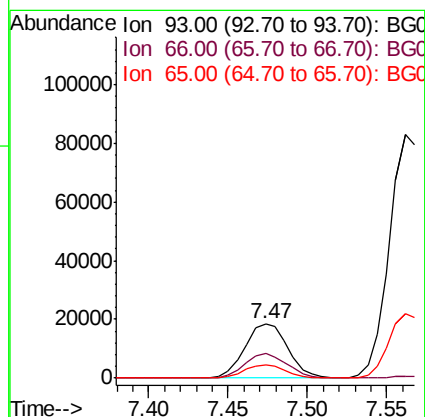
RT: 7.47 min Scan# 746

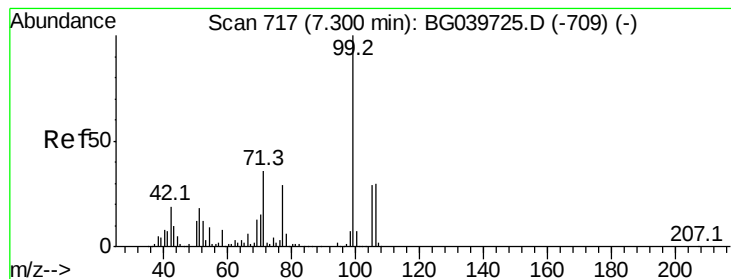
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	93	Resp:	35009
Ion Ratio	Lower	Upper	
93	100		
66	45.0	34.2	51.4
65	24.5	17.7	26.5





#7

Phenol-d6

Concen: 114.803 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

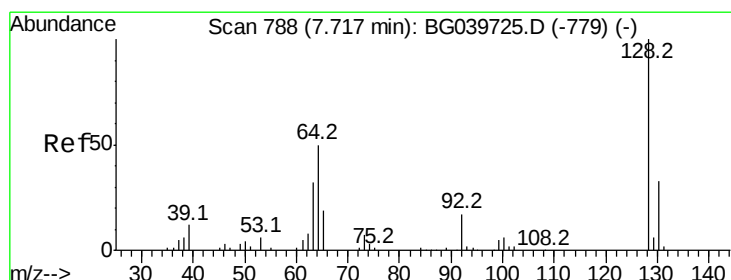
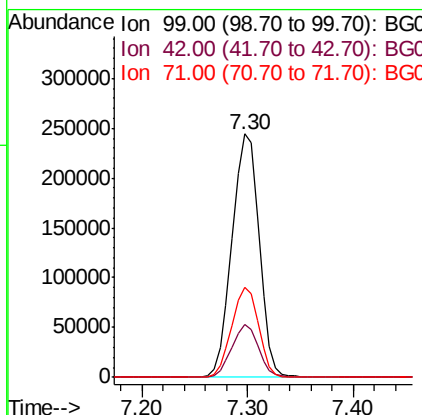
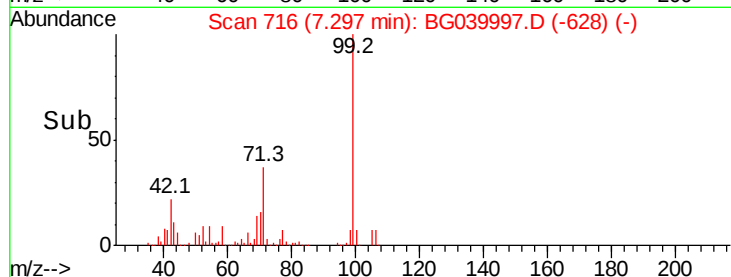
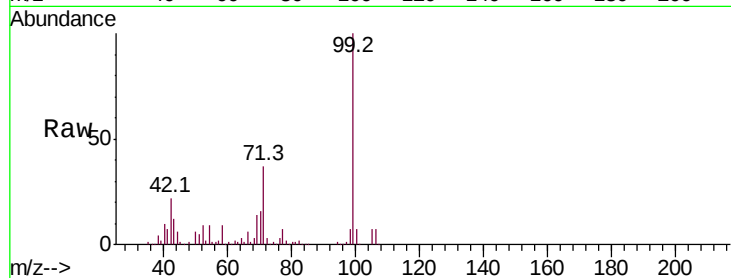
ClientSampleId :

HR-05-031519-AMSD

Tot Ion:	99	Resp:	433532
Ion Ratio	Lower	Upper	
99	100		
42	21.8	18.2	27.2
71	36.9	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.196 ng

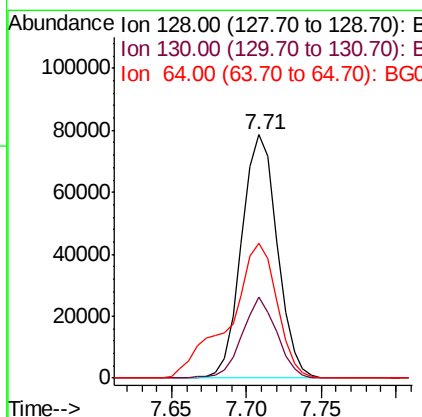
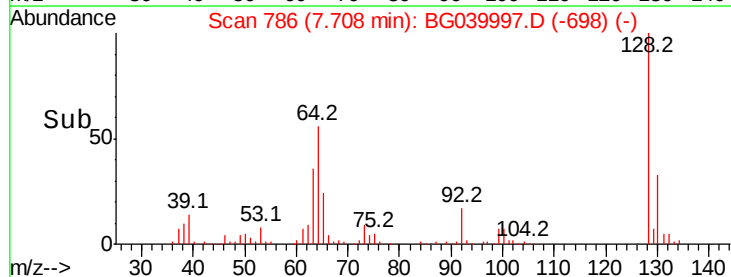
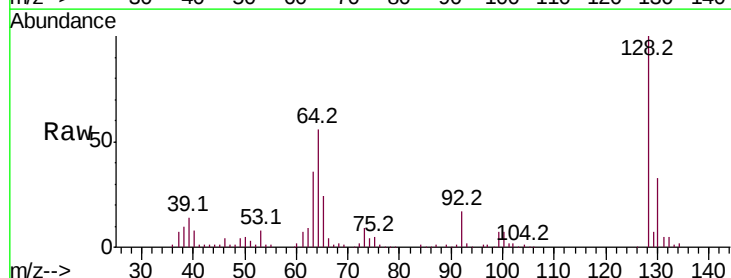
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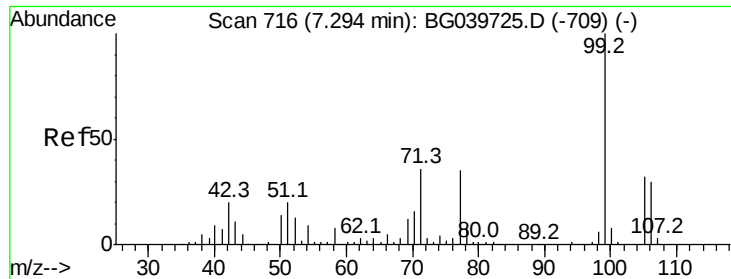
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	128	Resp:	129649
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	55.6	38.7	78.7





#9

Benzaldehyde

Concen: 20.876 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

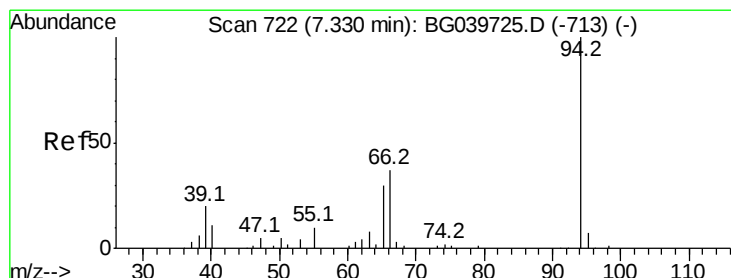
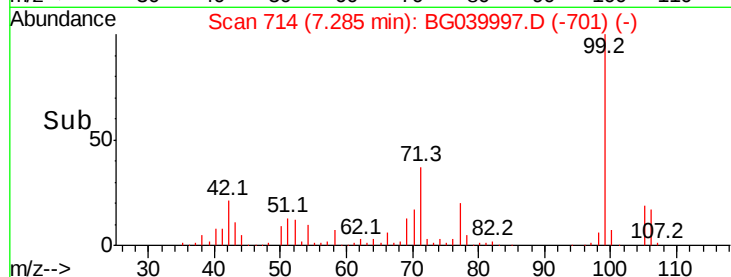
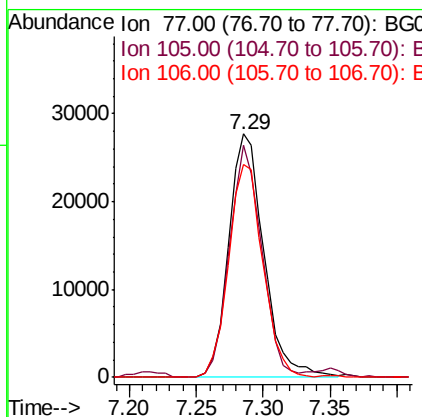
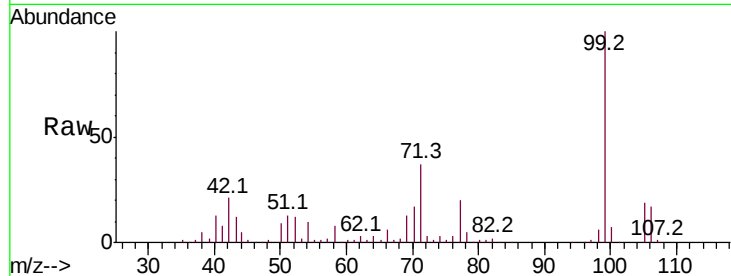
ClientSampleId :

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Tot Ion:	77	Resp:	50852
Ion	Ratio	Lower	Upper
77	100		
105	95.6	74.5	114.5
106	87.3	68.0	108.0

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#10

Phenol

Concen: 36.747 ng

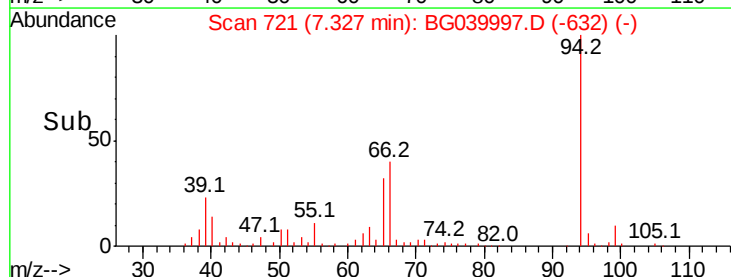
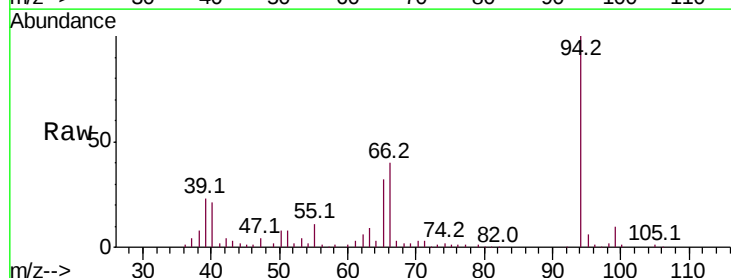
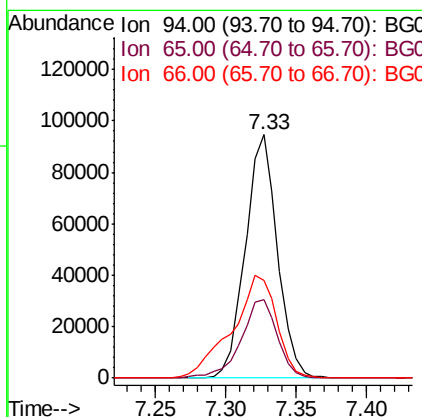
RT: 7.33 min Scan# 721

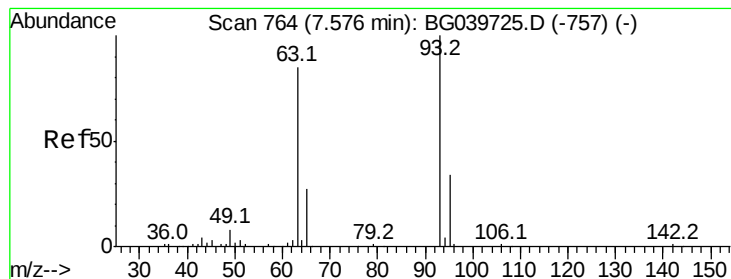
Delta R.T. -0.01 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	94	Resp:	150332
Ion	Ratio	Lower	Upper
94	100		
65	32.4	11.7	51.7
66	40.4	23.7	63.7





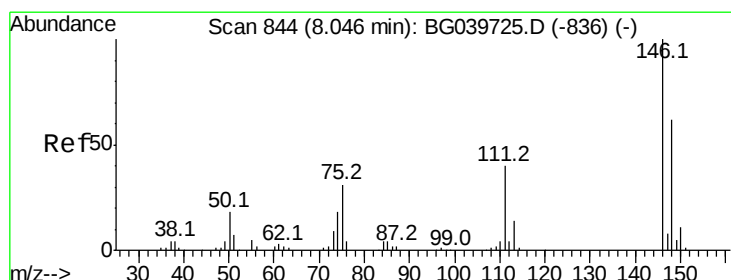
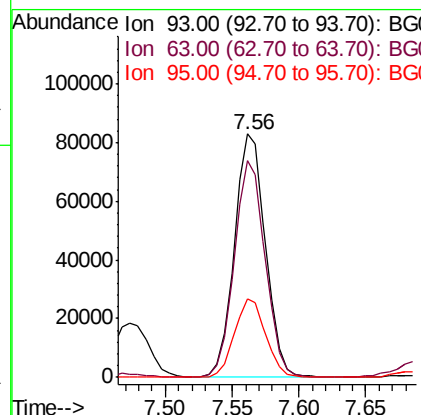
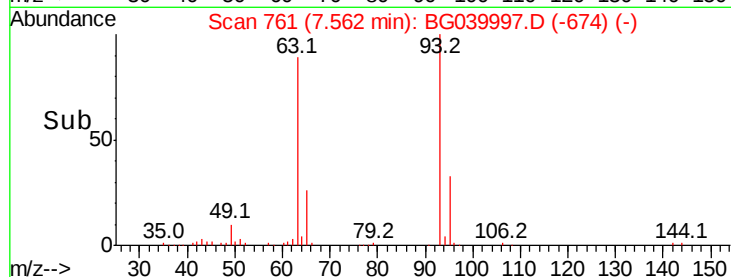
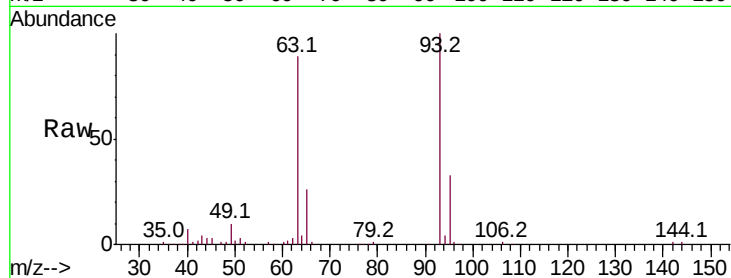
#11
bis(2-Chloroethyl)ether
Concen: 42.075 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	69.5	109.5
95	32.5	12.7	52.7

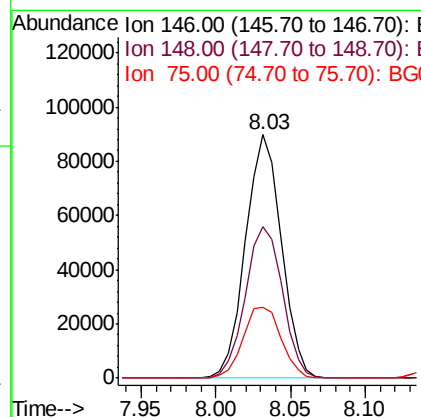
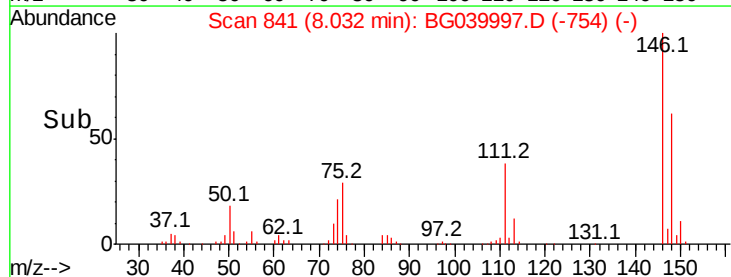
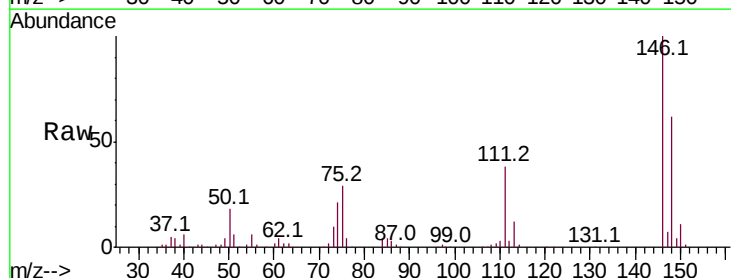
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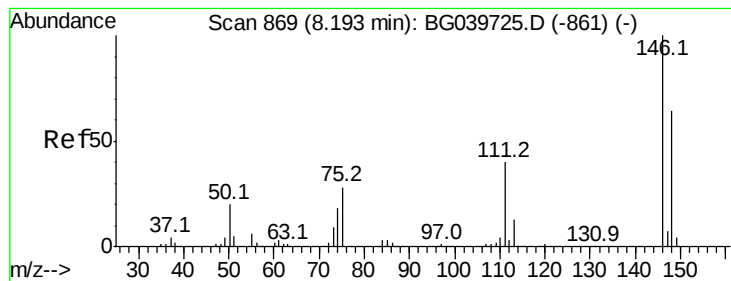
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#12
1,3-Dichlorobenzene
Concen: 42.913 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.6	79.0
75	29.3	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 42.347 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

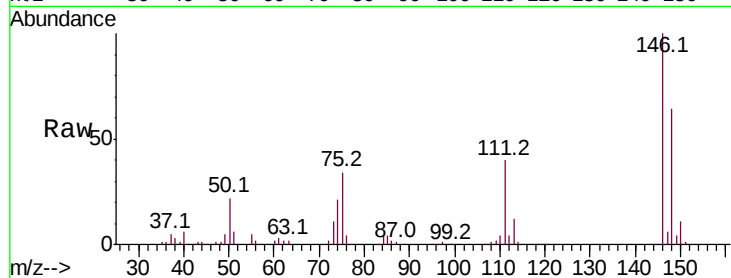
ClientSampleId :

HR-05-031519-AMSD

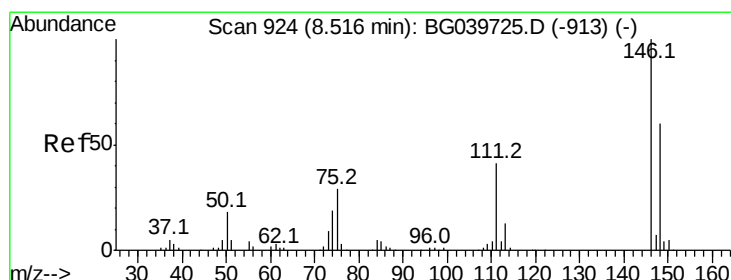
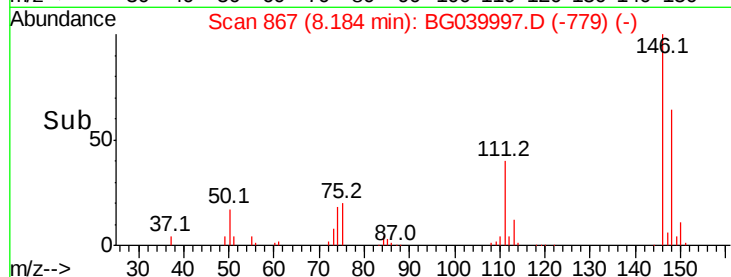
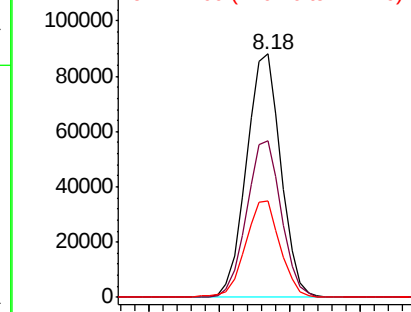
Tot Ion:	146	Resp:	149892
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
111	39.6	32.6	48.8

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



#14

1,2-Dichlorobenzene

Concen: 41.788 ng

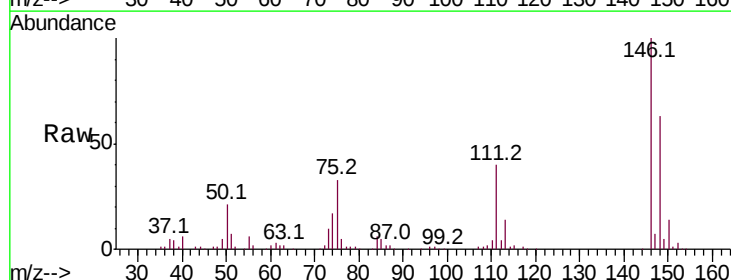
RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

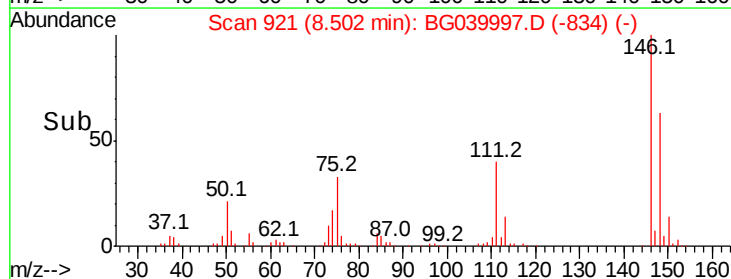
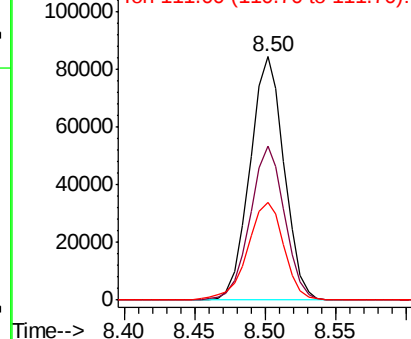
Lab File: BG039997.D

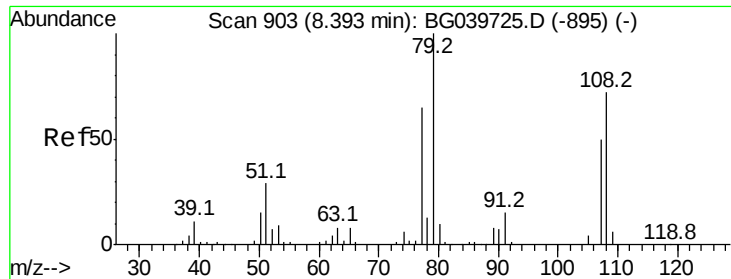
Acq: 19 Mar 2019 9:04

Tgt Ion:	146	Resp:	142912
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.5	77.3
111	40.3	33.8	50.6



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





#15

Benzyl Alcohol

Concen: 42.307 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

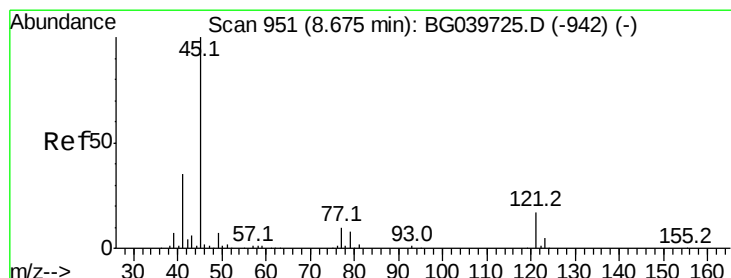
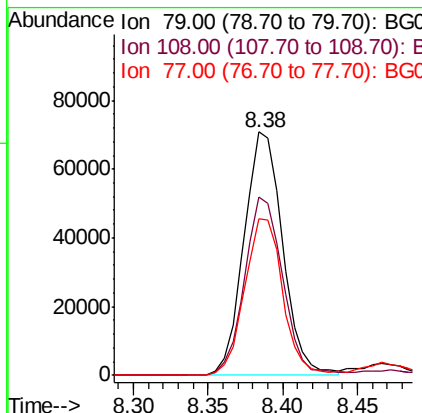
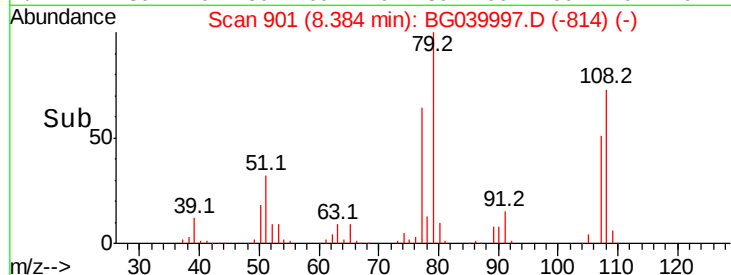
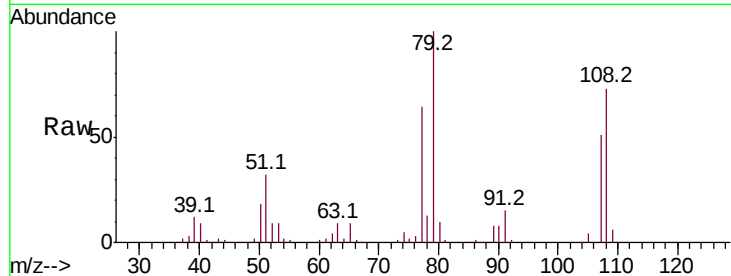
ClientSampleId :

HR-05-031519-AMSD

Tot Ion:	79	Resp:	126734
Ion Ratio	Lower	Upper	
79	100		
108	73.2	57.8	86.6
77	64.1	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.061 ng

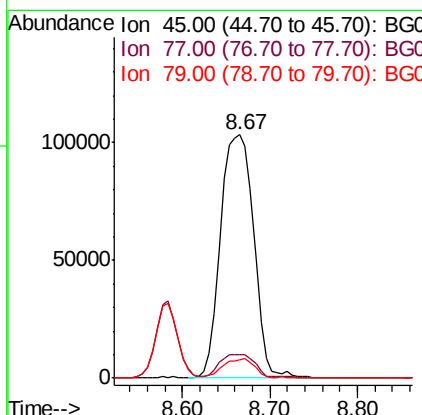
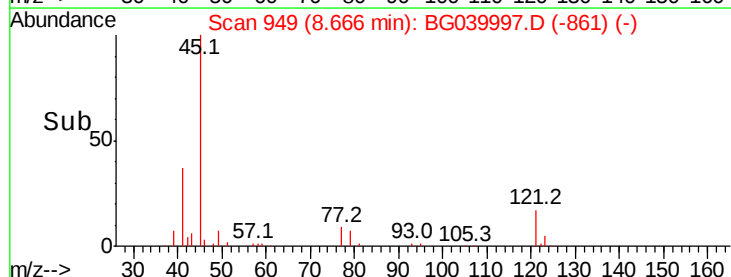
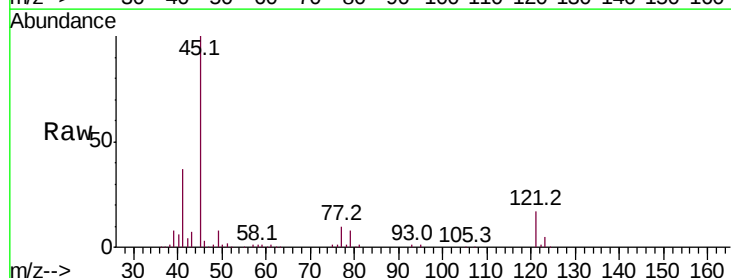
RT: 8.67 min Scan# 949

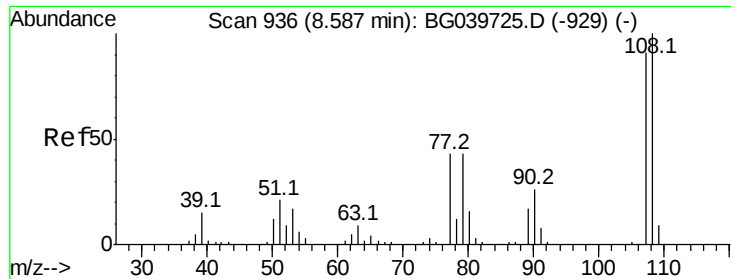
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	45	Resp:	268320
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.0
79	7.8	0.0	27.5





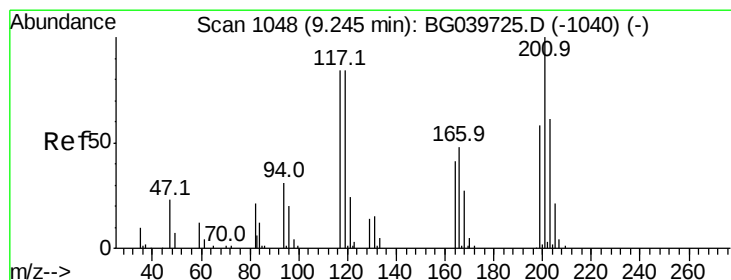
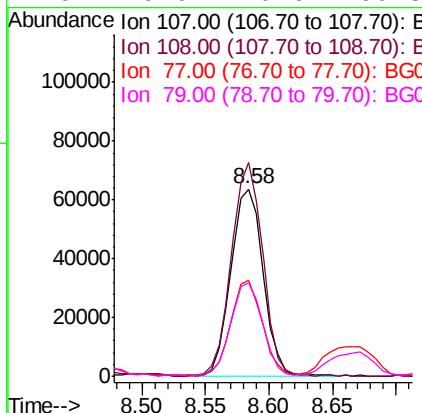
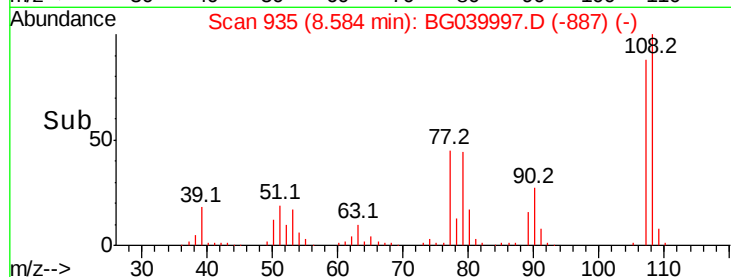
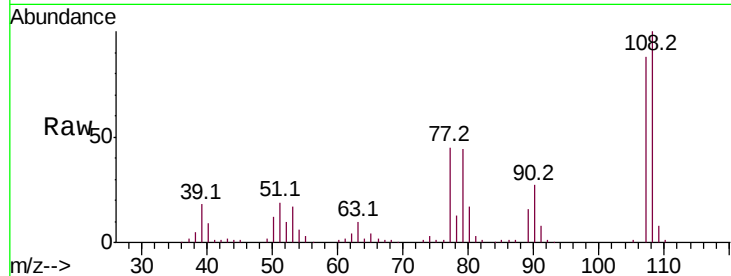
#17
2-Methylphenol
Concen: 43.072 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	90.8	136.2	
77	51.1	40.7	61.1	
79	49.9	40.6	60.8	

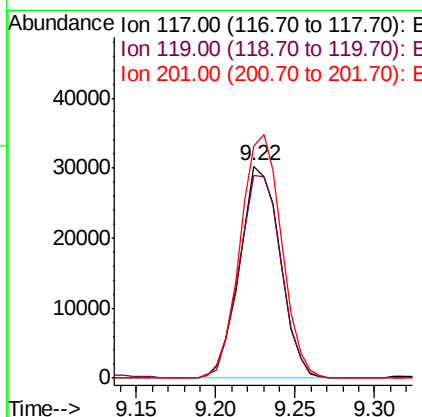
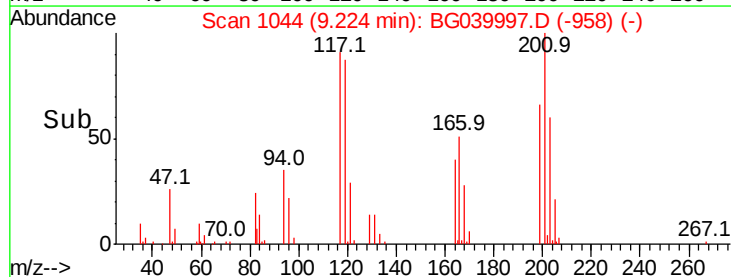
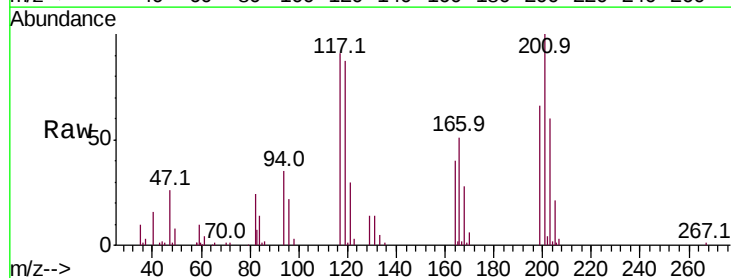
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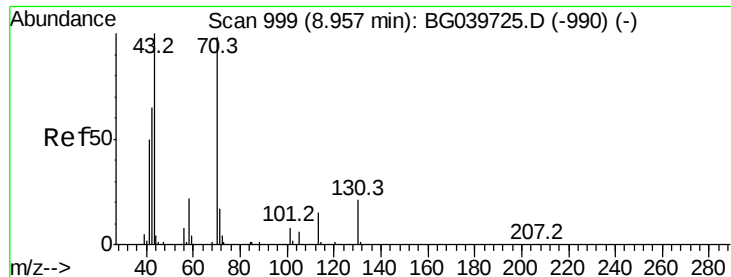
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#18
Hexachloroethane
Concen: 42.212 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.3	114.5	
201	109.3	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 39.489 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

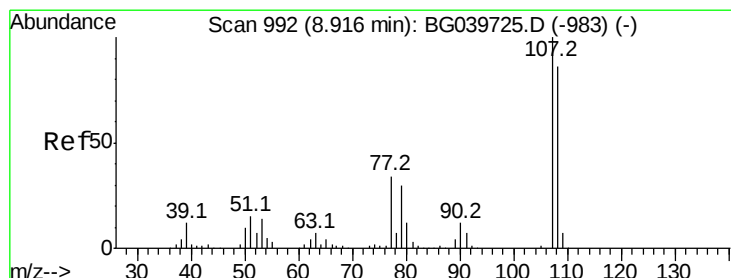
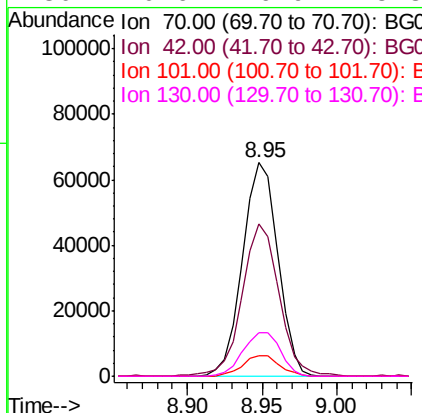
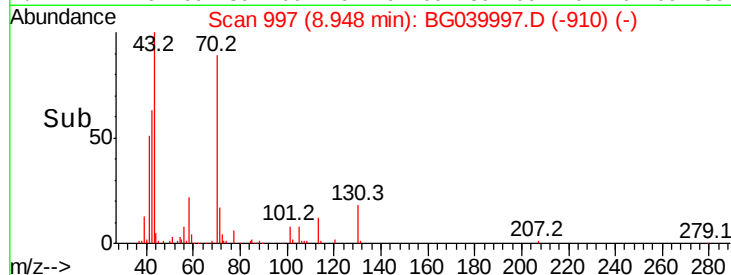
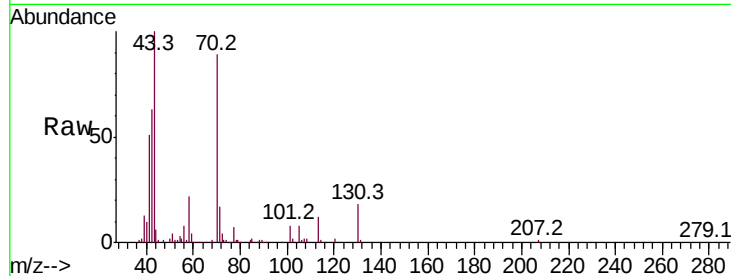
ClientSampleId :

HR-05-031519-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.1	60.4	90.6	
101	9.3	7.5	11.3	
130	20.6	16.9	25.3	

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#20

3+4-Methylphenols

Concen: 41.760 ng

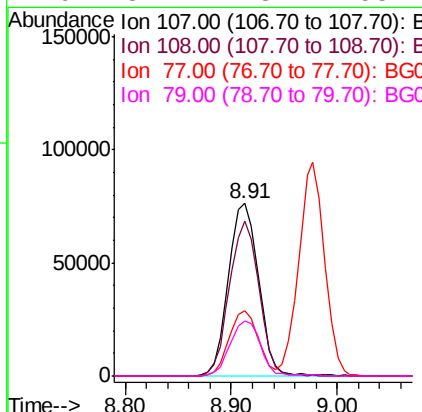
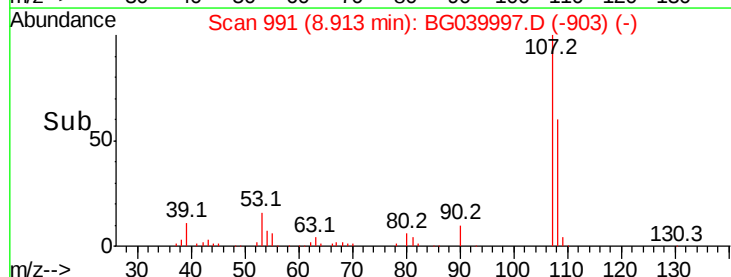
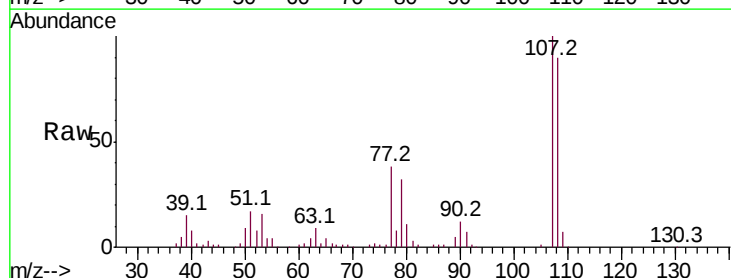
RT: 8.91 min Scan# 991

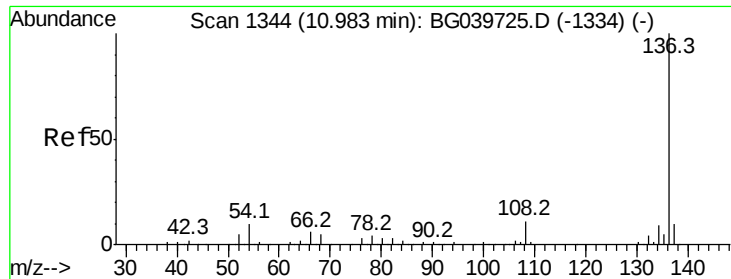
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	67.9	107.9	
77	37.6	15.4	55.4	
79	31.7	13.7	53.7	





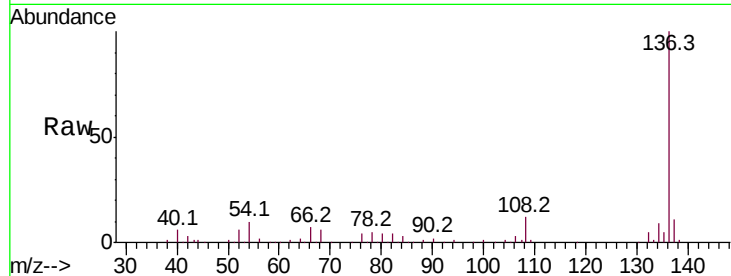
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

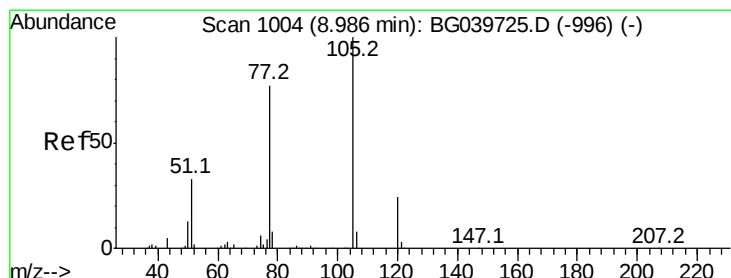
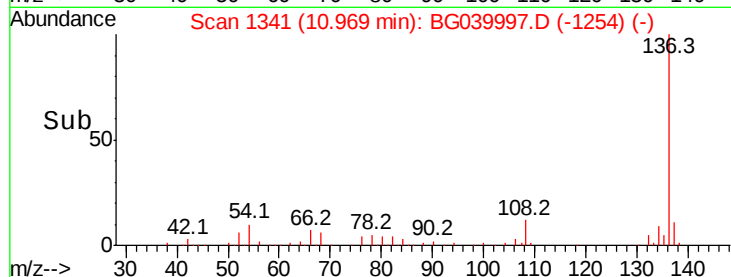
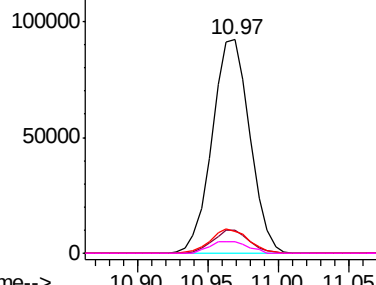
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	10.1	9.4	14.2	
68	5.7	4.2	6.4	

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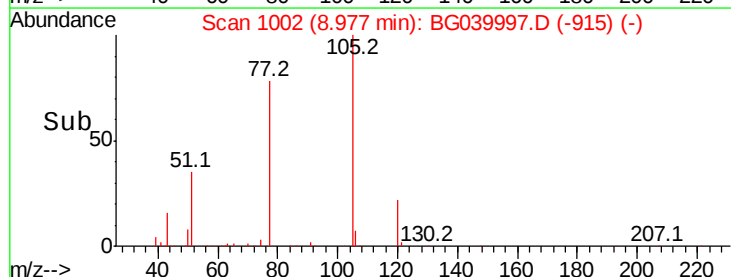
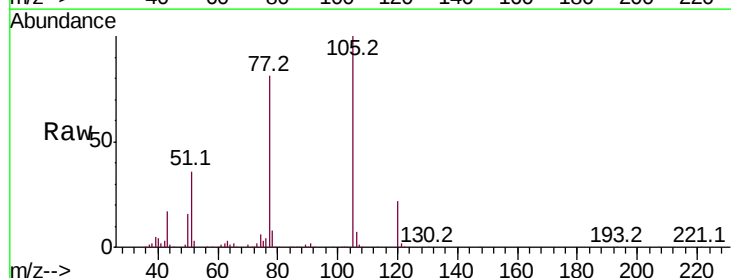
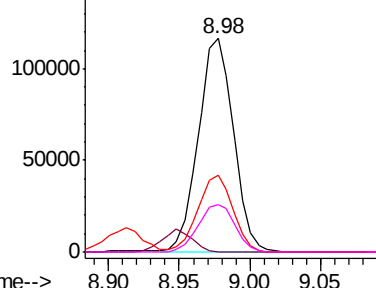
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

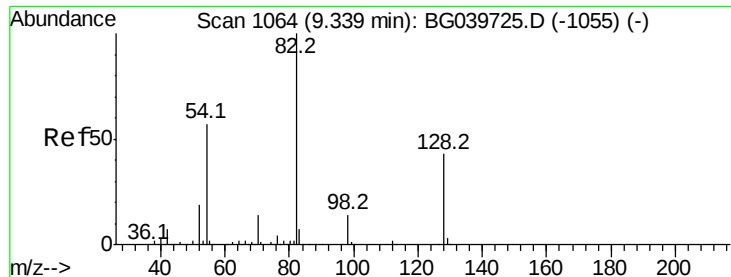


#22
Acetophenone
Concen: 43.564 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.8	1.2#	
51	36.1	30.2	45.2	
120	22.4	18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





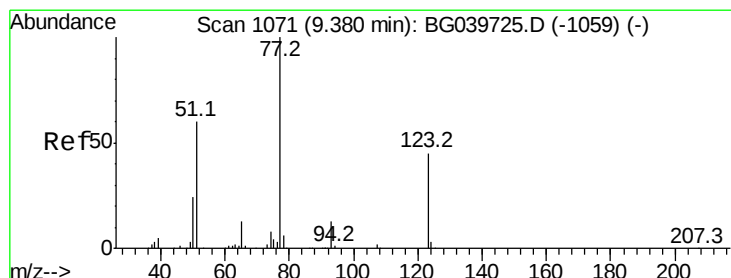
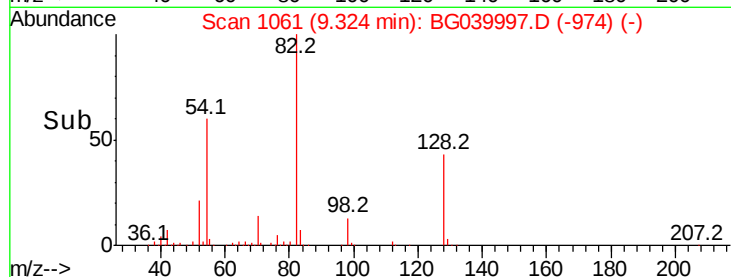
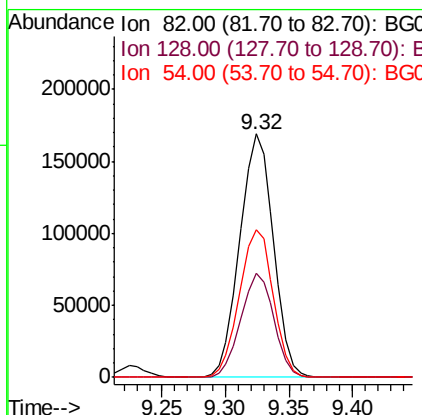
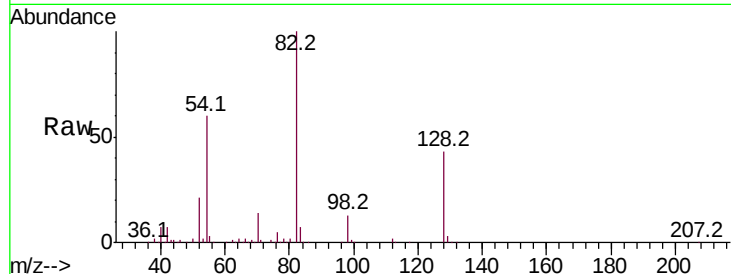
#23
 Nitrobenzene-d5
 Concen: 97.728 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	60.5	50.9	76.3

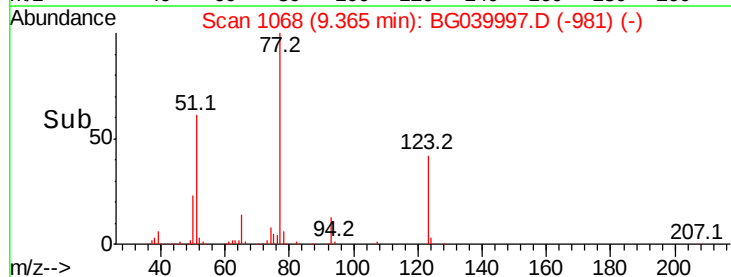
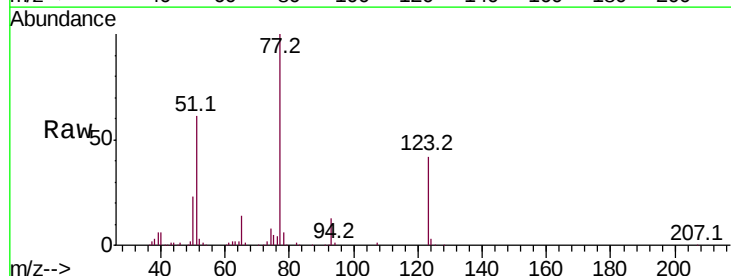
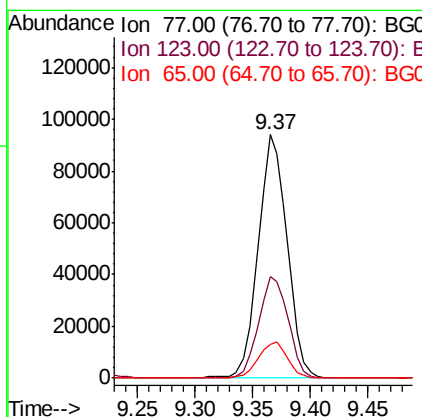
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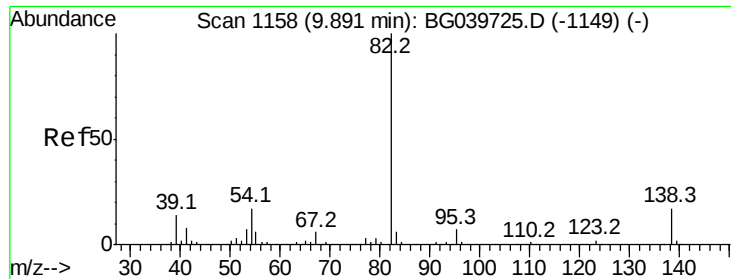
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#24
 Nitrobenzene
 Concen: 49.068 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	34.1	51.1
65	13.8	12.3	18.5





#25

Isophorone

Concen: 45.230 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

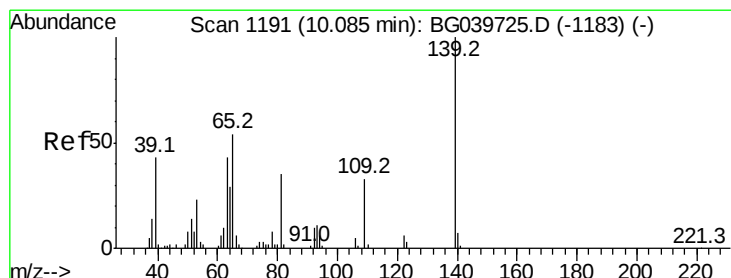
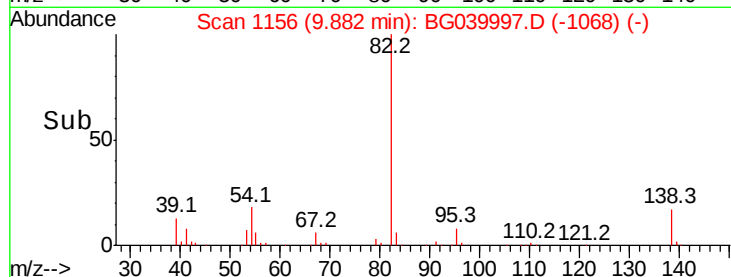
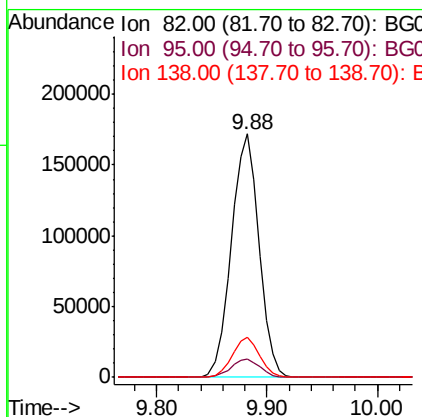
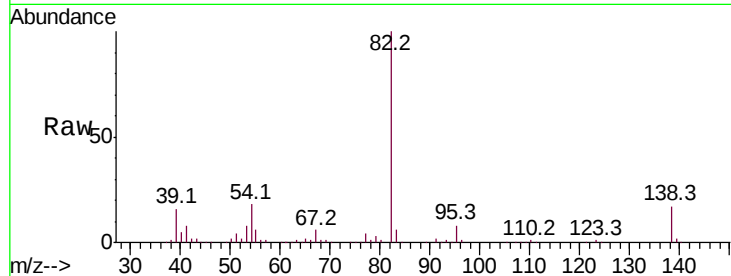
ClientSampleId :

HR-05-031519-AMSD

Tot Ion:	82	Resp:	301875
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	16.7	13.0	19.4

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#26

2-Nitrophenol

Concen: 48.189 ng

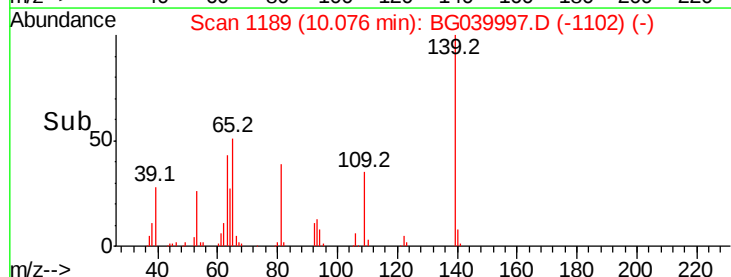
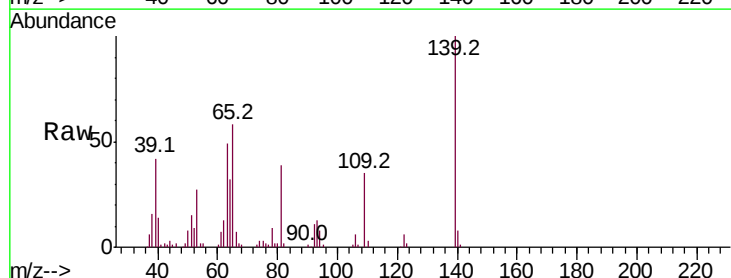
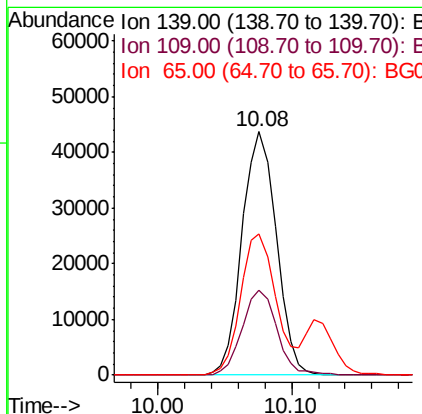
RT: 10.08 min Scan# 1189

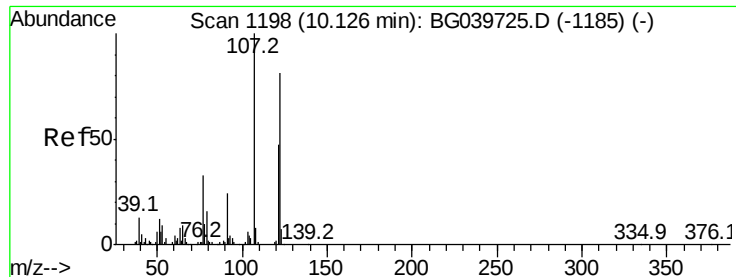
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	139	Resp:	77749
Ion Ratio	Lower	Upper	
139	100		
109	35.0	23.4	35.0
65	58.0	44.3	66.5





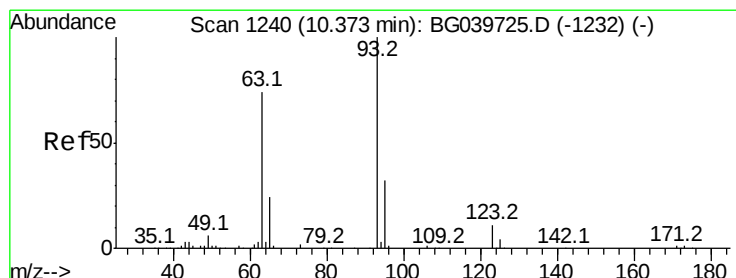
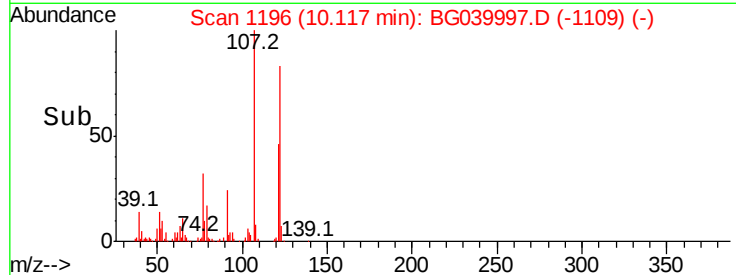
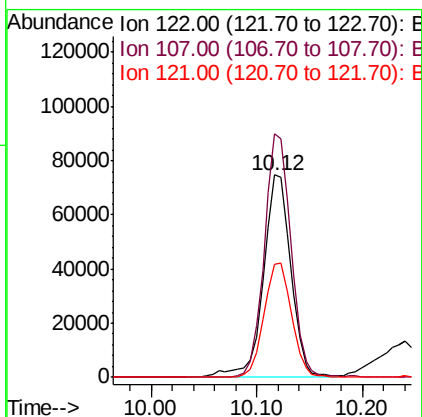
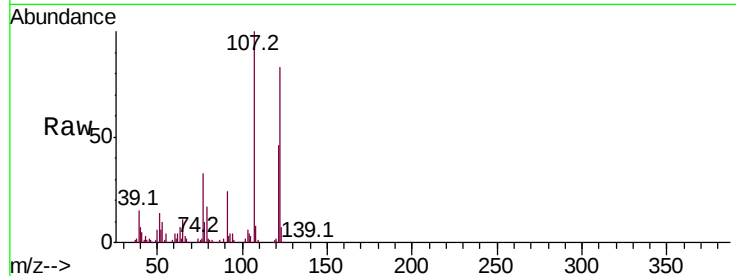
#27
 2,4-Dimethylphenol
 Concen: 53.868 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	91.7	137.5
121	55.9	46.4	69.6

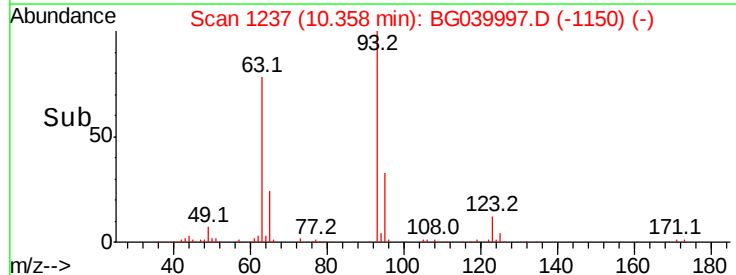
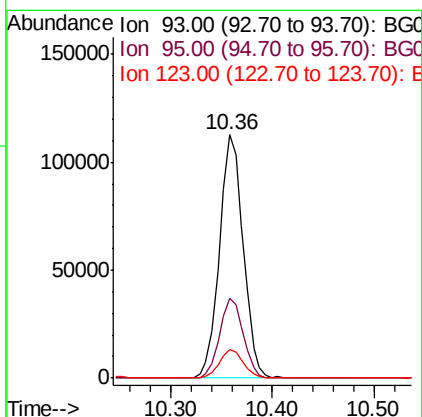
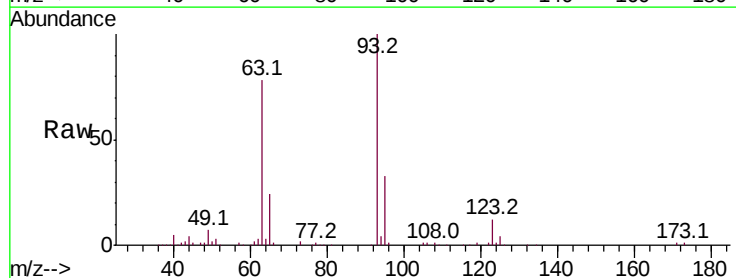
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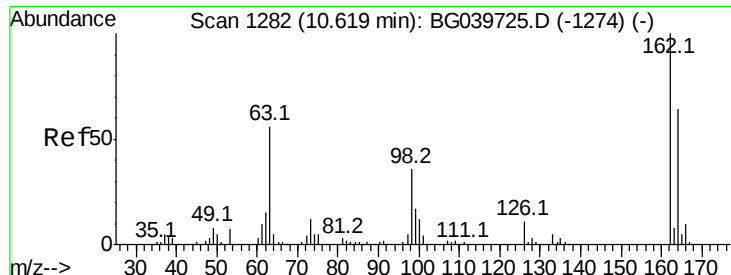
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.086 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.4
123	11.6	8.6	12.8





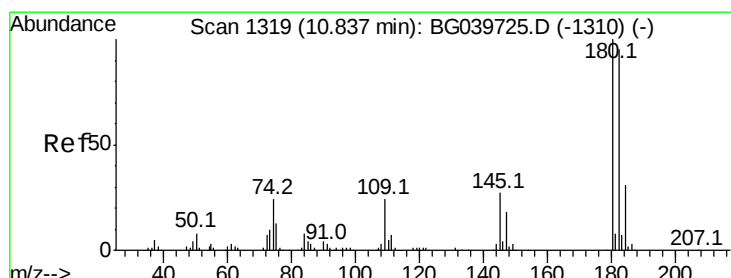
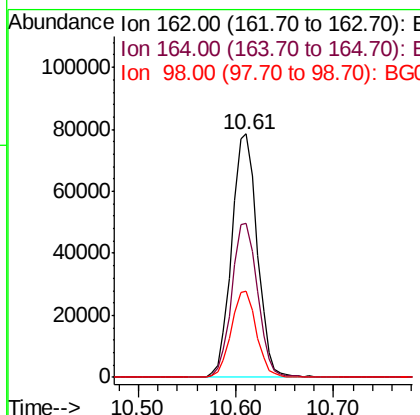
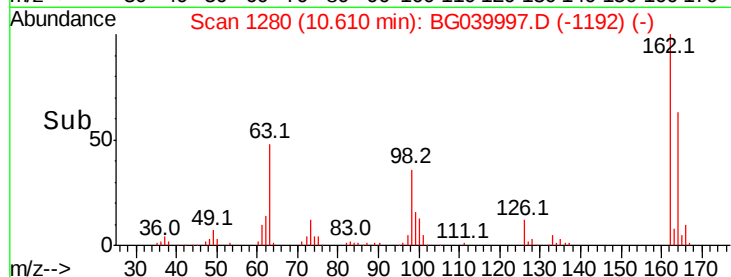
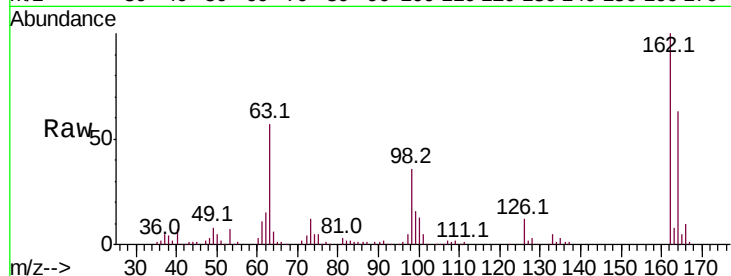
#29
 2,4-Dichlorophenol
 Concen: 50.625 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	143024		
164	63.4	48.1	88.1	
98	35.6	18.1	58.1	

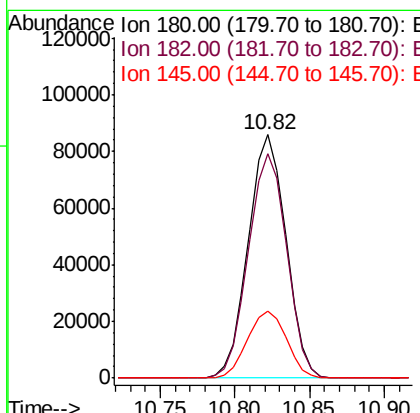
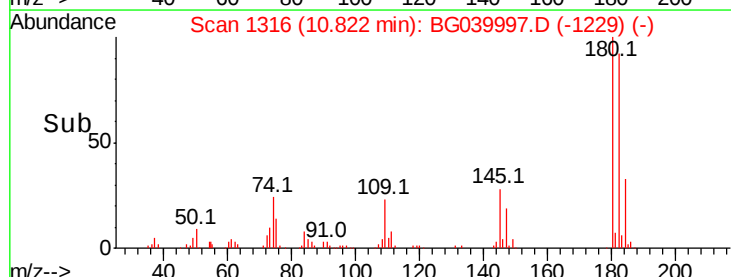
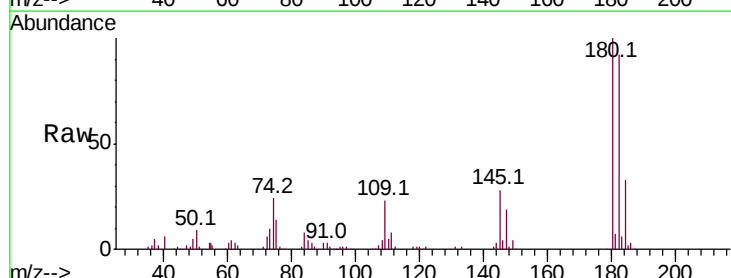
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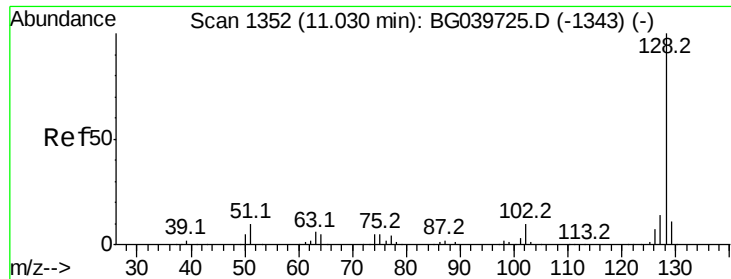
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.228 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150140		
182	92.1	76.0	114.0	
145	27.6	22.7	34.1	





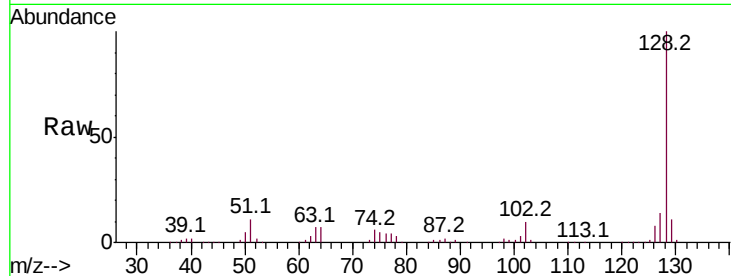
#31
Naphthalene
Concen: 46.153 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.6	10.8	16.2

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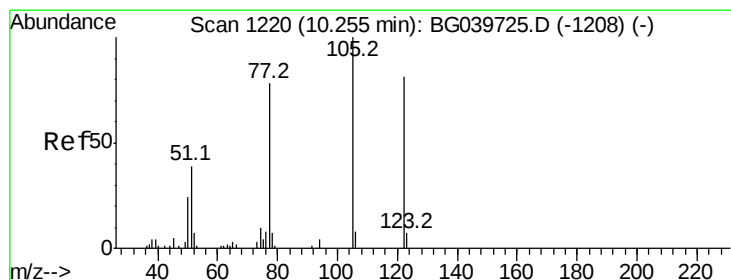
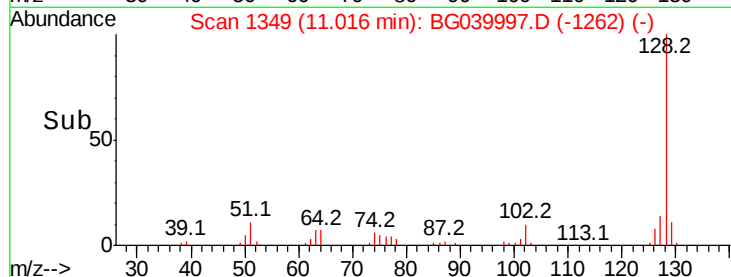
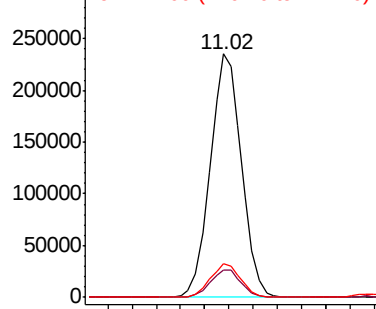


Abundance

Ion 128.00 (127.70 to 128.70): E

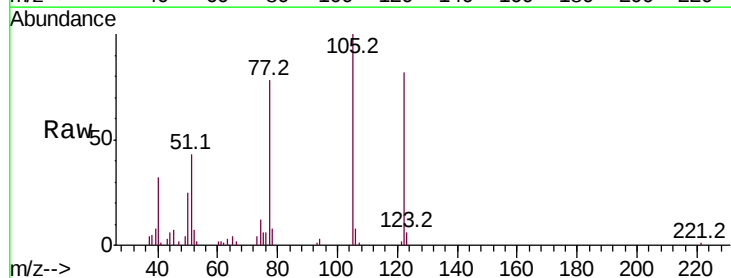
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 25.253 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	101.8	141.8
77	94.5	76.3	116.3

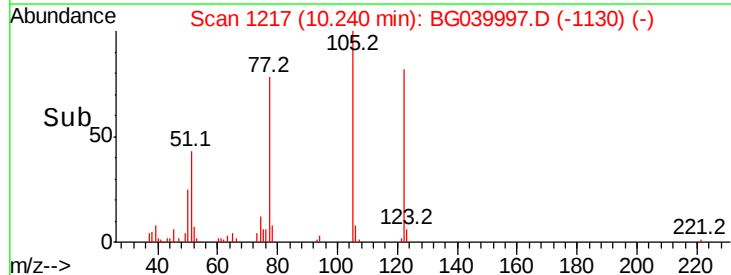
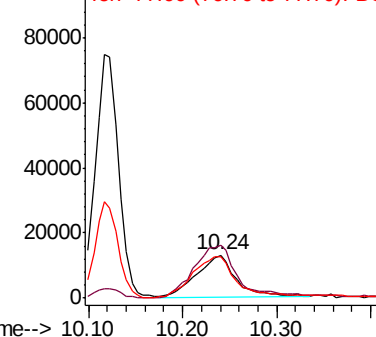


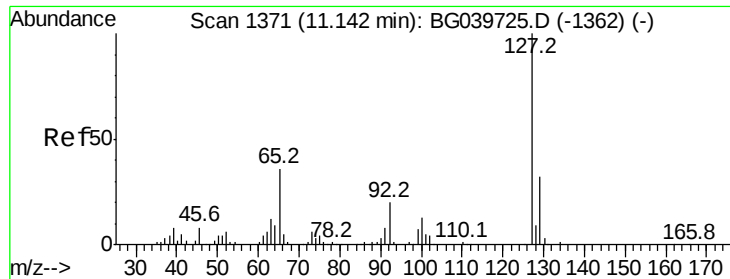
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





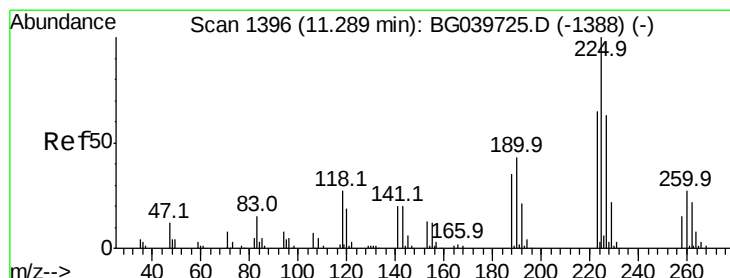
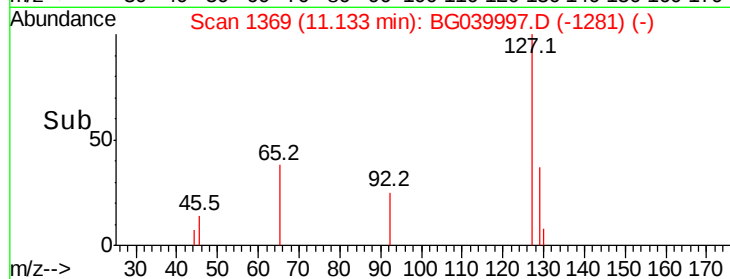
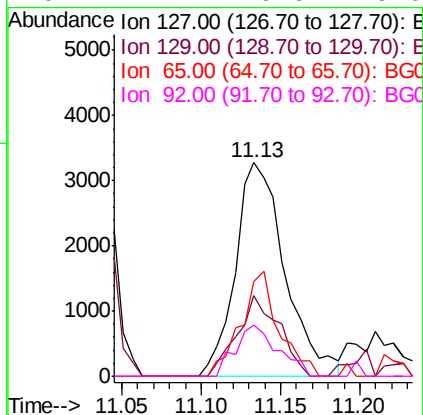
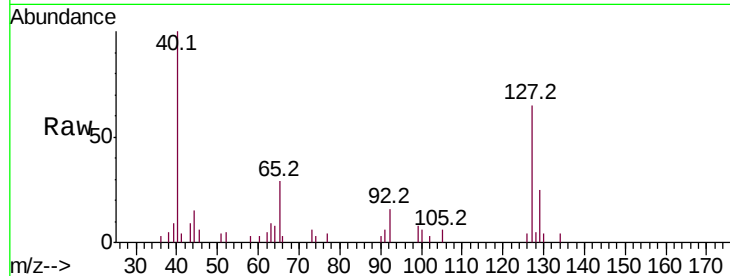
#33
4-Chloroaniline
Concen: 1.840 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	38.0	27.0	40.4
65	44.2	28.8	43.2
92	24.2	16.6	25.0

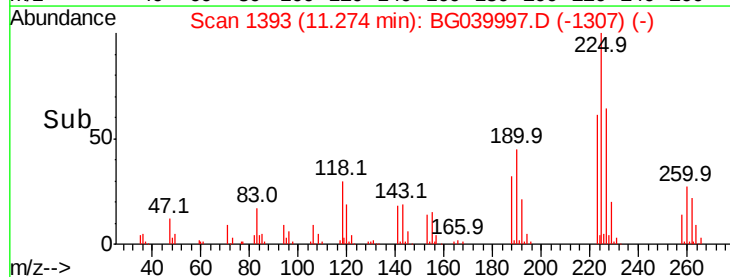
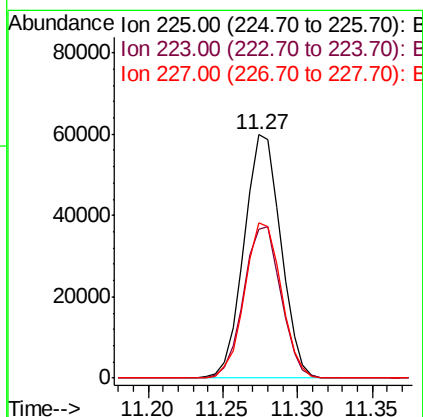
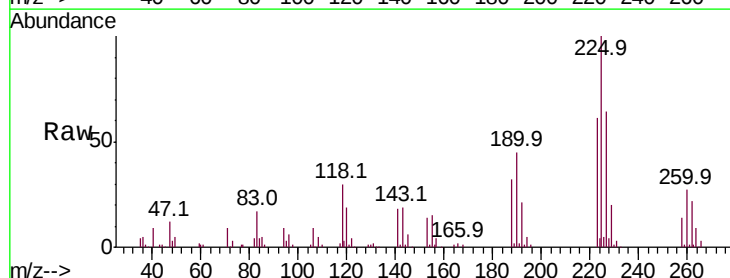
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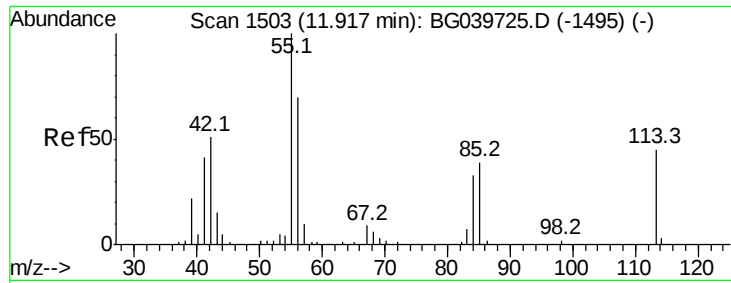
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#34
Hexachlorobutadiene
Concen: 46.929 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.0	73.6
227	64.0	46.3	69.5





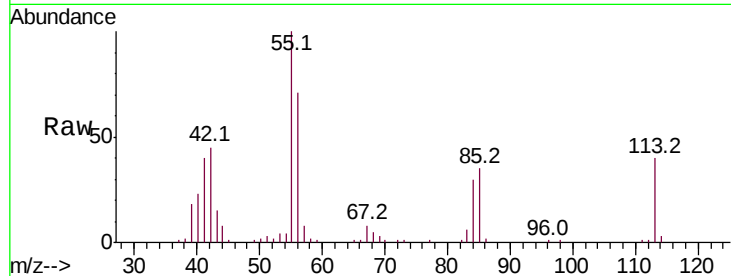
#35
 Caprolactam
 Concen: 32.631 ng/ml
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	249.0	216.9	256.9
56	177.8	152.6	192.6

Manual Integrations
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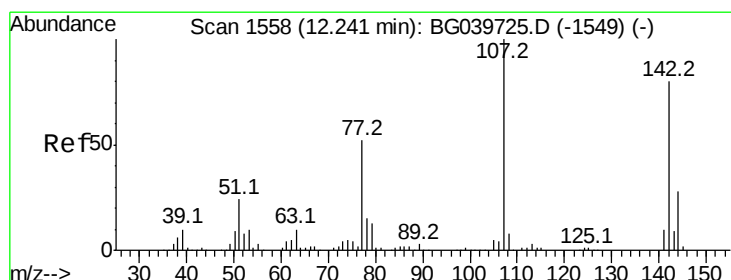
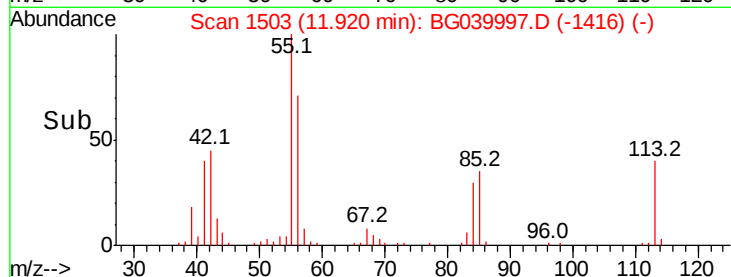
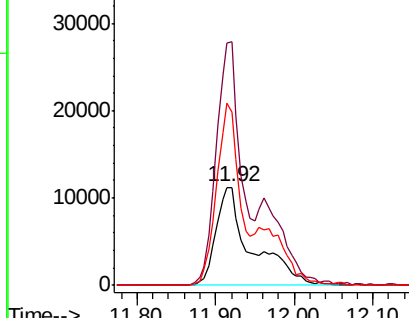


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36
 4-Chloro-3-methylphenol
 Concen: 47.289 ng/ml
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

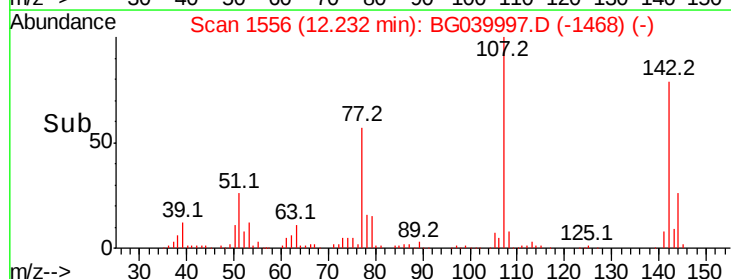
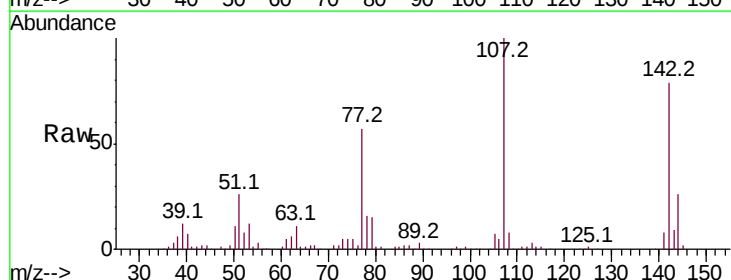
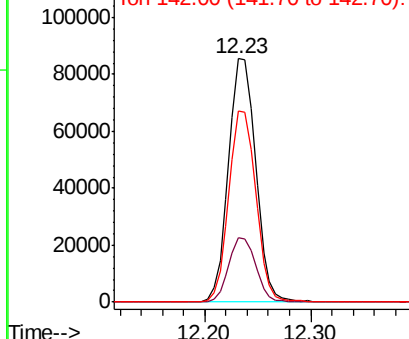
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.2	30.2
142	78.5	61.4	92.2

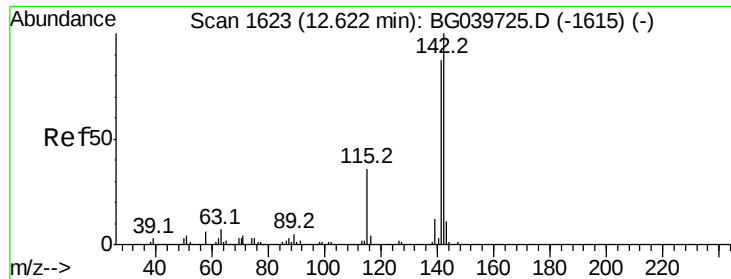
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





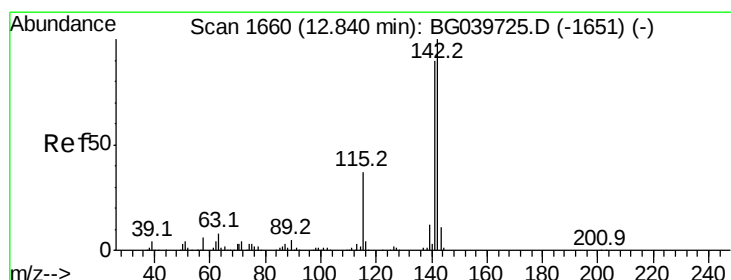
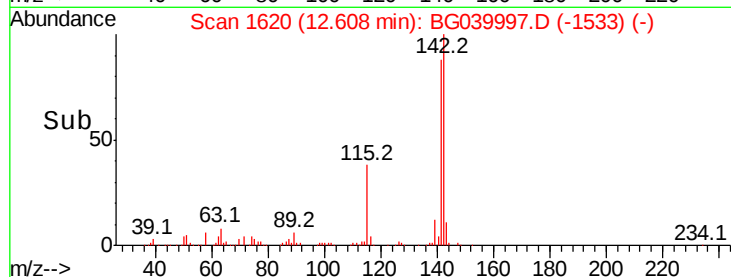
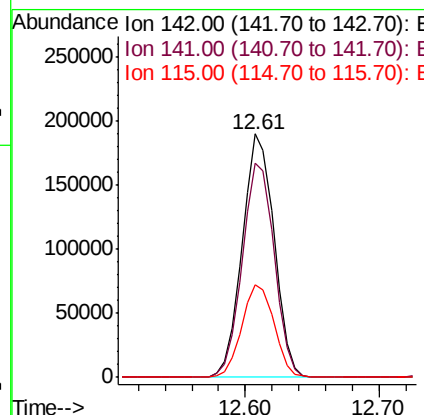
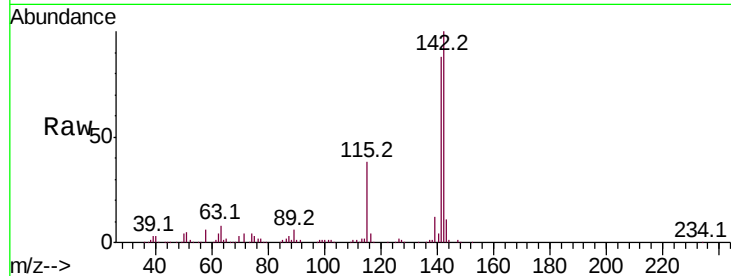
#37
2-Methylnaphthalene
Concen: 45.778 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.5	110.3
115	38.1	30.8	46.2

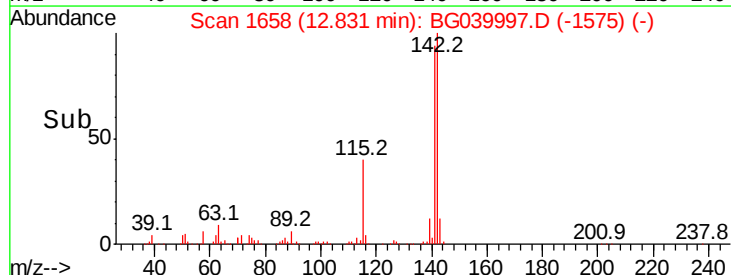
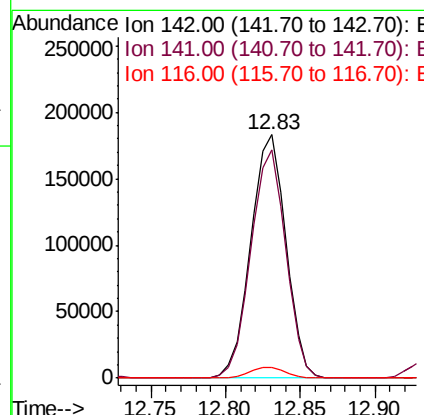
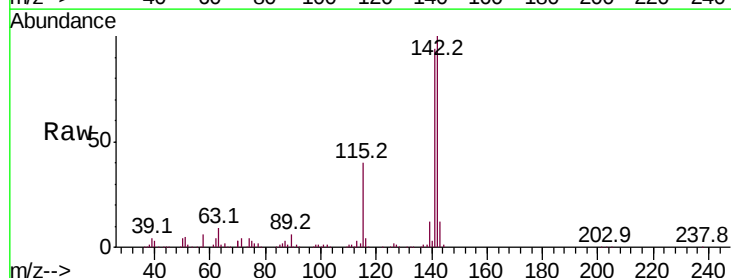
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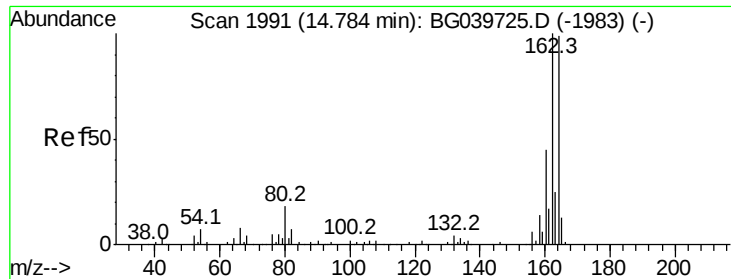
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#38
1-Methylnaphthalene
Concen: 44.821 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.4
116	4.2	3.0	4.6





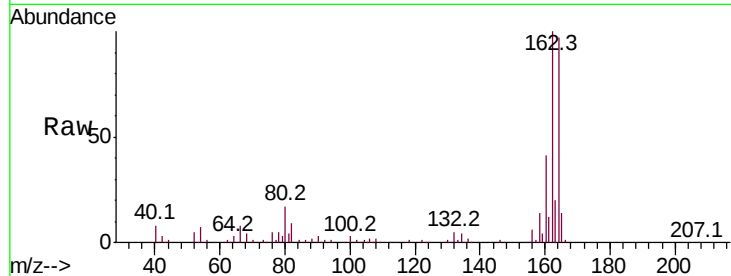
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	42.3	34.2	51.2

Manual Integrations
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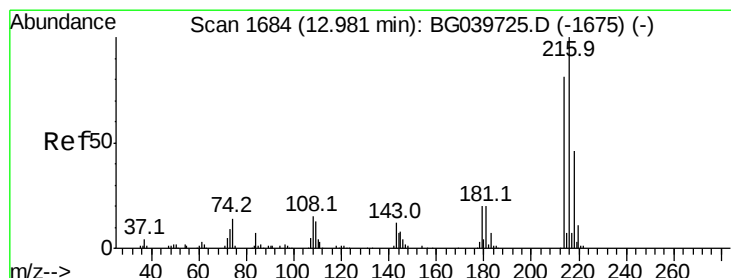
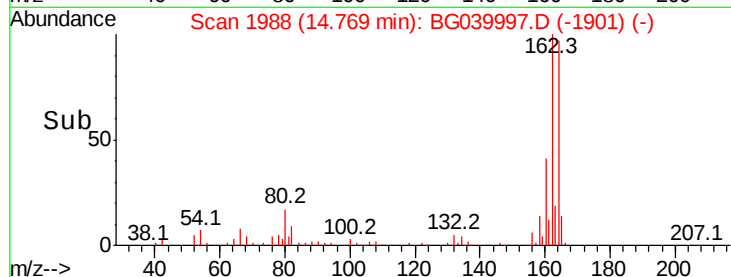
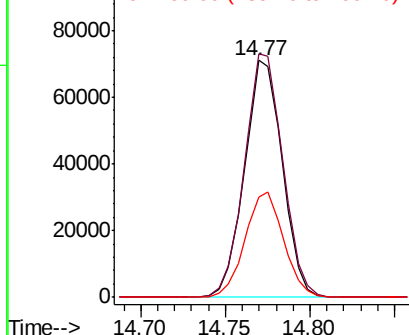


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.261 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	94.0
179	20.9	16.6	25.0
108	17.8	14.0	21.0

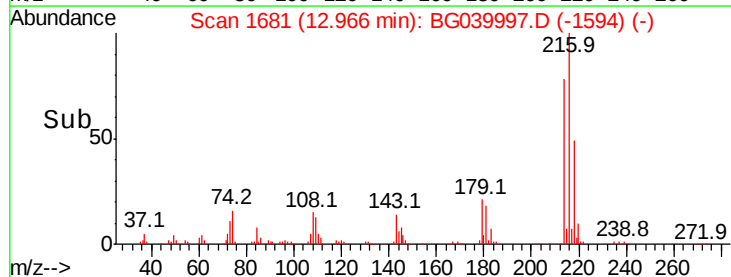
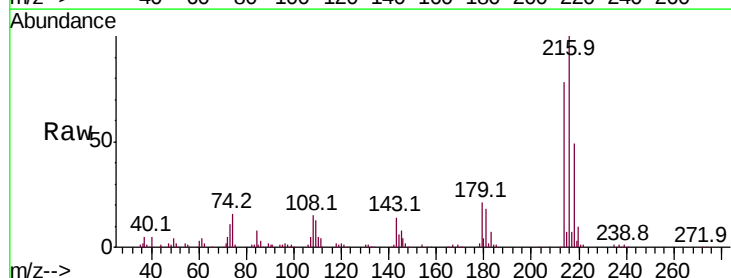
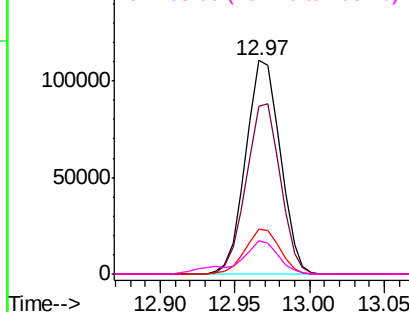
Abundance

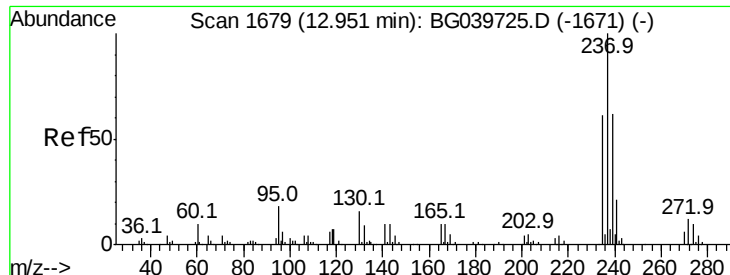
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 105.230 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

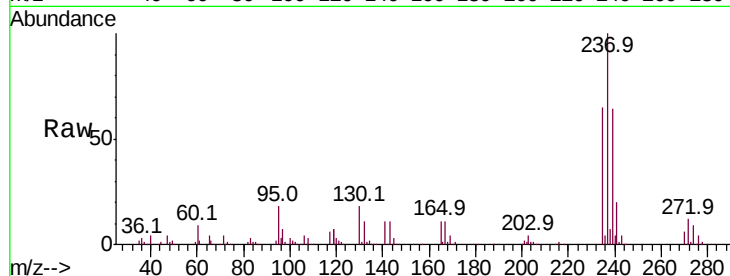
ClientSampleId :

HR-05-031519-AMSD

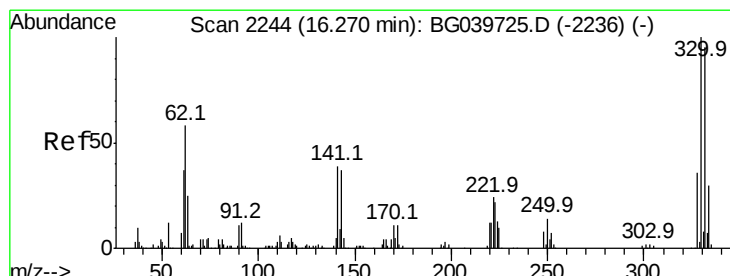
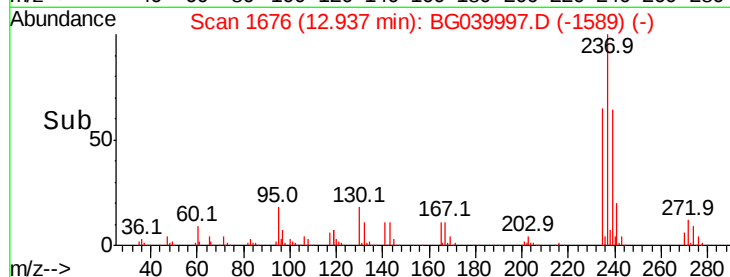
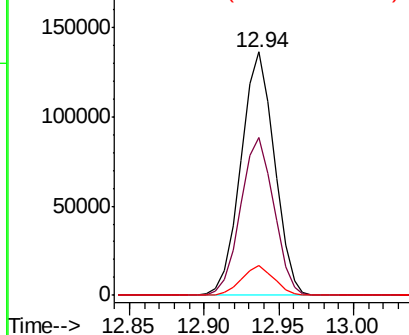
Tot Ion:	237	Resp:	211150
Ion Ratio	Lower	Upper	
237	100		
235	65.0	43.3	83.3
272	12.0	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 150.506 ng

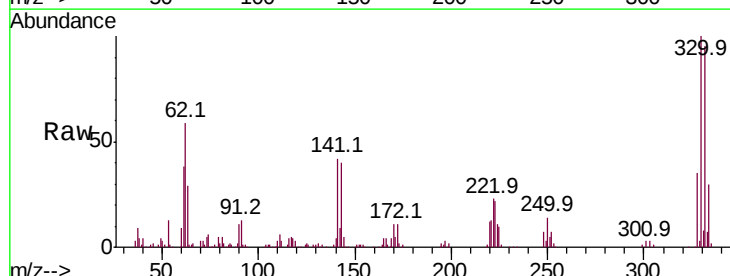
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

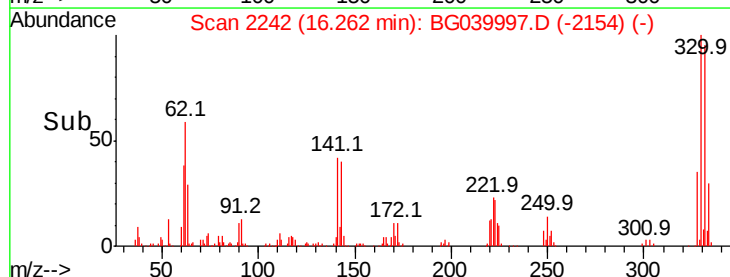
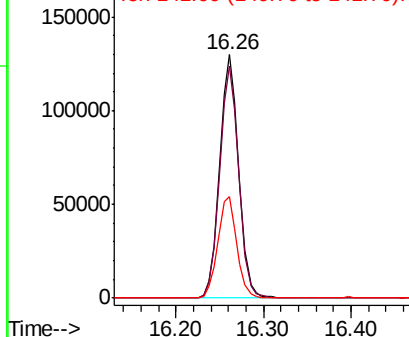
Lab File: BG039997.D

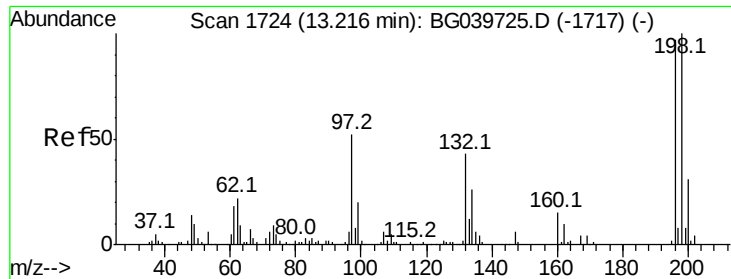
Acq: 19 Mar 2019 9:04

Tgt Ion:	330	Resp:	193886
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	41.9	35.6	53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





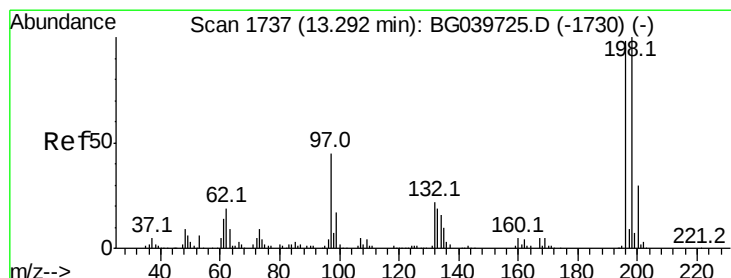
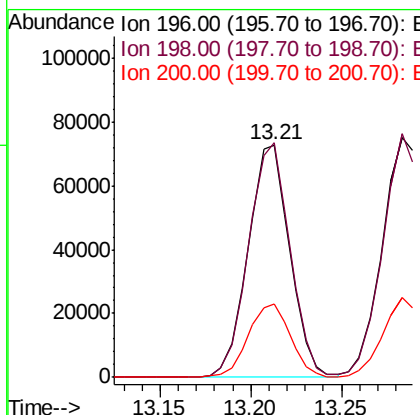
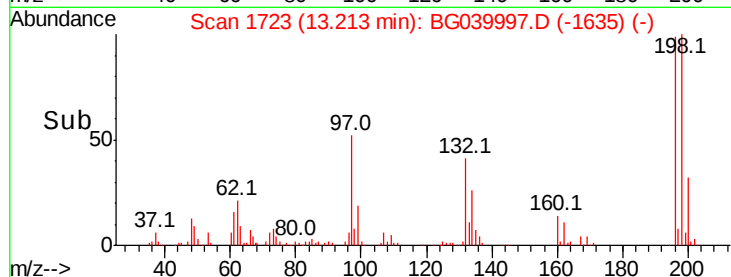
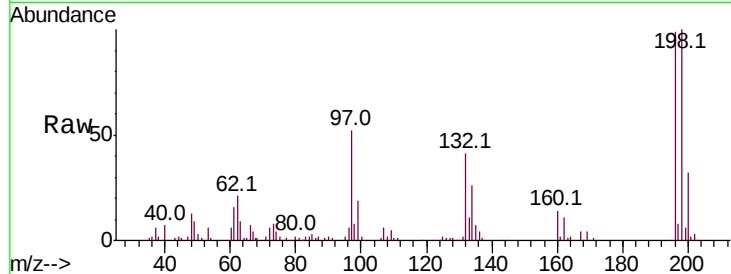
#43
 2,4,6-Trichlorophenol
 Concen: 53.171 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116555		
198	101.0	80.6	121.0	
200	31.8	26.1	39.1	

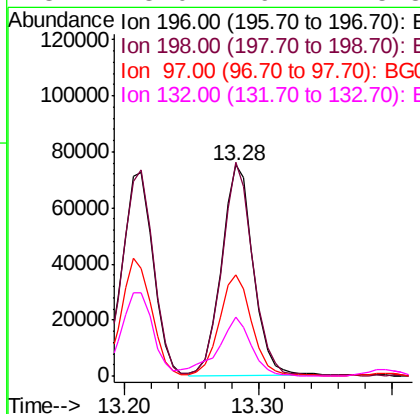
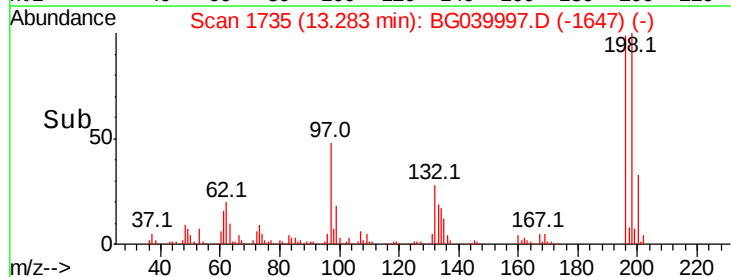
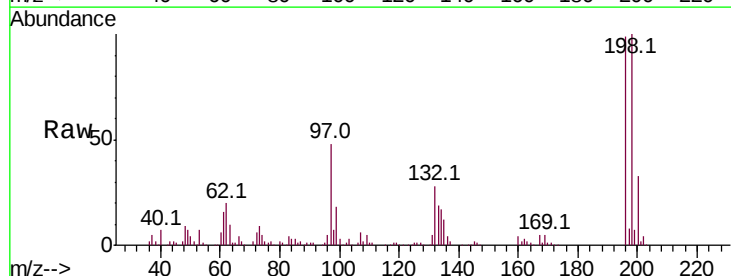
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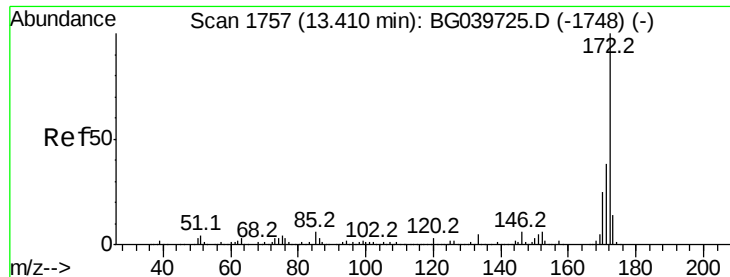
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#44
 2,4,5-Trichlorophenol
 Concen: 50.640 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125125		
198	101.3	78.5	117.7	
97	48.2	38.4	57.6	
132	28.0	19.2	28.8	





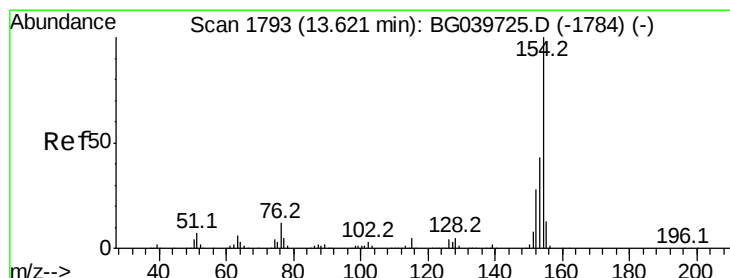
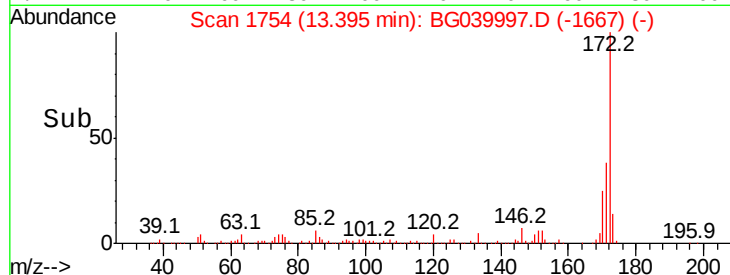
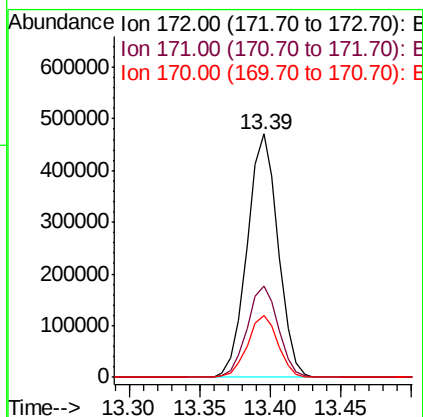
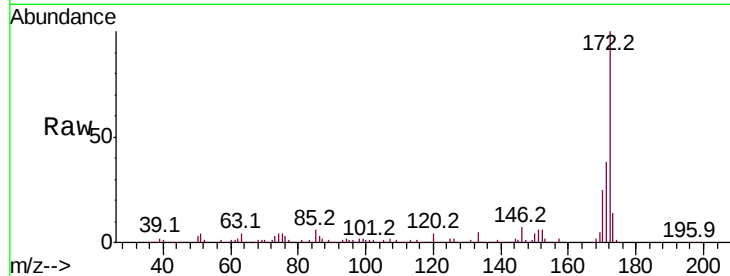
#45
2-Fluorobiphenyl
Concen: 93.075 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.5	20.2	30.4

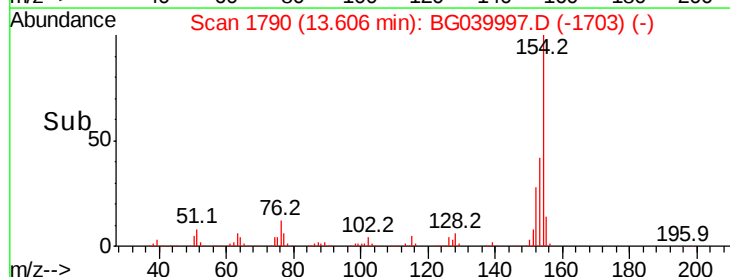
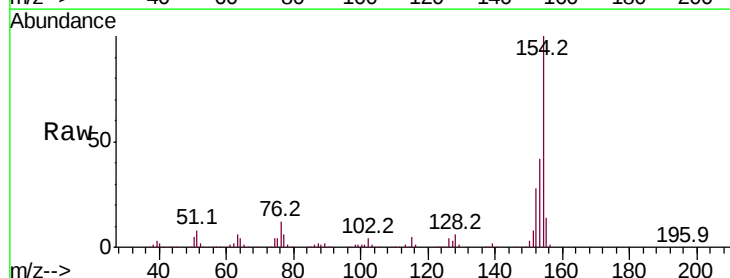
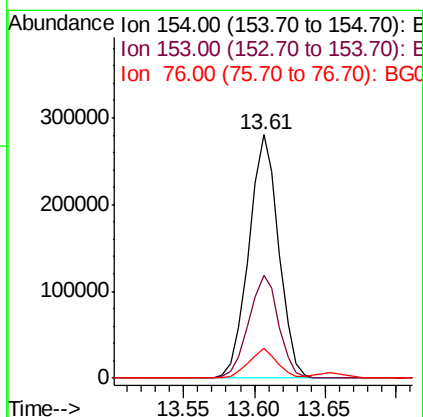
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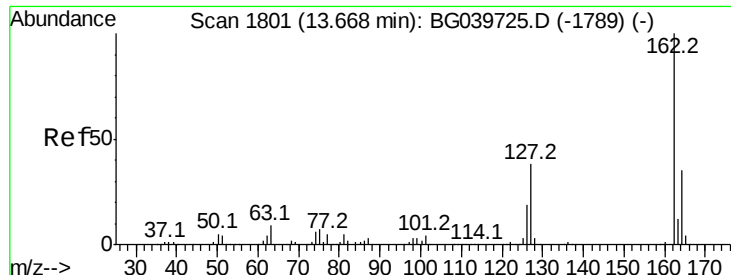
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#46
1,1'-Biphenyl
Concen: 45.761 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	12.4	0.0	32.4





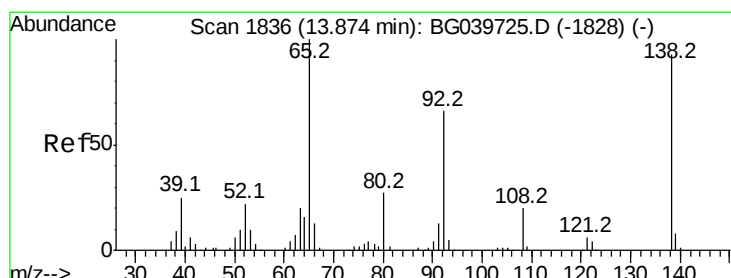
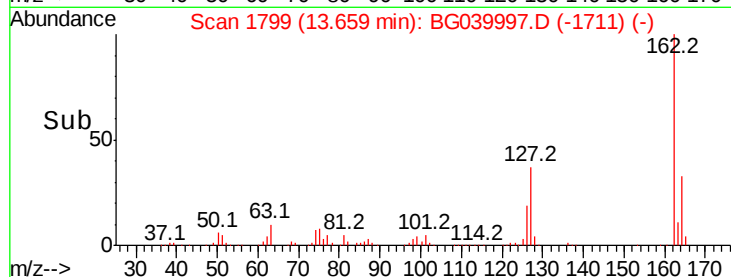
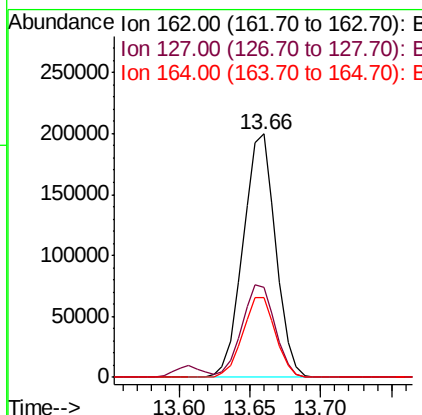
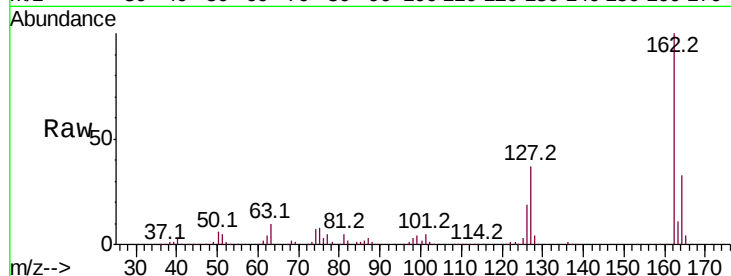
#47
 2-Chloronaphthalene
 Concen: 47.146 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.2	31.0	46.6	
164	32.7	25.7	38.5	

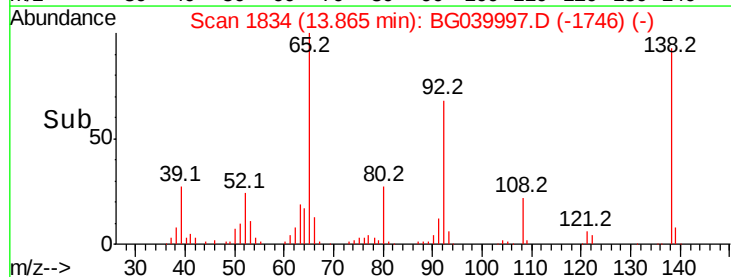
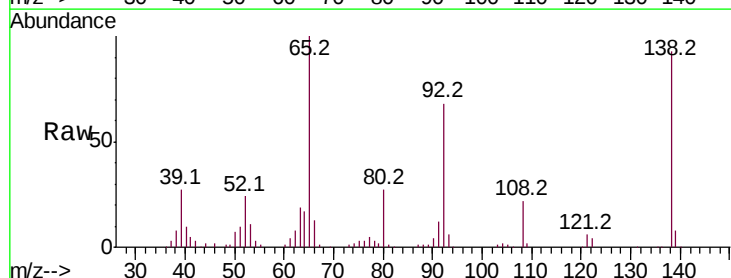
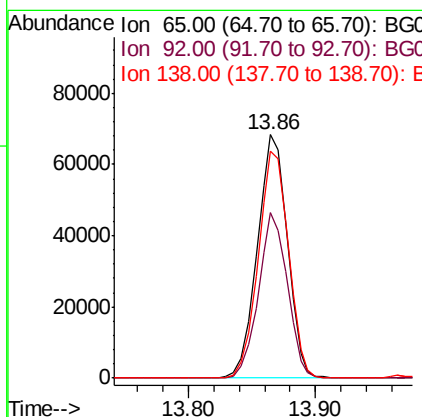
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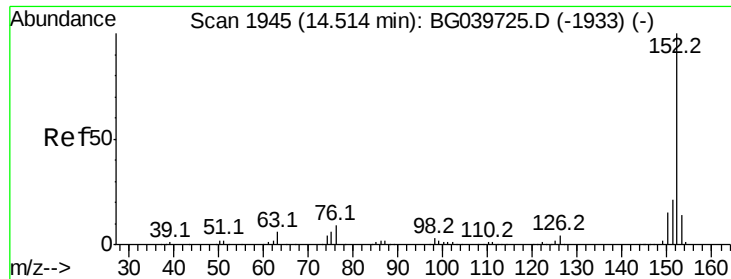
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#48
 2-Nitroaniline
 Concen: 51.301 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	67.8	51.4	77.2	
138	93.4	71.4	107.2	





#49

Acenaphthylene

Concen: 46.057 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

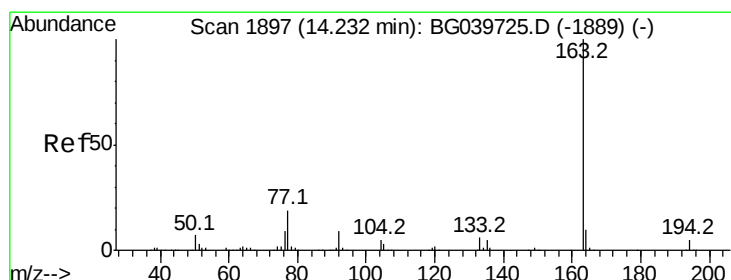
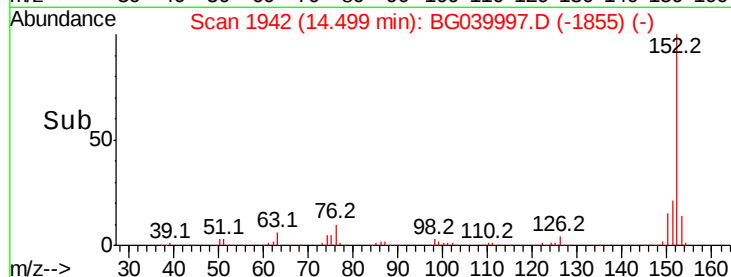
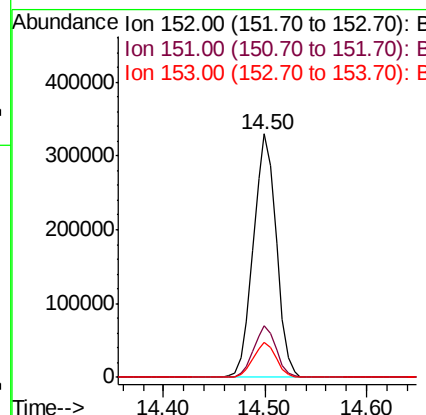
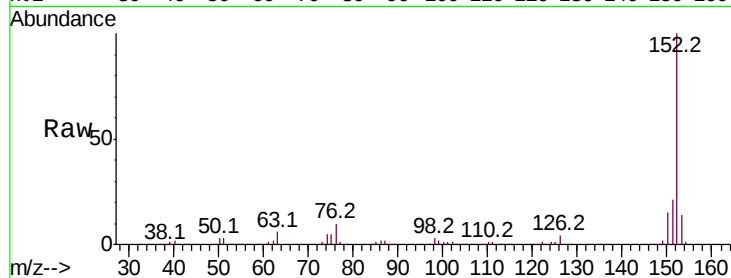
ClientSampleId :

HR-05-031519-AMSD

Tot Ion:	152	Resp:	517048
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	14.3	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.883 ng

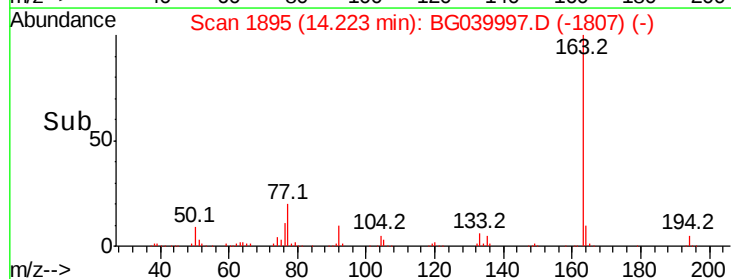
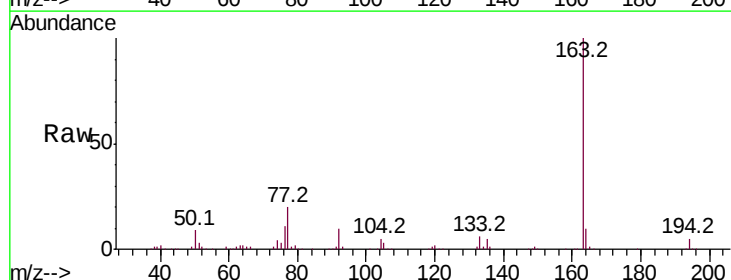
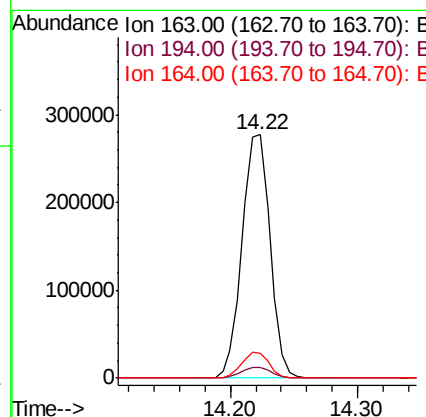
RT: 14.22 min Scan# 1895

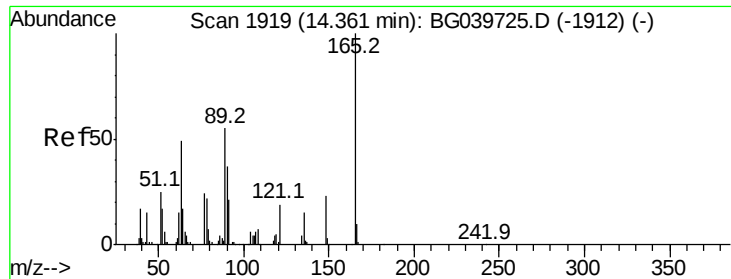
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	163	Resp:	424046
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.2	8.4	12.6





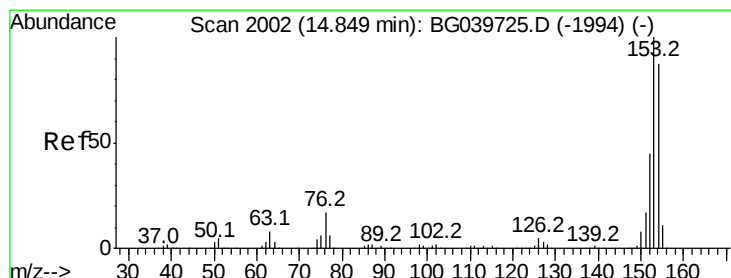
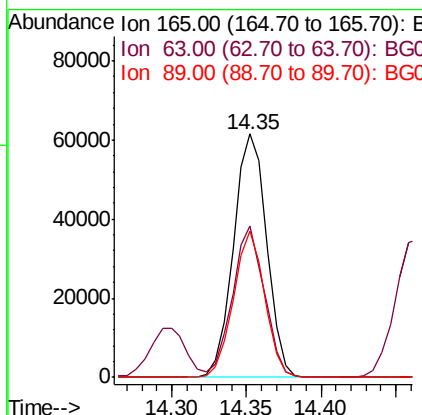
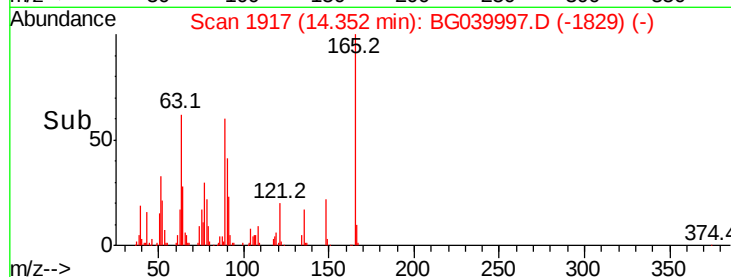
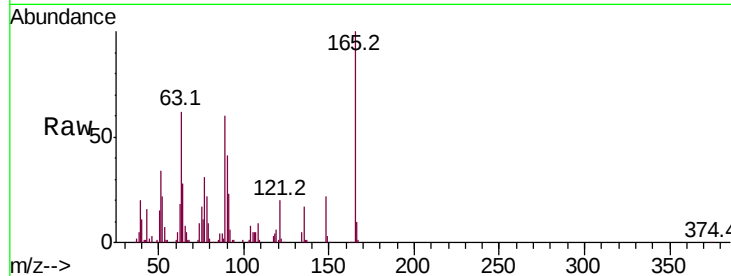
#51
2,6-Dinitrotoluene
Concen: 48.518 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.5	47.0	70.6	
89	60.2	45.8	68.8	

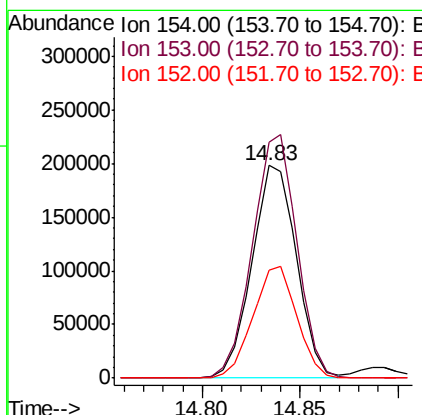
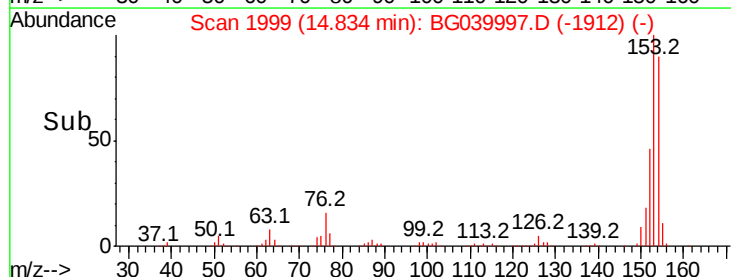
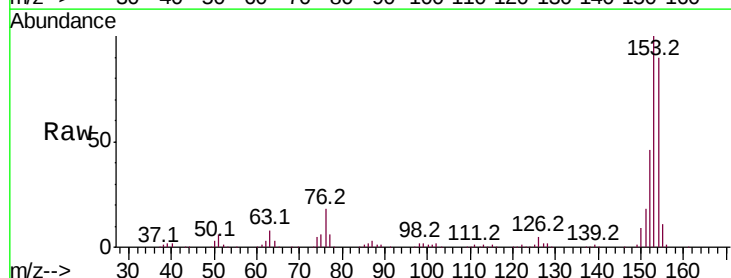
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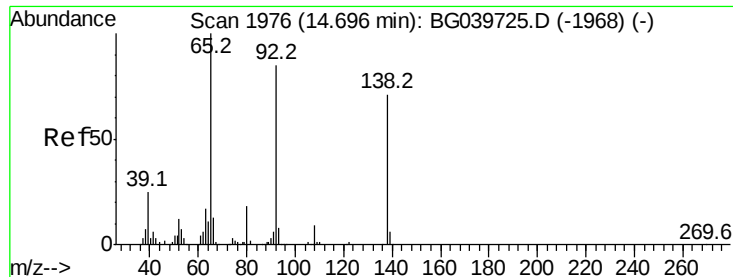
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#52
Acenaphthene
Concen: 46.229 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.1	90.1	135.1	
152	50.9	40.9	61.3	





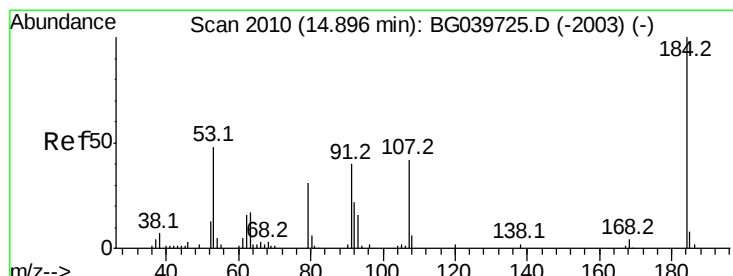
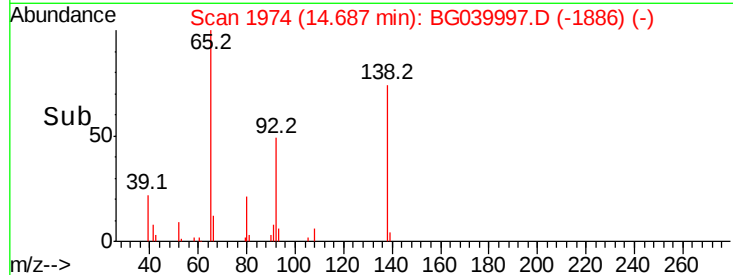
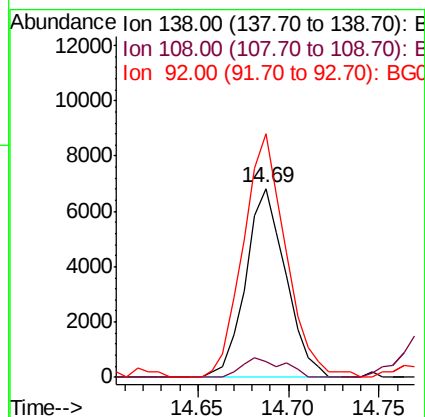
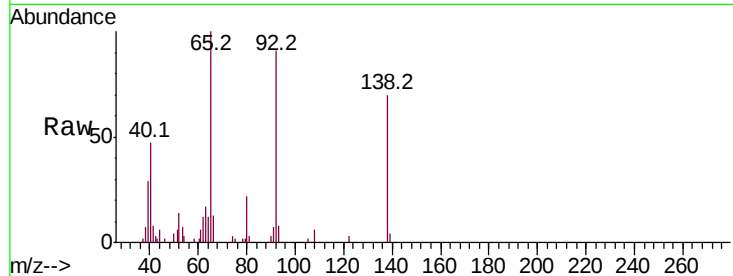
#53
3-Nitroaniline
Concen: 5.291 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion:138 Resp: 10420
Ion Ratio Lower Upper
138 100
108 8.5 13.8 20.8#
92 129.0 103.7 155.5

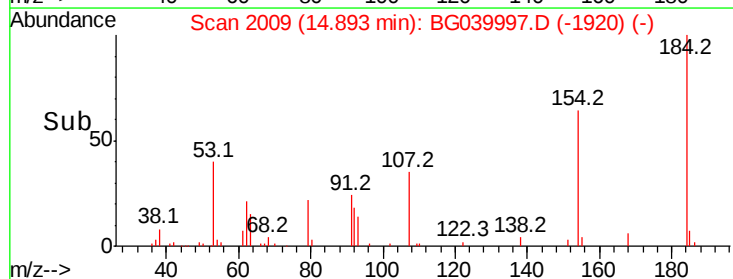
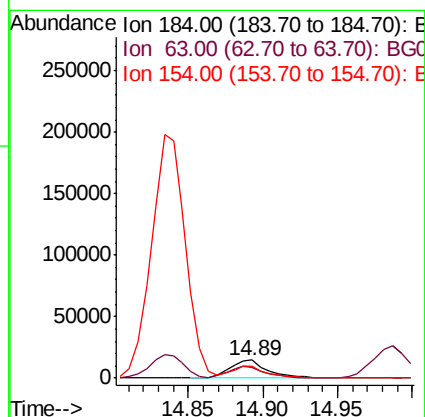
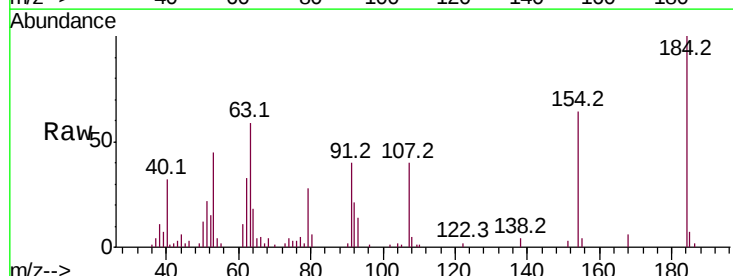
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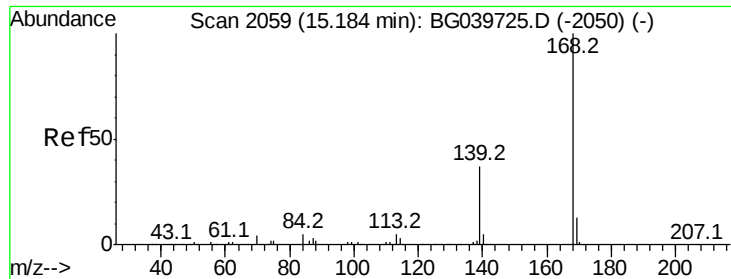
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#54
2,4-Dinitrophenol
Concen: 24.648 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:184 Resp: 25644
Ion Ratio Lower Upper
184 100
63 59.4 50.9 76.3
154 63.6 53.0 79.6





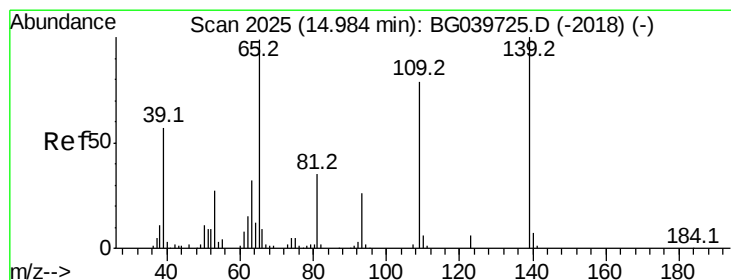
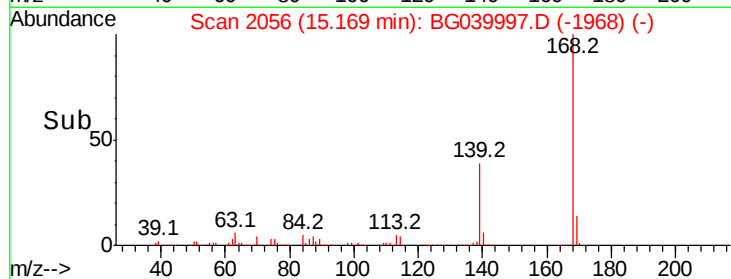
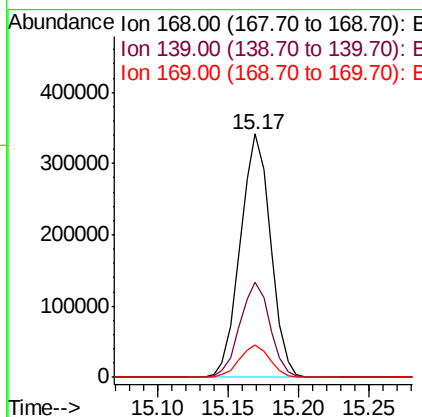
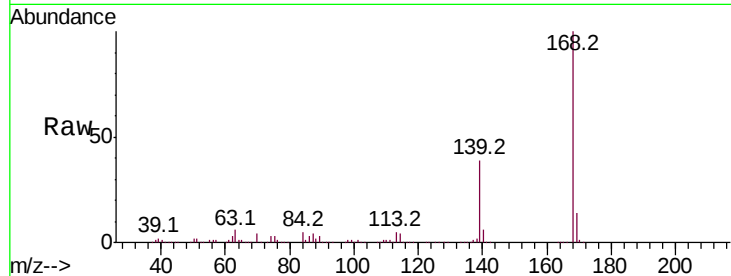
#55
Dibenzofuran
Concen: 46.379 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	13.5	10.6	16.0

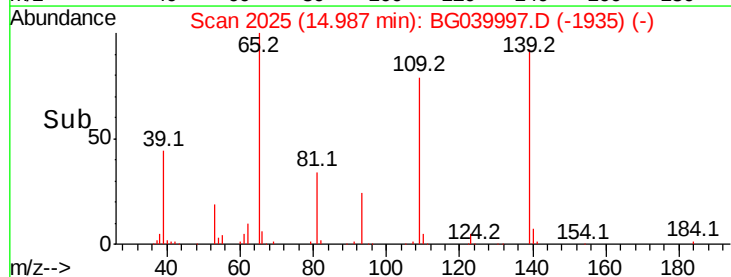
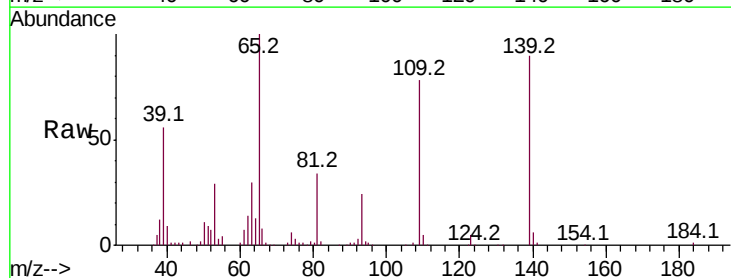
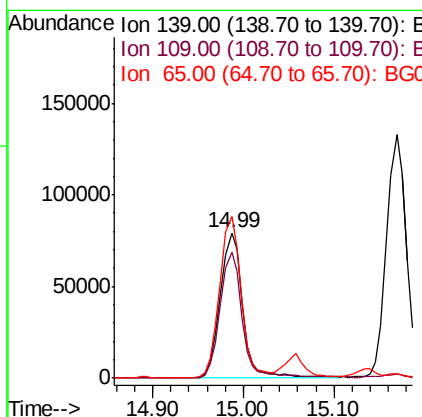
Manual Integrations
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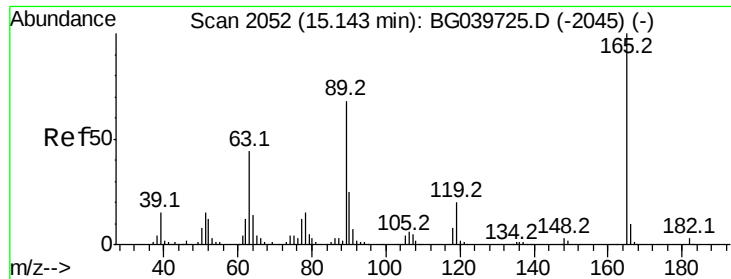
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#56
4-Nitrophenol
Concen: 77.686 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.3	61.9	101.9
65	110.9	99.1	139.1





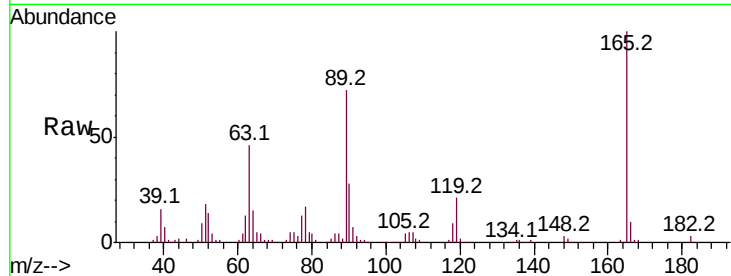
#57
2,4-Dinitrotoluene
Concen: 49.939 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

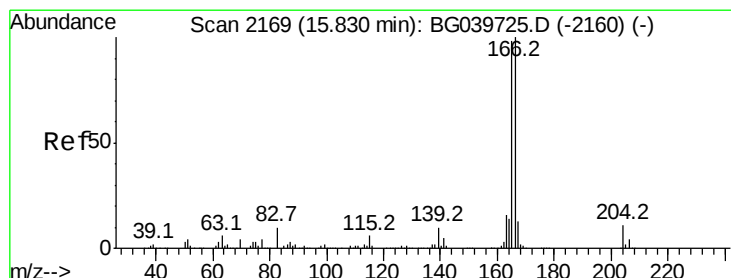
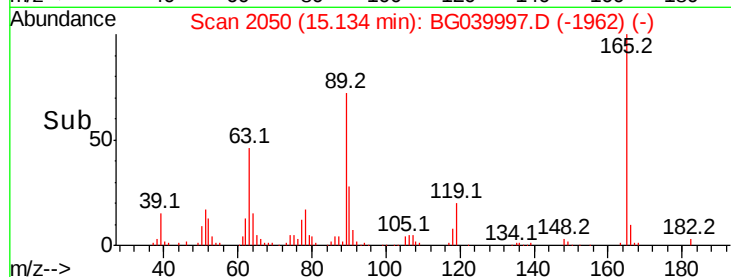
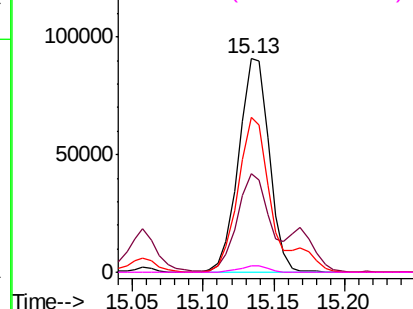
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.1	41.0	61.6	
89	72.3	64.6	96.8	
182	2.8	2.0	3.0	

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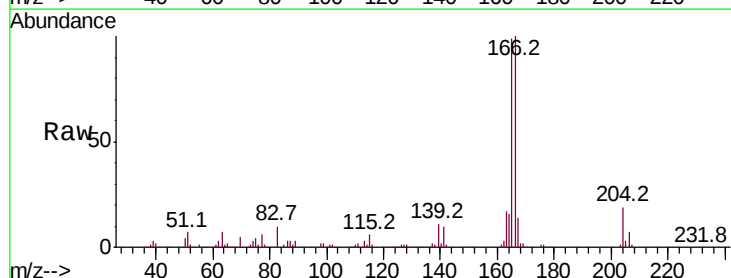


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

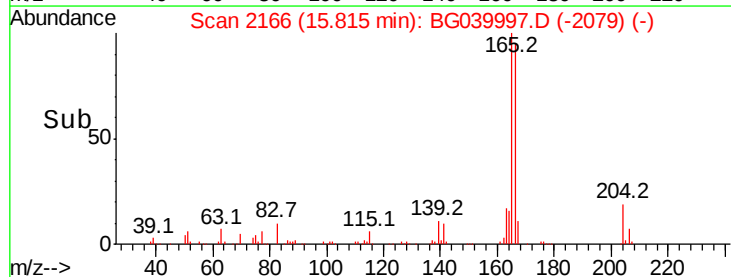
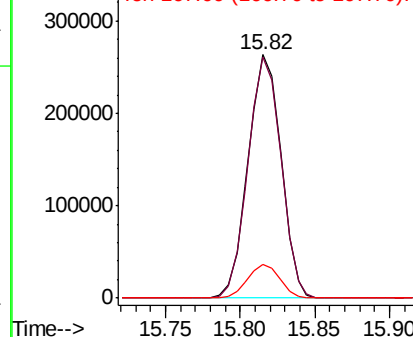


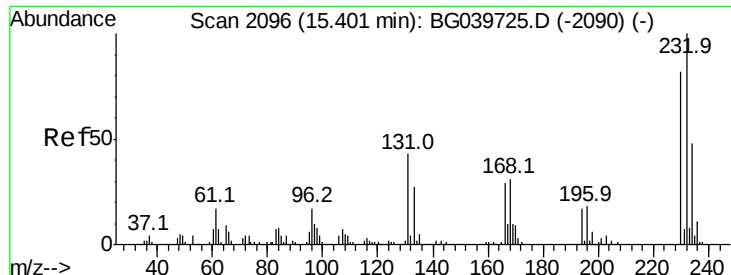
#58
Fluorene
Concen: 46.208 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.2	77.9	116.9	
167	13.6	10.8	16.2	



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





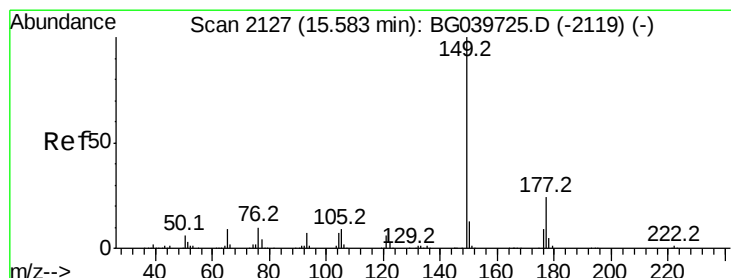
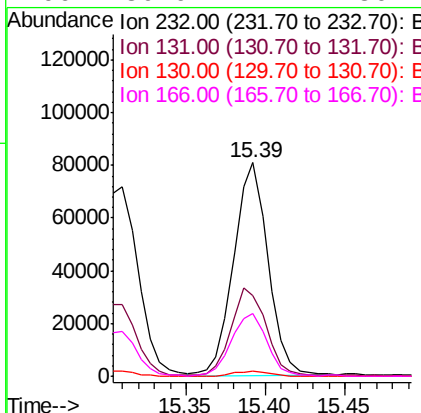
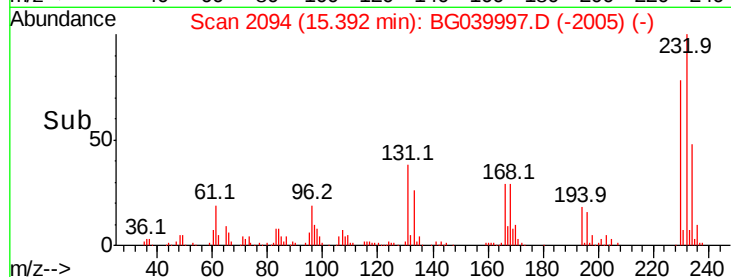
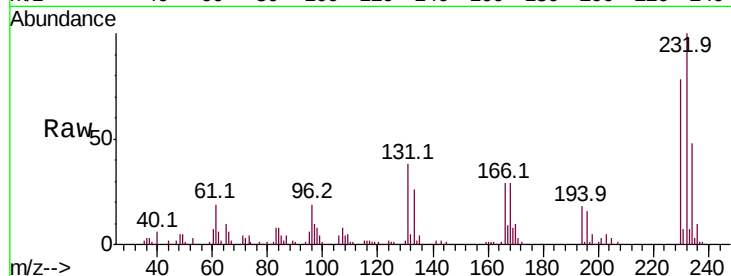
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.371 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	121551		
131	43.0		34.9	52.3
130	2.4		2.0	3.0
166	30.9		24.1	36.1

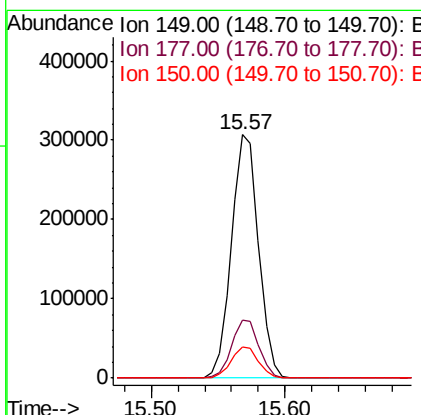
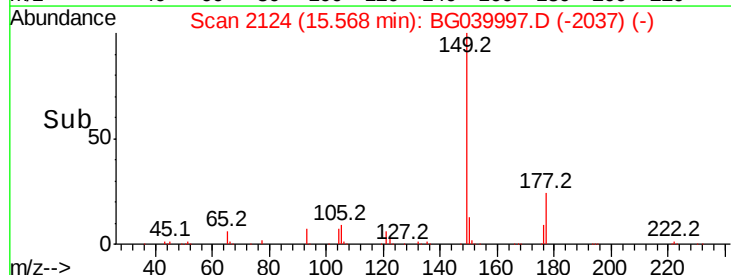
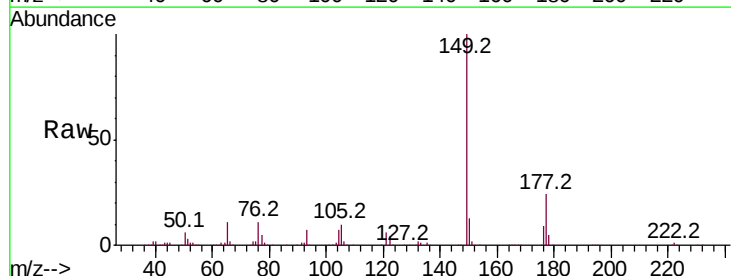
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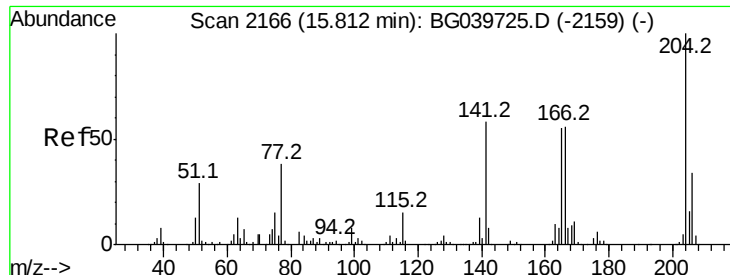
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#60
 Diethylphthalate
 Concen: 47.358 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	433270		
177	23.7		18.3	27.5
150	12.9		10.2	15.2





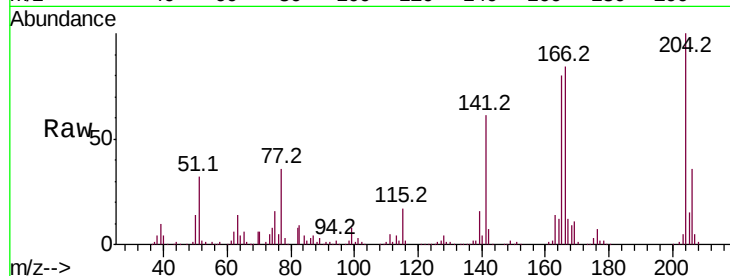
#61
 4-Chlorophenyl-phenylether
 Concen: 46.706 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	29.2	43.8
141	61.0	49.0	73.4

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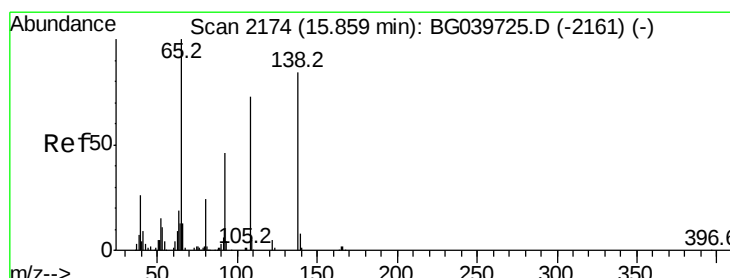
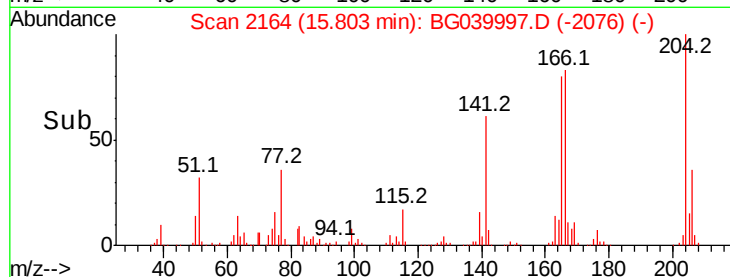
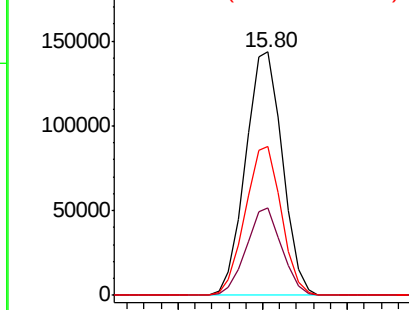


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 43.724 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

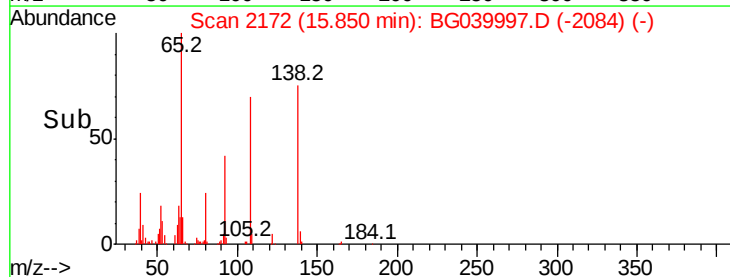
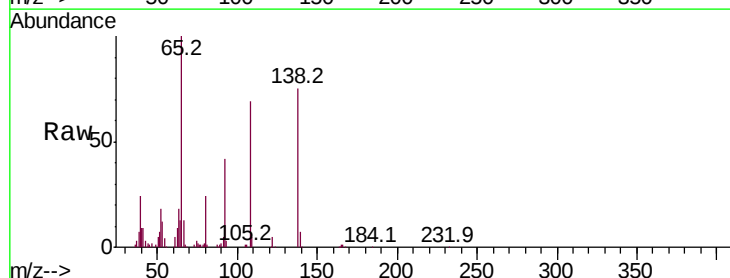
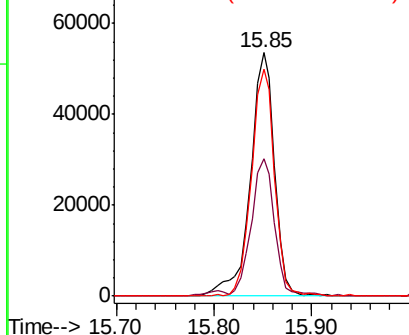
Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	38.7	78.7
108	93.1	74.6	114.6

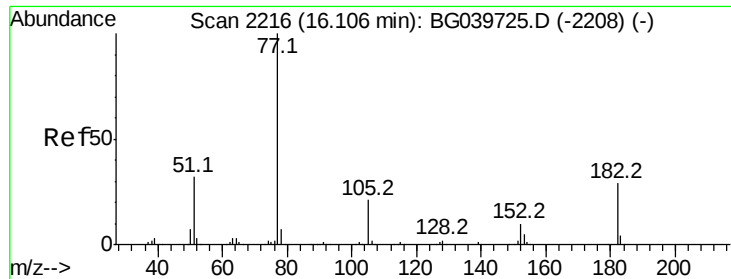
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





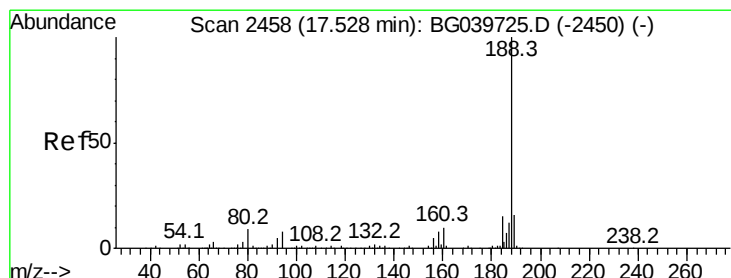
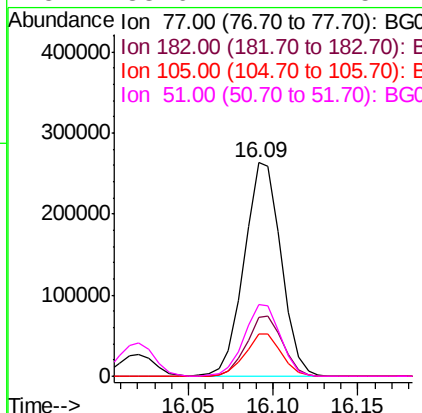
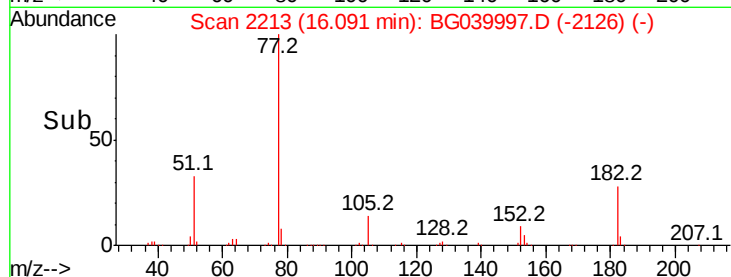
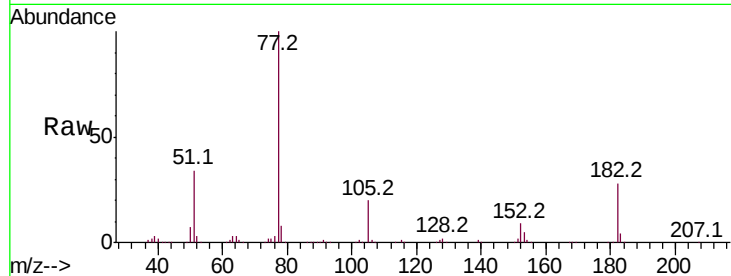
#63
Azobenzene
Concen: 48.111 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.4	46.4
105	19.5	0.0	39.8
51	33.6	14.1	54.1

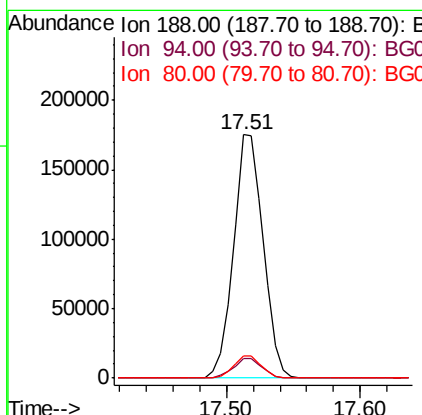
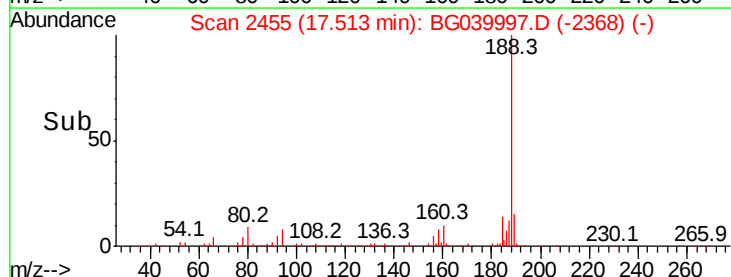
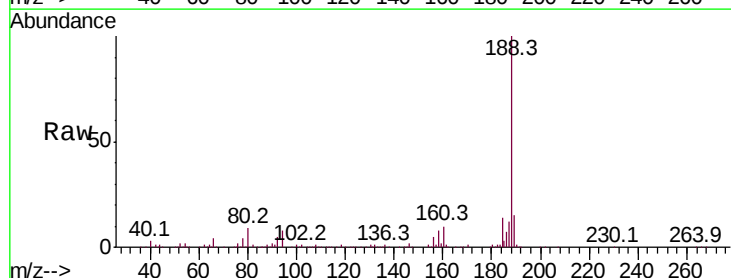
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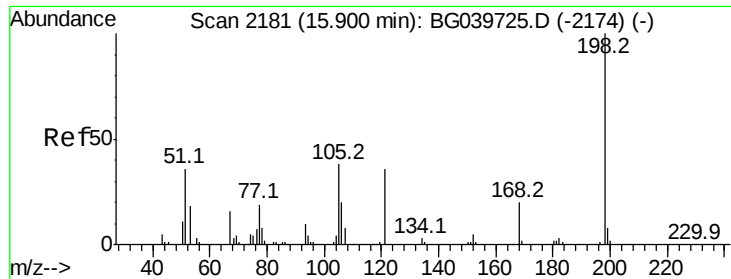
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

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





#65

4,6-Dinitro-2-methylphenol

Concen: 22.850 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

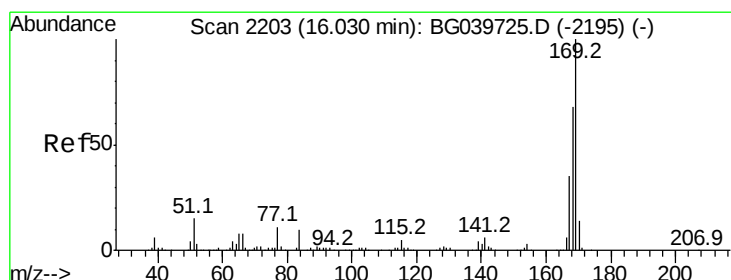
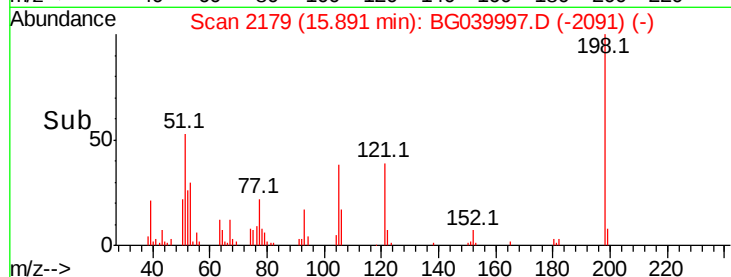
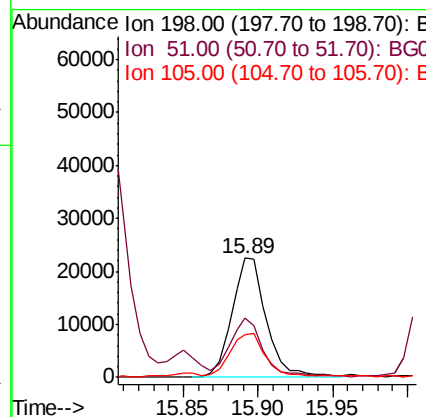
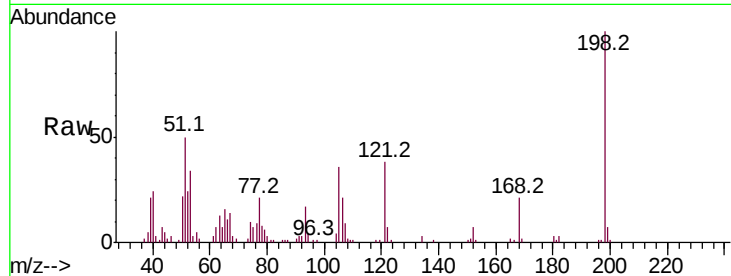
ClientSampleId :

HR-05-031519-AMSD

Tot Ion:	198	Resp:	36380
Ion Ratio	Lower	Upper	
198	100		
51	49.8	27.4	67.4
105	36.2	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 47.834 ng

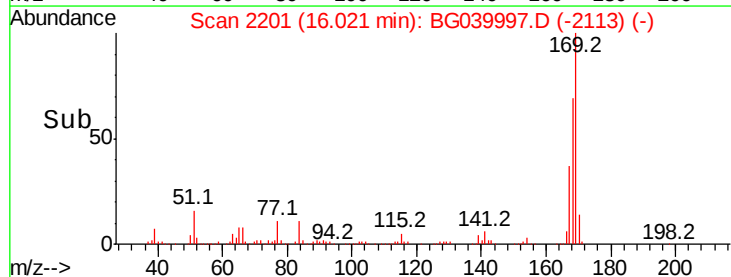
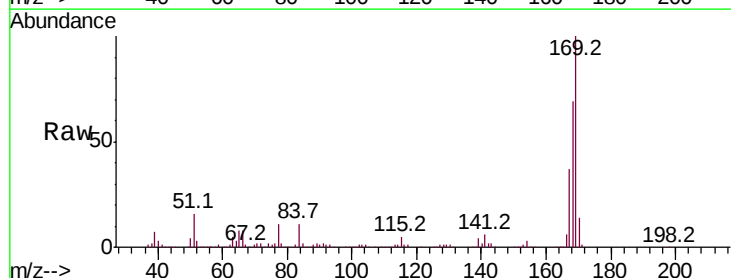
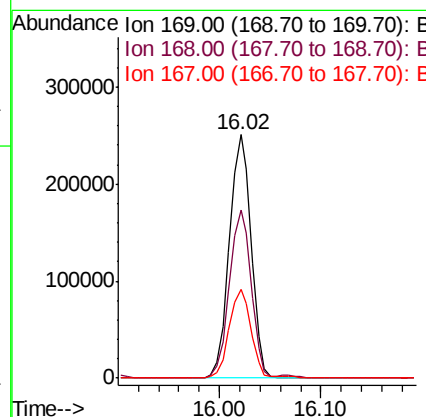
RT: 16.02 min Scan# 2201

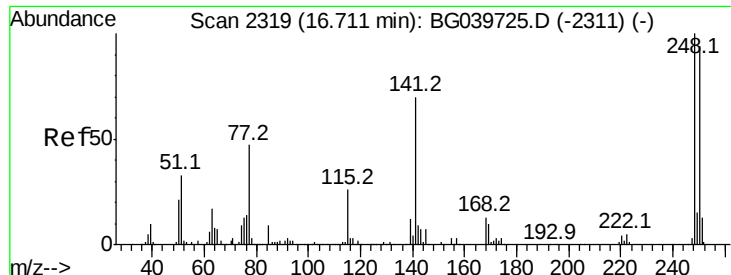
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	169	Resp:	372896
Ion Ratio	Lower	Upper	
169	100		
168	69.0	56.6	85.0
167	36.6	28.8	43.2





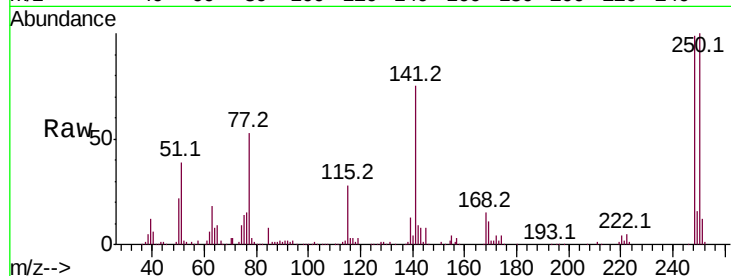
#67
 4-Bromophenyl-phenylether
 Concen: 47.015 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.6	77.6	116.4
141	75.8	63.9	95.9

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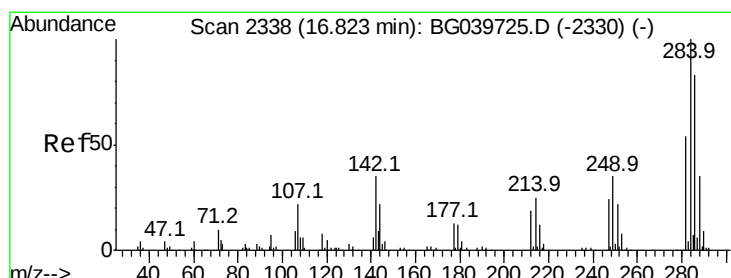
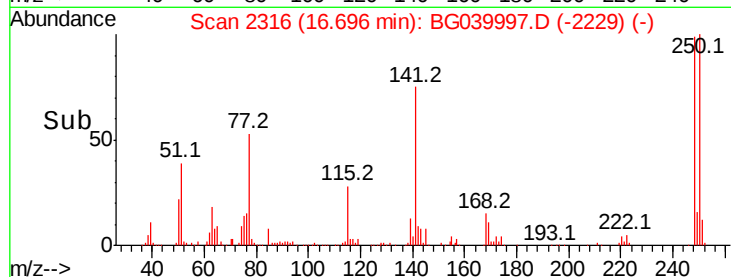
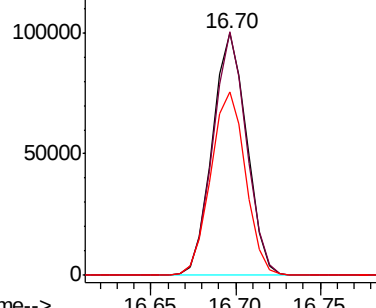


Abundance

Ion 248.00 (247.70 to 248.70): E

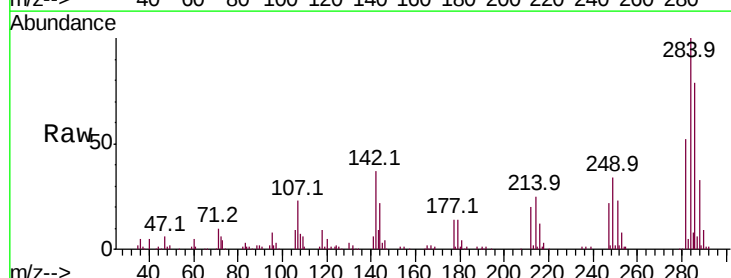
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 46.504 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	30.6	45.8
249	33.9	28.2	42.2

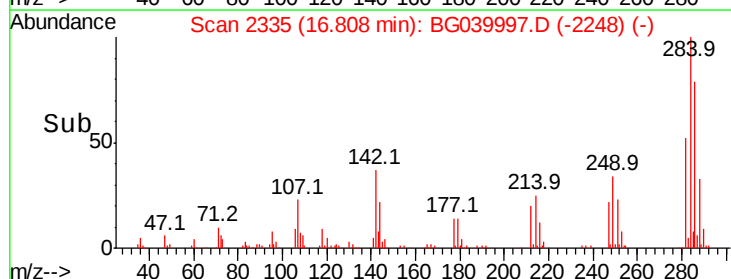
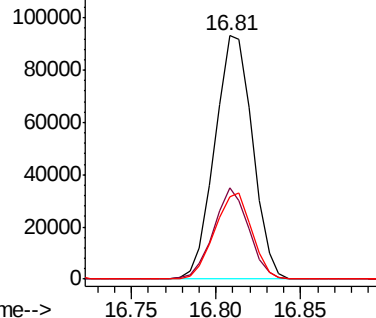


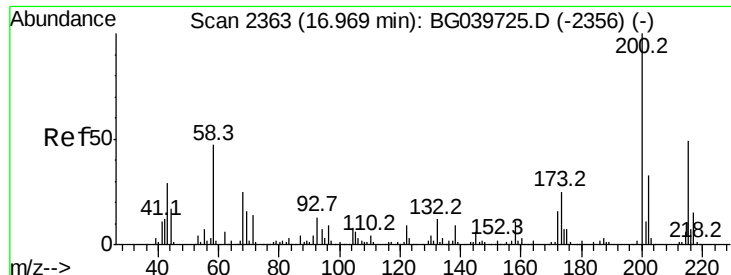
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





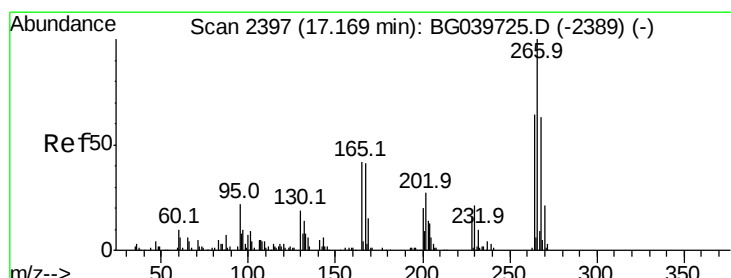
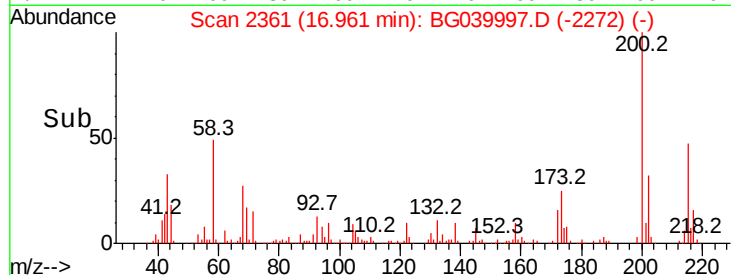
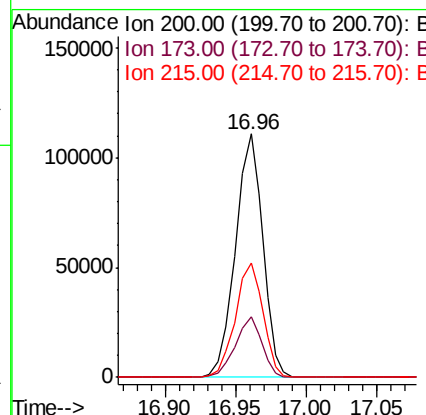
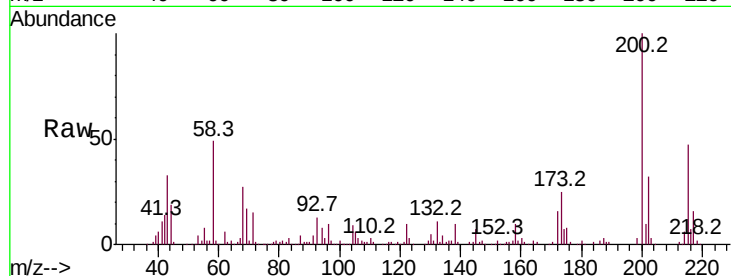
#69
Atrazine
Concen: 48.470 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.8	3.9	43.9
215	47.0	30.9	70.9

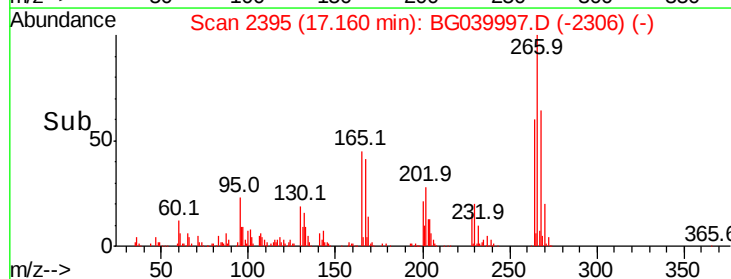
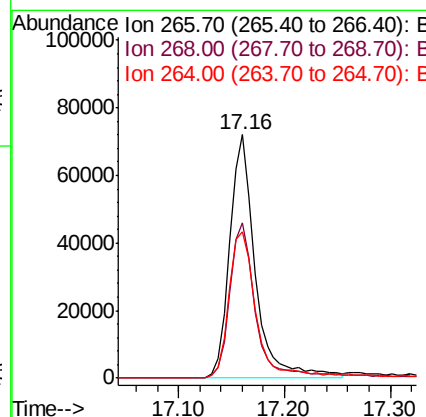
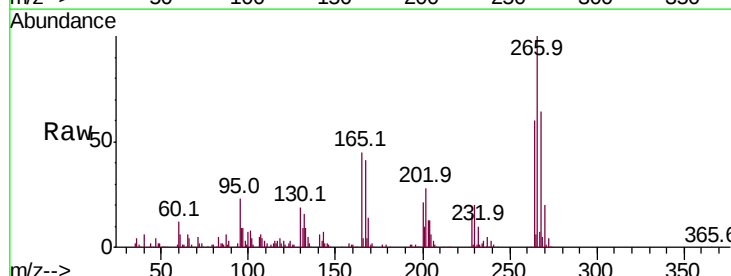
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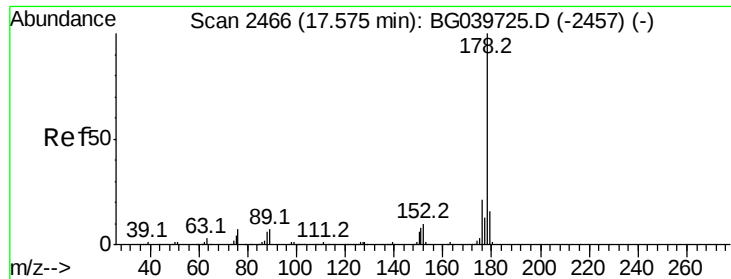
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#70
Pentachlorophenol
Concen: 61.372 ng
RT: 17.16 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	51.1	76.7
264	60.3	52.1	78.1





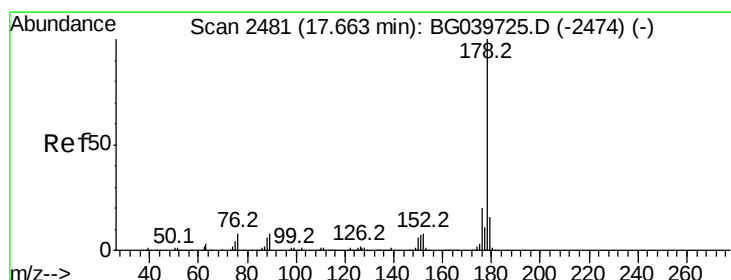
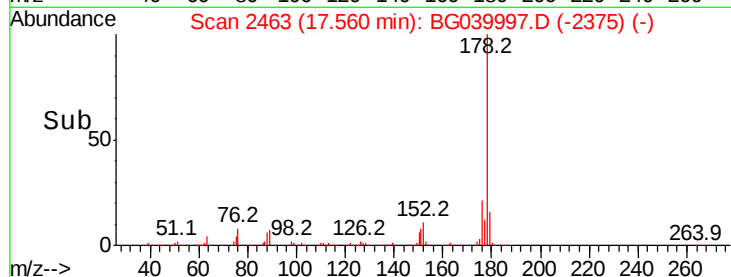
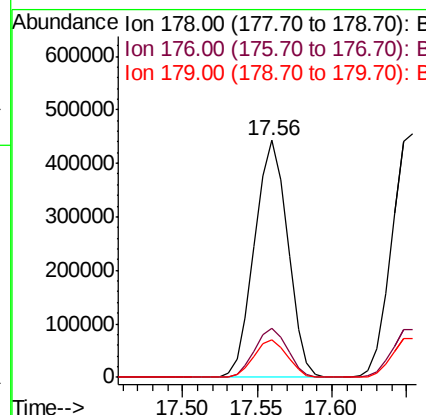
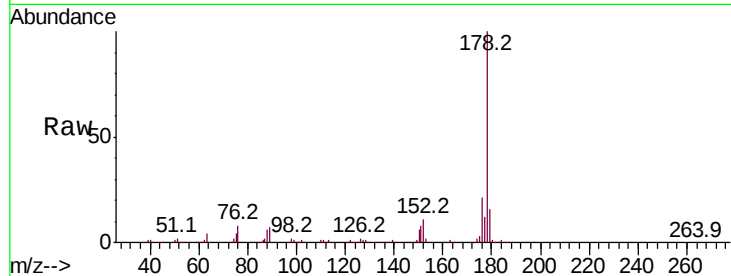
#71
Phenanthrene
Concen: 46.033 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.8	12.6	19.0

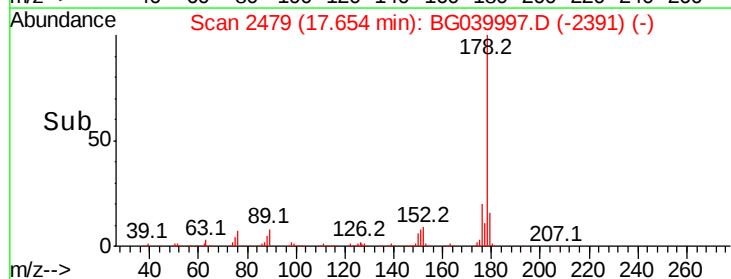
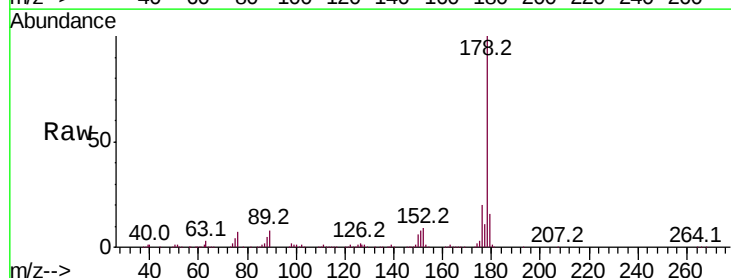
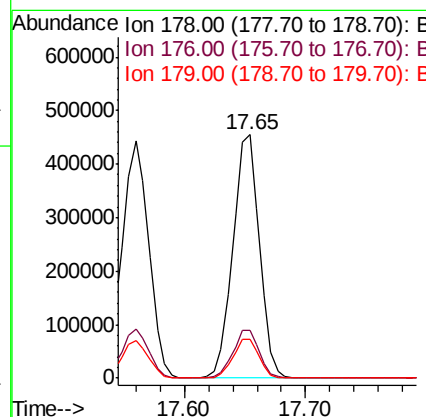
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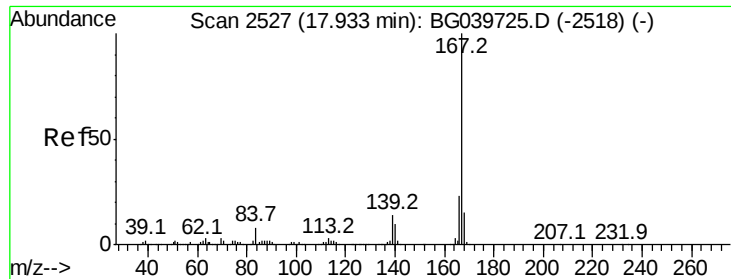
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#72
Anthracene
Concen: 47.905 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	15.7	12.5	18.7





#73

Carbazole

Concen: 47.856 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

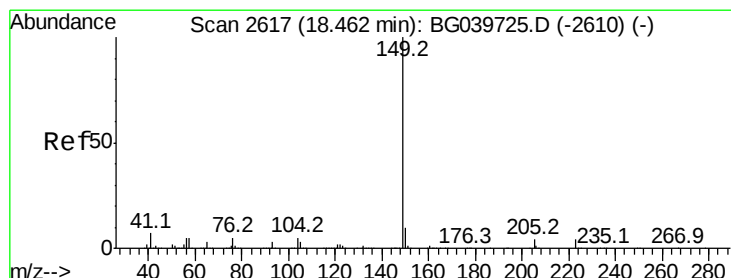
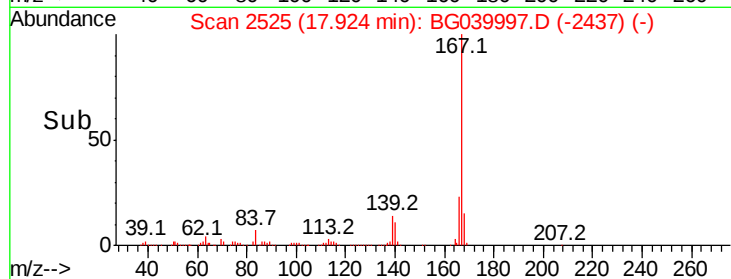
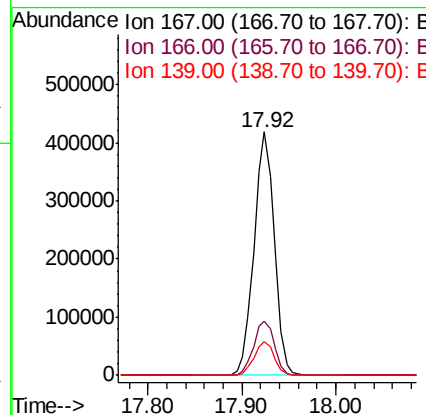
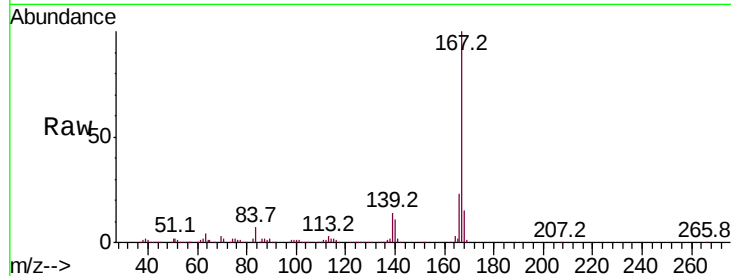
ClientSampleId :

HR-05-031519-AMSD

Tot Ion:	167	Resp:	623572
Ion Ratio	Lower	Upper	
167	100		
166	22.5	19.4	29.2
139	13.6	10.8	16.2

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 48.750 ng

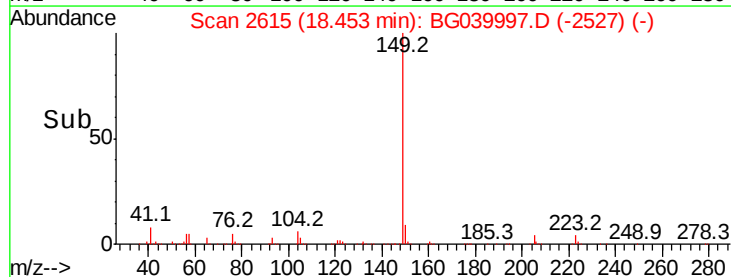
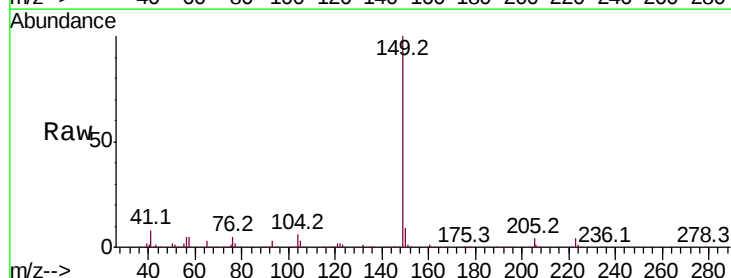
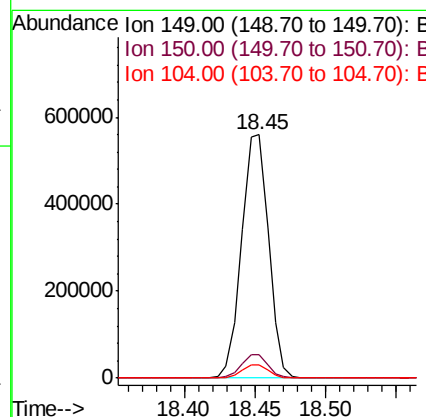
RT: 18.45 min Scan# 2615

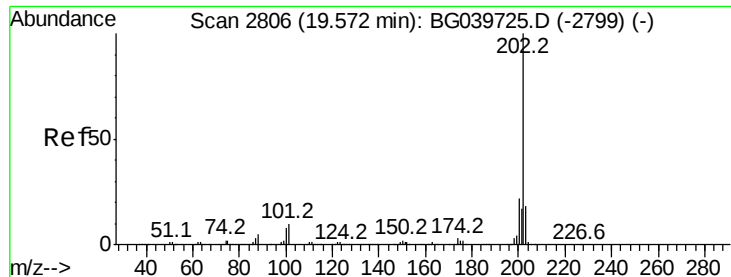
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	149	Resp:	747377
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 47.197 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

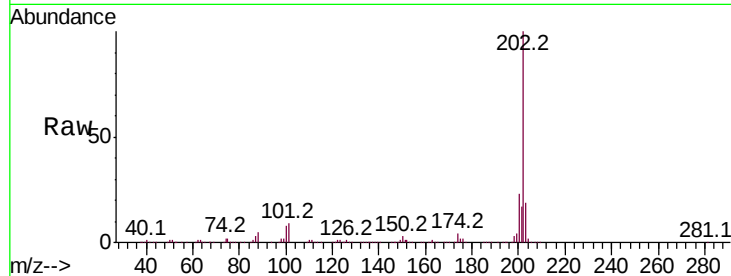
ClientSampleId :

HR-05-031519-AMSD

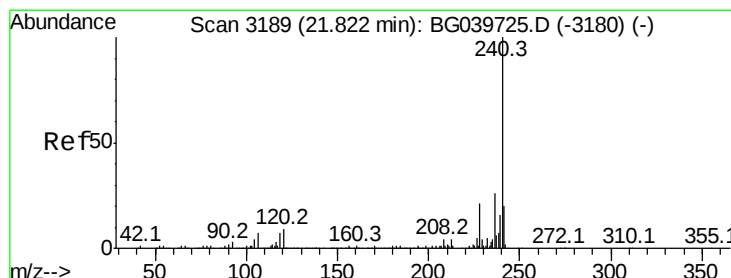
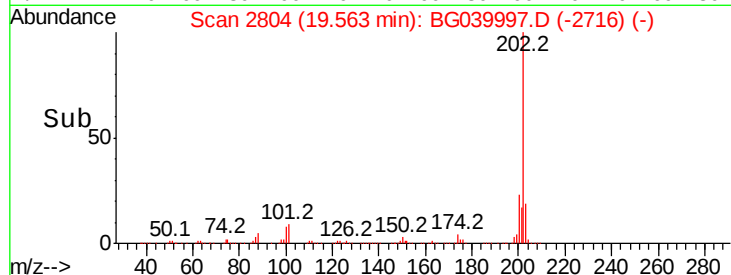
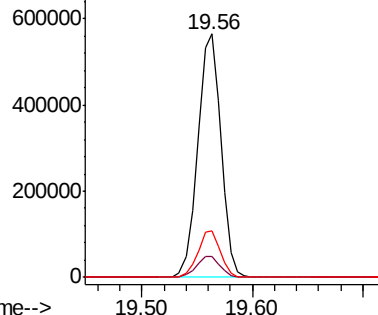
Tot Ion:	202	Resp:	827318
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	30.0
203	18.9	0.0	38.9

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

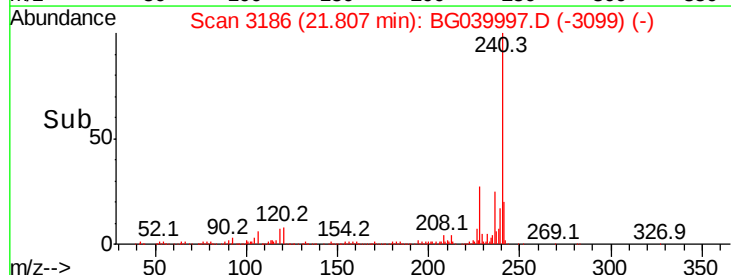
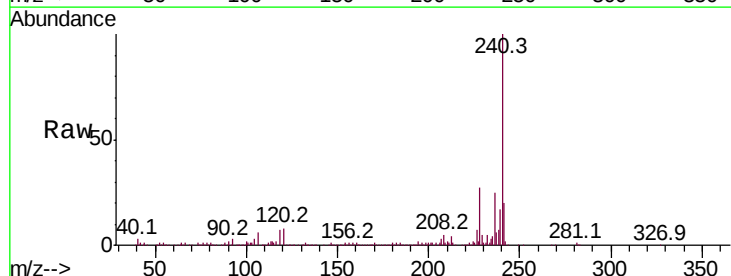
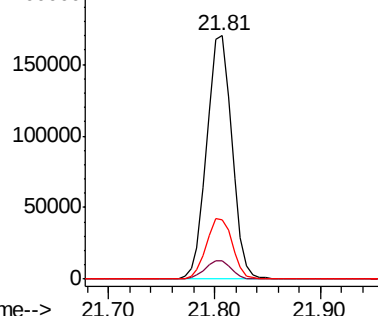
Delta R.T. -0.02 min

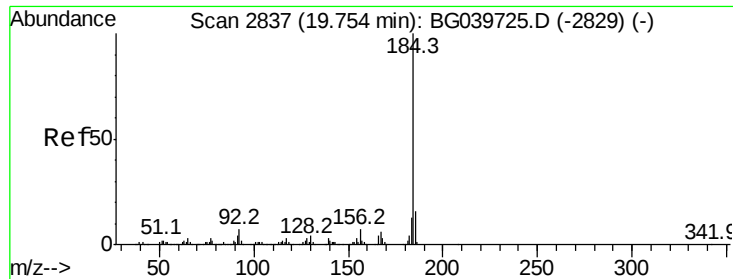
Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	240	Resp:	279401
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.0	10.6
236	24.5	21.0	31.4

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





#77

Benzidine

Concen: 7.218 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

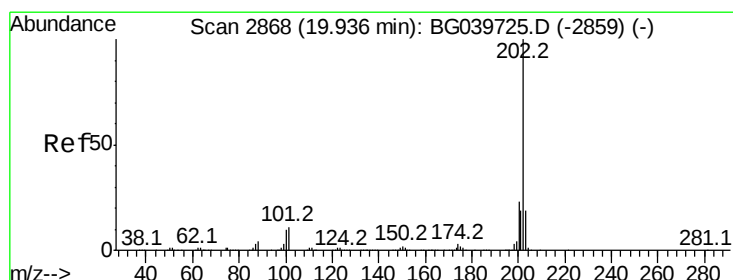
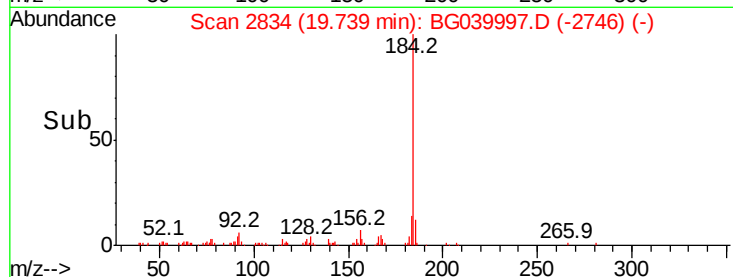
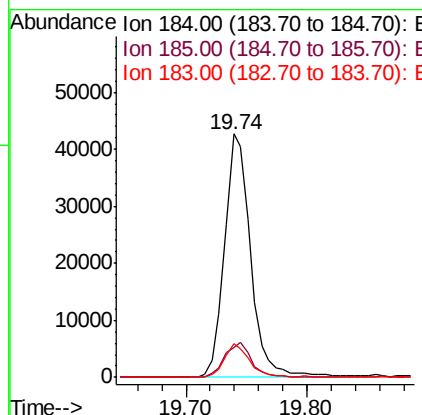
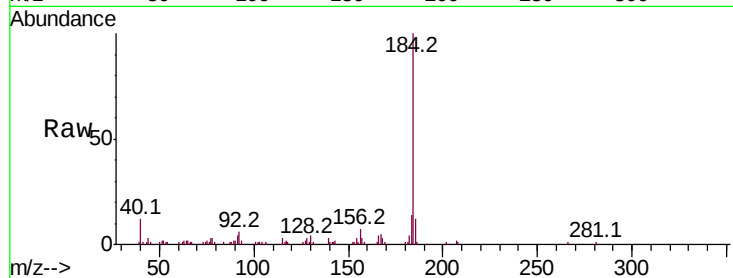
ClientSampleId :

HR-05-031519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	12.3	12.2	18.2	
183	13.8	10.6	15.8	

Manual Integrations
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#78

Pyrene

Concen: 46.620 ng

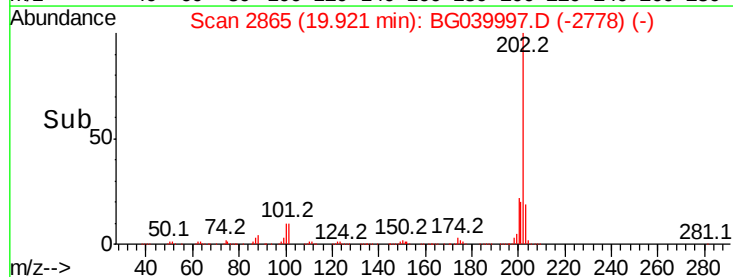
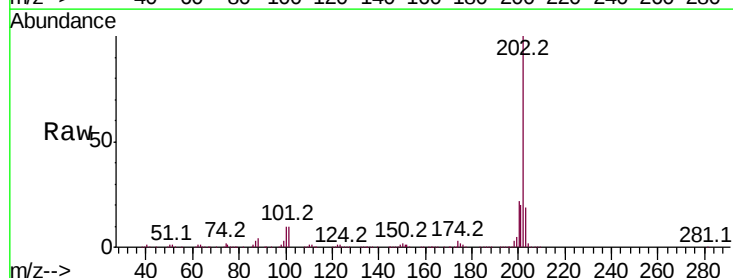
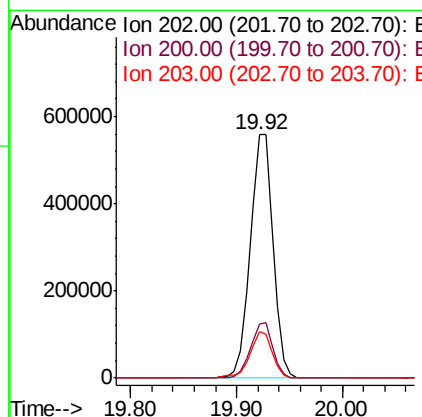
RT: 19.92 min Scan# 2865

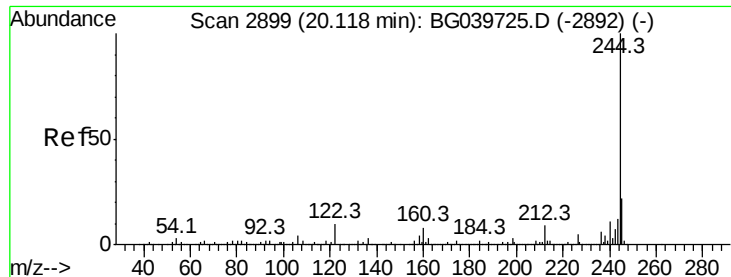
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.5	17.8	26.8	
203	19.0	15.3	22.9	





#79

Terphenyl-d14

Concen: 91.658 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-AMSD

Tot Ion:244 Resp: 1163111

Ion Ratio Lower Upper

244 100

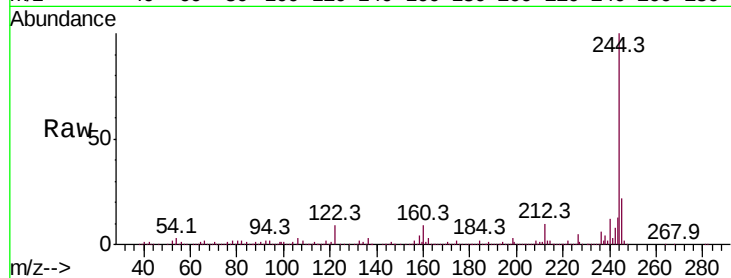
212 9.6 7.3 10.9

122 9.3 8.4 12.6

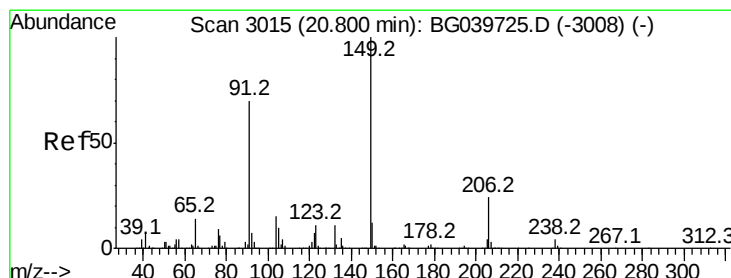
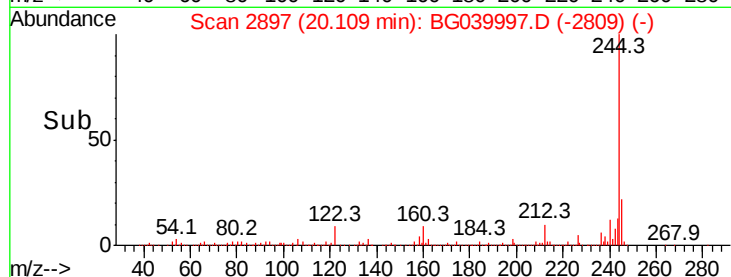
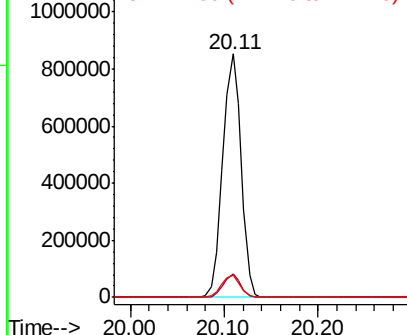
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.628 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

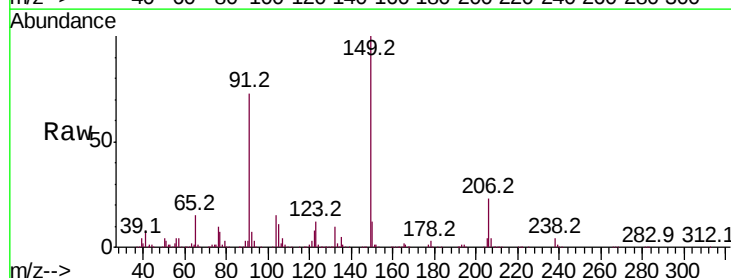
Tgt Ion:149 Resp: 356118

Ion Ratio Lower Upper

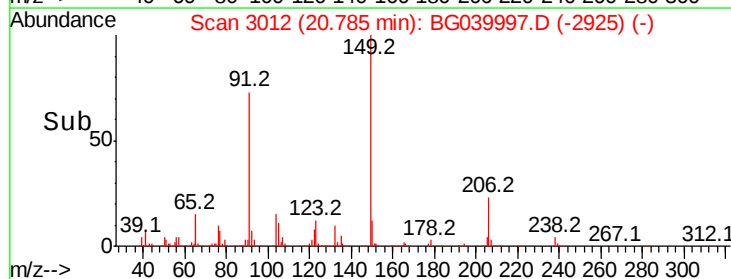
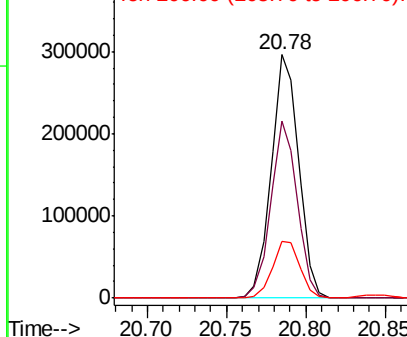
149 100

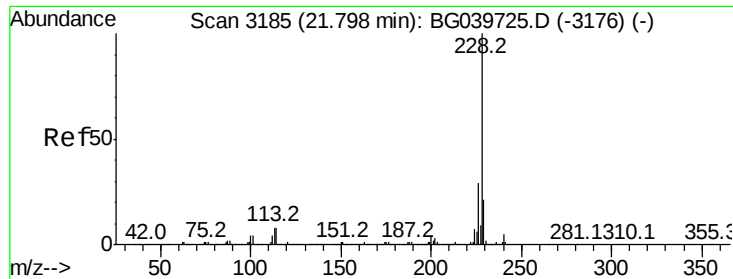
91 72.7 59.5 89.3

206 23.1 18.6 27.8



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





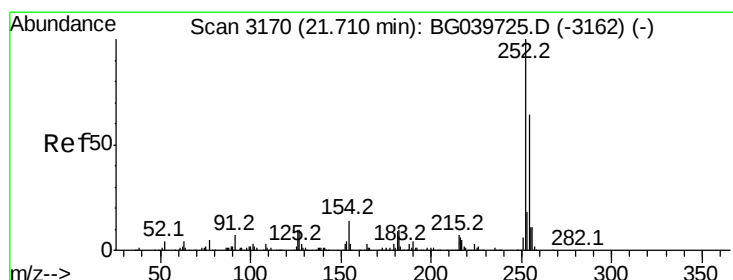
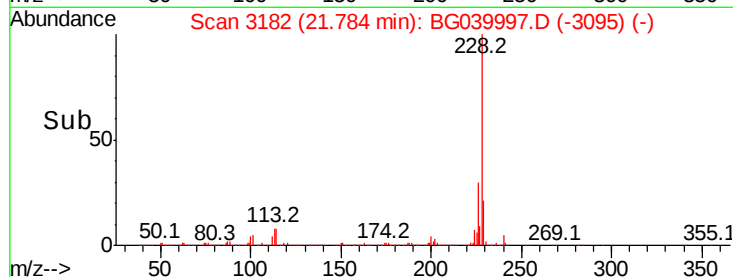
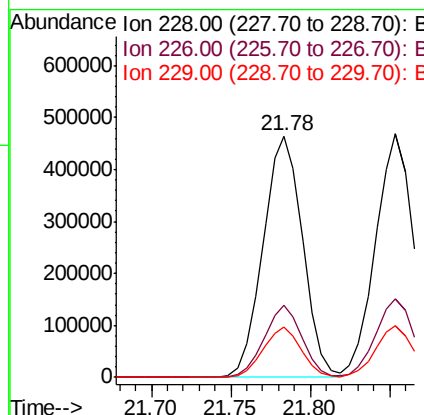
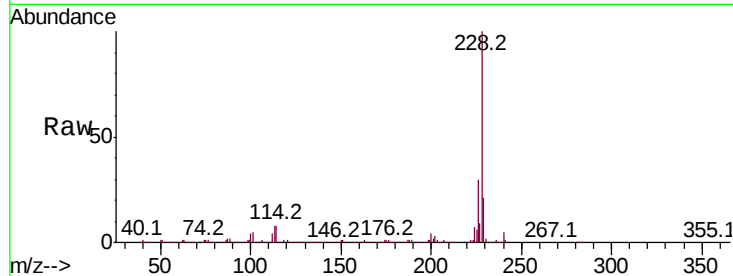
#81
Benzo(a)anthracene
Concen: 46.021 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.6
229	20.9	16.9	25.3

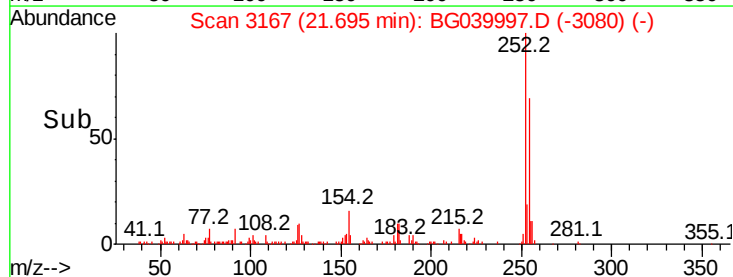
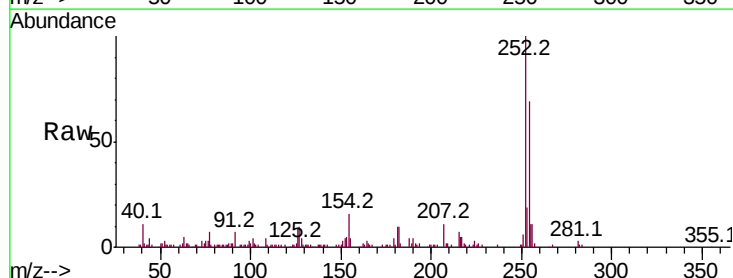
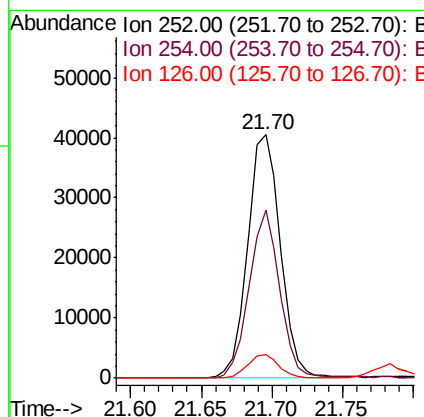
Manual Integrations
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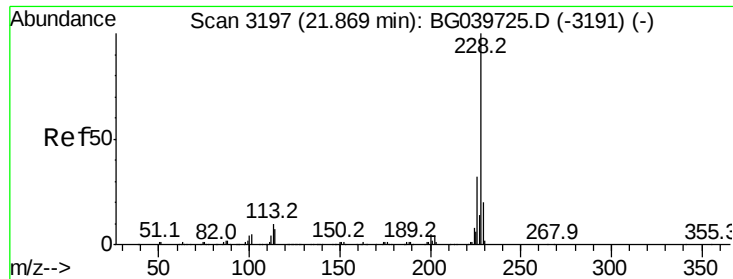
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#82
3,3'-Dichlorobenzidine
Concen: 10.343 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	69.1	51.3	76.9
126	9.5	8.0	12.0





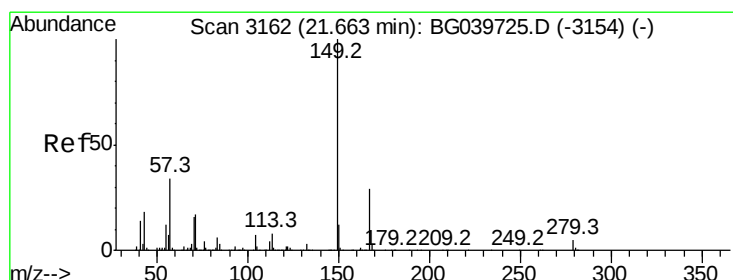
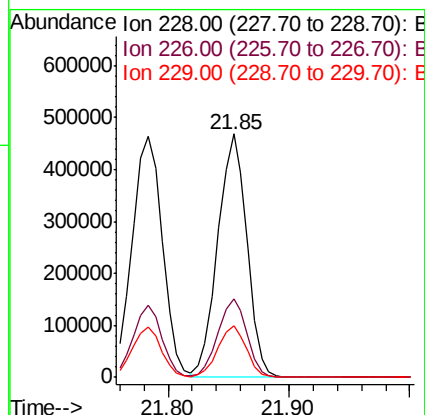
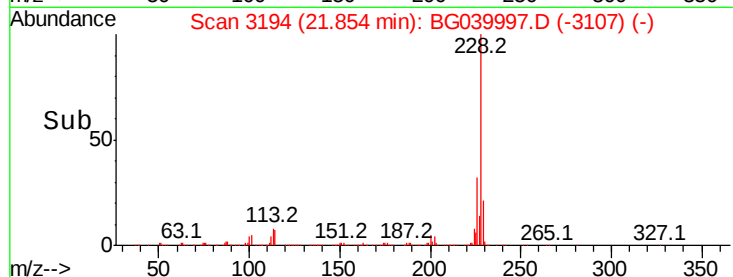
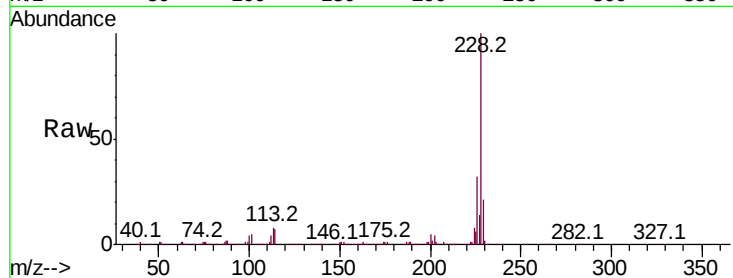
#83
Chrysene
Concen: 45.763 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion:	228	Resp:	776889
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.8	38.6
229	21.3	16.6	25.0

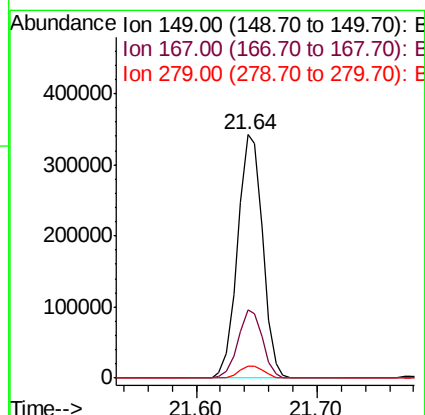
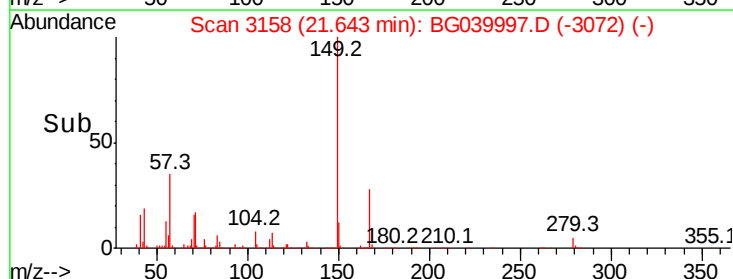
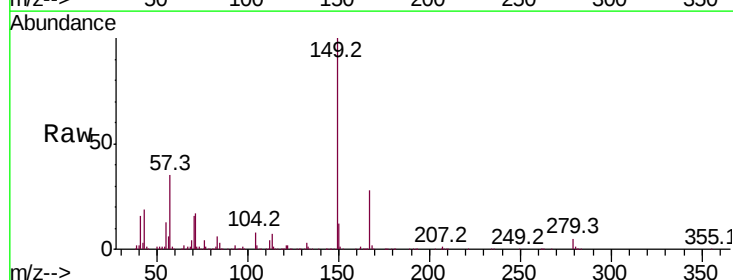
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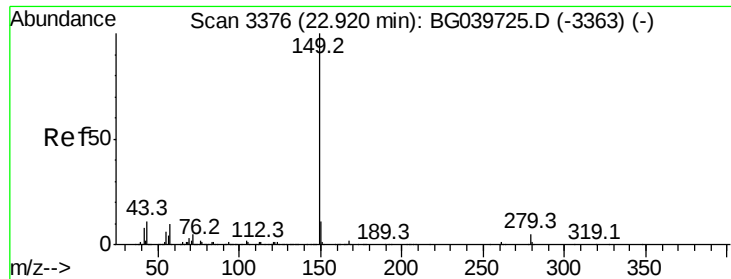
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.060 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:	149	Resp:	494813
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.6	34.0
279	4.9	3.5	5.3





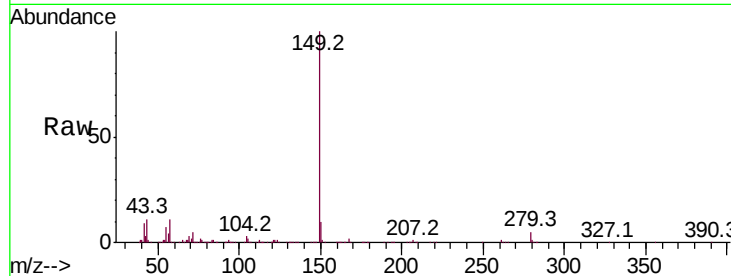
#85
Di-n-octyl phthalate
Concen: 51.212 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	11.3	10.2	15.4	

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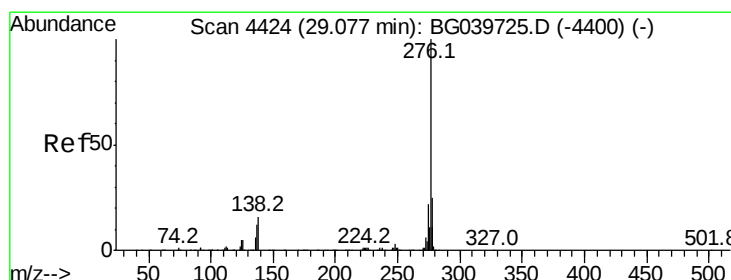
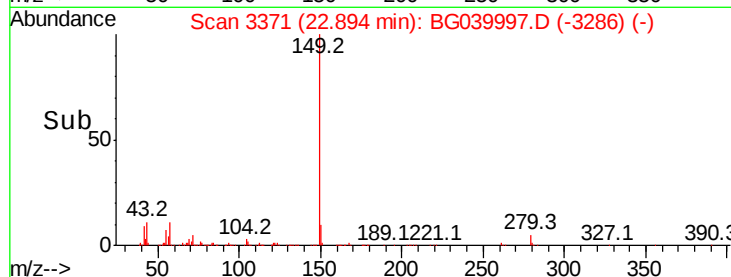
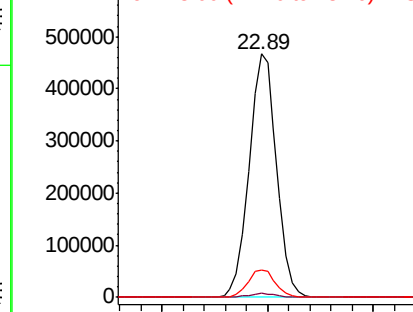


Abundance

Ion 149.00 (148.70 to 149.70): E

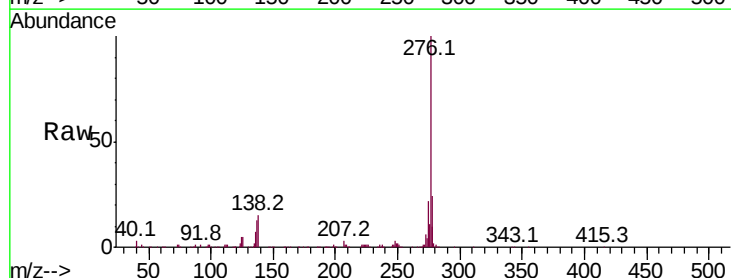
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.524 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.06 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	8.4	12.6	19.0	#
277	25.4	20.8	31.2	

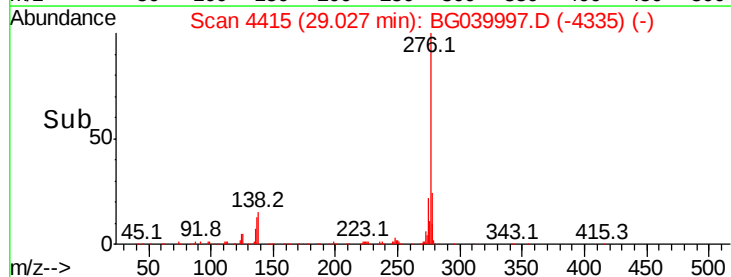
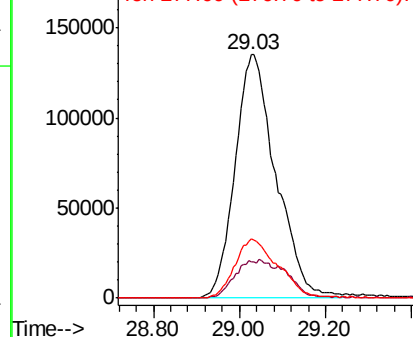


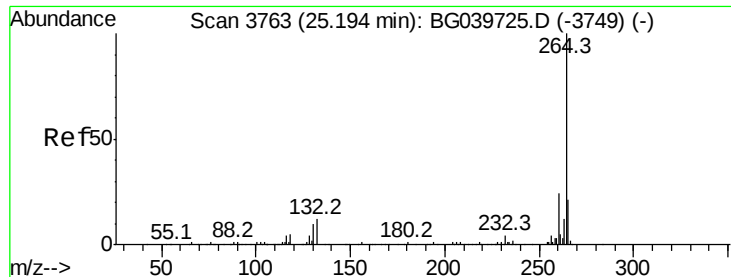
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

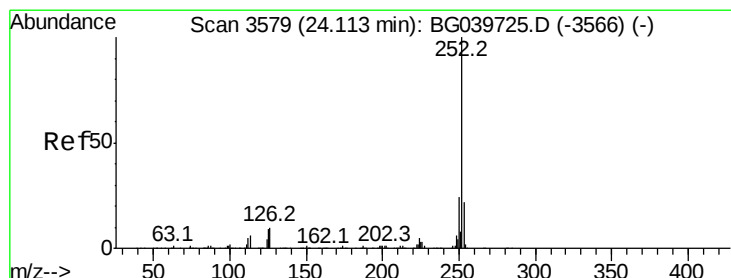
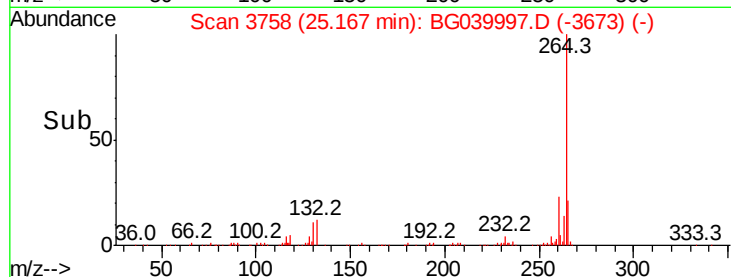
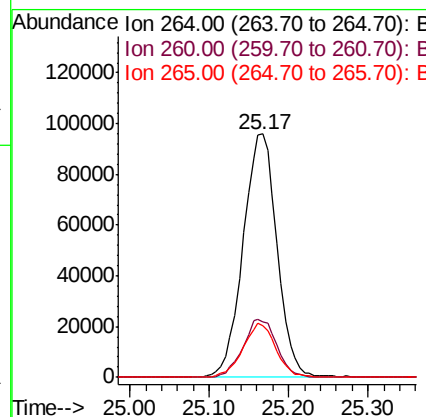
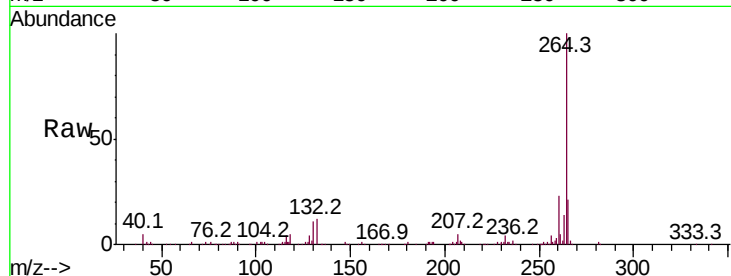
ClientSampleId :

HR-05-031519-AMSD

Tot Ion:	264	Resp:	284634
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.2	27.4
265	21.2	18.5	27.7

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#88

Benzo(b)fluoranthene

Concen: 47.086 ng

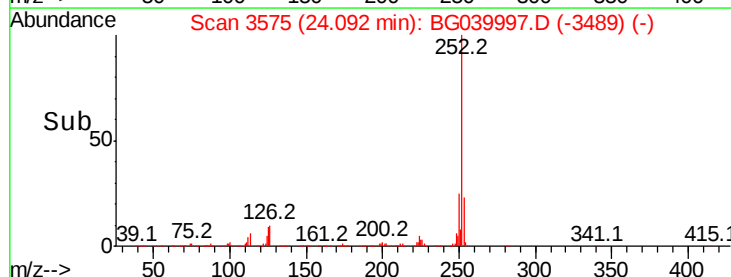
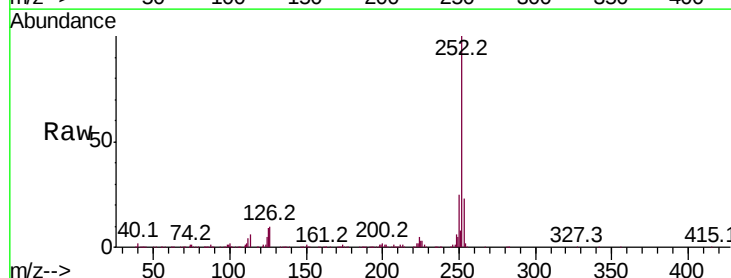
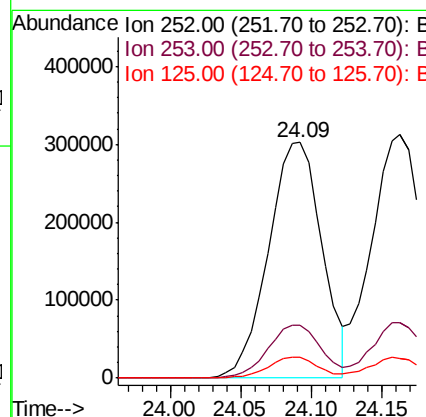
RT: 24.09 min Scan# 3575

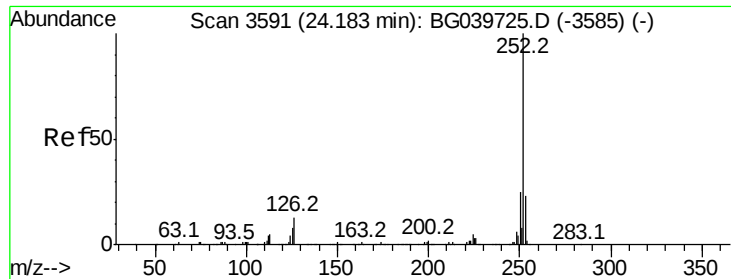
Delta R.T. -0.03 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:	252	Resp:	799206
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	8.7	7.8	11.6





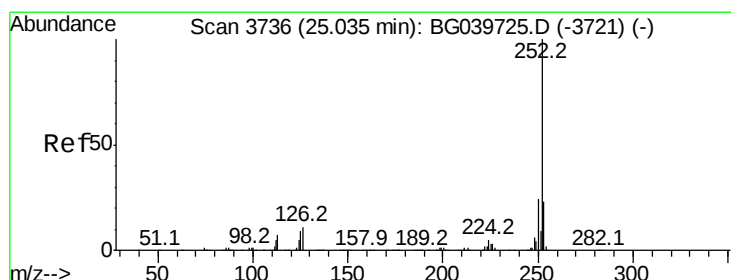
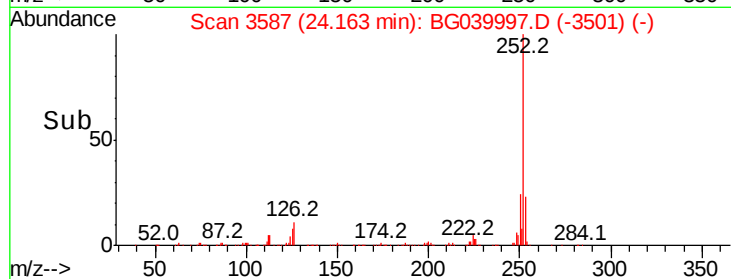
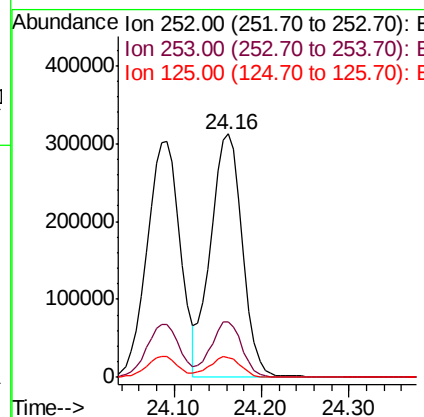
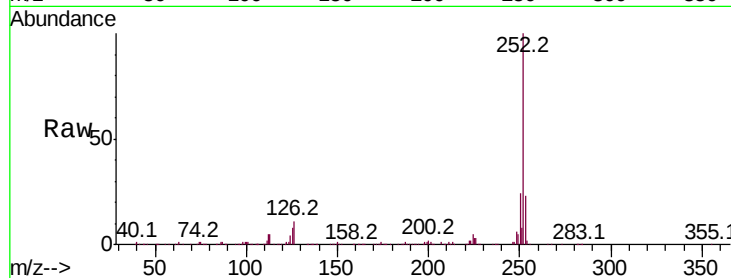
#89
Benzo(k)fluoranthene
Concen: 49.785 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.1	7.4	11.2

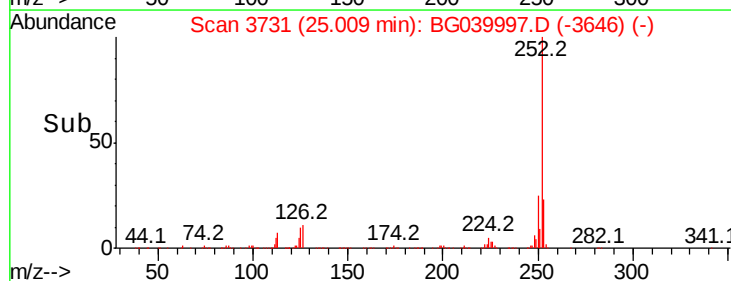
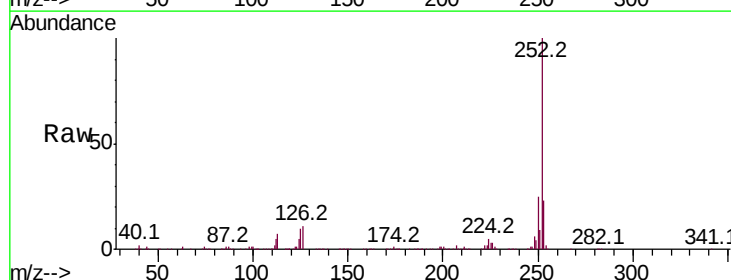
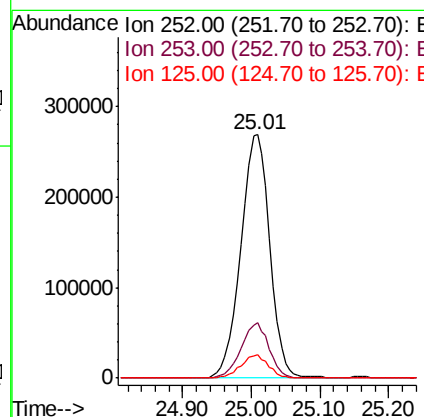
Manual Integrations
APPROVED

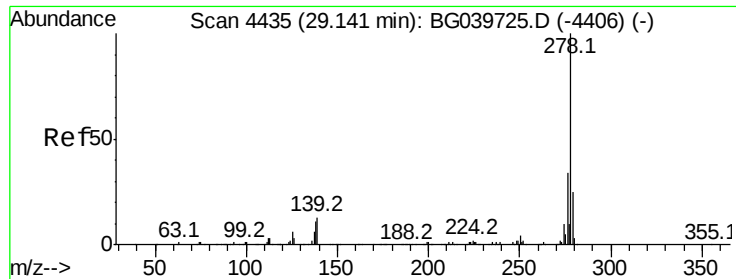
Sohil
3/20/2019 6:52:24 PM



#90
Benzo(a)pyrene
Concen: 50.341 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.5	8.3	12.5





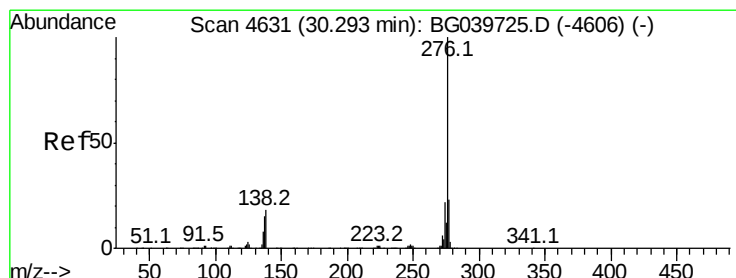
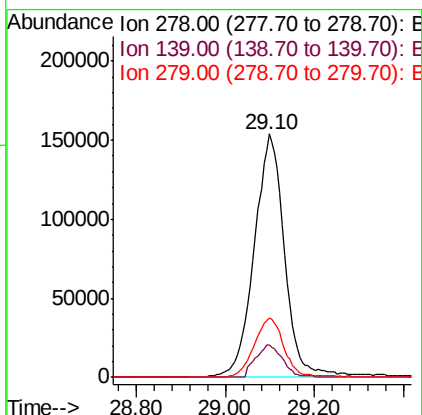
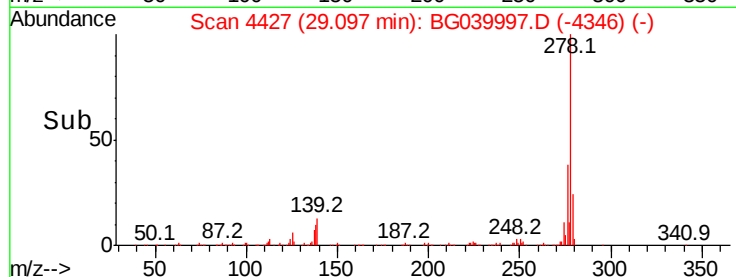
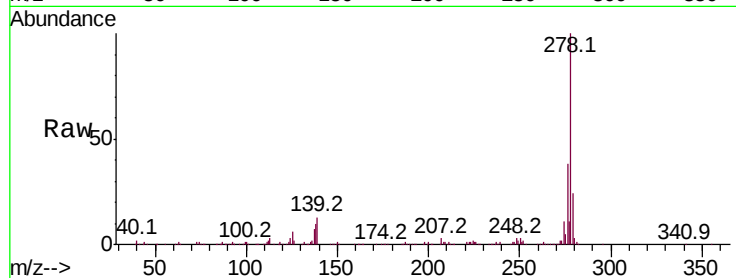
#91
Dibenzo(a,h)anthracene
Concen: 46.803 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Tot Ion:	278	Resp:	719649
Ion Ratio	Lower	Upper	
278	100		
139	13.4	11.7	17.5
279	24.3	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/20/2019 6:52:24 PM



#92
Benzo(g,h,i)perylene
Concen: 47.086 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:	276	Resp:	727138
Ion Ratio	Lower	Upper	
276	100		
277	22.1	19.6	29.4
138	16.0	14.7	22.1

