

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039996.D
 Acq On : 19 Mar 2019 8:24
 Operator : JU/SJ
 Sample : K1687-08MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

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

Quant Time: Mar 20 07:39:36 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	44583	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	176383	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	109268	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	248353	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	262272	20.00	ng	-0.02
87) Perylene-d12	25.17	264	271024	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	369485	141.39	ng	-0.02
7) Phenol-d6	7.30	99	487059	125.00	ng	0.00
23) Nitrobenzene-d5	9.32	82	345323	105.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	192238	150.94	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	772974	100.72	ng	-0.02
79) Terphenyl-d14	20.11	244	1158249	97.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	40042	33.189	ng	# 23
3) Pyridine	4.00	79	83176	25.751	ng	96
4) n-Nitrosodimethylamine	3.91	42	67524	44.068	ng	# 98
6) Aniline	7.47	93	45056	8.826	ng	96
8) 2-Chlorophenol	7.71	128	132752	41.872	ng	97
9) Benzaldehyde	7.29	77	39362	15.660	ng	96
10) Phenol	7.33	94	158446	37.535	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	133534	40.573	ng	98
12) 1,3-Dichlorobenzene	8.03	146	146999	40.996	ng	98
13) 1,4-Dichlorobenzene	8.18	146	150821	41.295	ng	99
14) 1,2-Dichlorobenzene	8.50	146	143342	40.620	ng	100
15) Benzyl Alcohol	8.39	79	128316	41.513	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	284948	43.289	ng	98
17) 2-Methylphenol	8.58	107	111750	41.518	ng	99
18) Hexachloroethane	9.23	117	54840	41.846	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	108676	38.748	ng	96
20) 3+4-Methylphenols	8.91	107	152909	40.893	ng	96
22) Acetophenone	8.98	105	208008	43.939	ng	# 99
24) Nitrobenzene	9.37	77	165469	48.364	ng	97
25) Isophorone	9.88	82	305385	44.690	ng	99
26) 2-Nitrophenol	10.08	139	77632	46.996	ng	# 92
27) 2,4-Dimethylphenol	10.12	122	134838	52.484	ng	95
28) bis(2-Chloroethoxy)methane	10.36	93	184858	44.515	ng	95
29) 2,4-Dichlorophenol	10.61	162	139509	48.231	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	150844	46.344	ng	99
31) Naphthalene	11.02	128	431020	46.154	ng	98
32) Benzoic acid	10.25	122	52082	32.065	ng	98
33) 4-Chloroaniline	11.14	127	7643	1.930	ng	94
34) Hexachlorobutadiene	11.27	225	103274	46.432	ng	95
35) Caprolactam	11.91	113	34995m	31.672	ng	
36) 4-Chloro-3-methylphenol	12.24	107	150664	45.438	ng	97
37) 2-Methylnaphthalene	12.61	142	315685	45.215	ng	99
38) 1-Methylnaphthalene	12.83	142	302016	44.512	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	176516	47.685	ng	99

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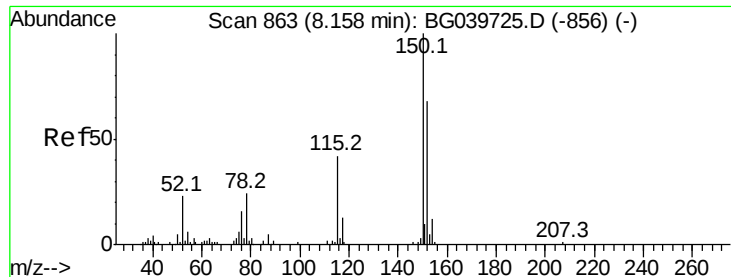
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	228972	115.423	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	115053	53.088	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	122399	50.106	ng	97
46) 1,1'-Biphenyl	13.61	154	420677	46.809	ng	99
47) 2-Chloronaphthalene	13.66	162	322907	47.761	ng	98
48) 2-Nitroaniline	13.86	65	108574	49.971	ng	96
49) Acenaphthylene	14.50	152	508634	45.828	ng	99
50) Dimethylphthalate	14.22	163	415244	45.447	ng	100
51) 2,6-Dinitrotoluene	14.35	165	91744	47.365	ng	99
52) Acenaphthene	14.84	154	311876	46.687	ng	98
53) 3-Nitroaniline	14.69	138	21730	11.160	ng #	91
54) 2,4-Dinitrophenol	14.89	184	49270	42.941	ng	98
55) Dibenzofuran	15.17	168	500818	45.695	ng	98
56) 4-Nitrophenol	14.99	139	130523	74.936	ng	93
57) 2,4-Dinitrotoluene	15.13	165	126069	46.320	ng	93
58) Fluorene	15.81	166	392730	45.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	113995	47.782	ng	100
60) Diethylphthalate	15.57	149	409273	45.249	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	207744	45.184	ng	99
62) 4-Nitroaniline	15.85	138	88284	41.824	ng	96
63) Azobenzene	16.09	77	386878	47.186	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	51268	34.913	ng	95
66) n-Nitrosodiphenylamine	16.02	169	353183	49.122	ng	100
67) 4-Bromophenyl-phenylether	16.70	248	133089	47.875	ng	96
68) Hexachlorobenzene	16.81	284	137307	47.650	ng	97
69) Atrazine	16.96	200	133251	47.091	ng	97
70) Pentachlorophenol	17.16	266	144384	79.338	ng	98
71) Phenanthrene	17.56	178	638681	46.689	ng	99
72) Anthracene	17.65	178	645266	48.405	ng	99
73) Carbazole	17.92	167	569678	47.403	ng	98
74) Di-n-butylphthalate	18.45	149	683342	48.328	ng	100
75) Fluoranthene	19.56	202	773813	47.864	ng	98
77) Benzidine	19.74	184	35601	4.278	ng	96
78) Pyrene	19.92	202	790675	46.394	ng	100
80) Butylbenzylphthalate	20.78	149	335451	50.805	ng	98
81) Benzo(a)anthracene	21.78	228	766606	46.638	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	84065	14.008	ng	97
83) Chrysene	21.85	228	733336	46.019	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	467268	50.361	ng	99
85) Di-n-octyl phthalate	22.90	149	794239	51.698	ng	97
86) Indeno(1,2,3-cd)pyrene	29.03	276	859054	47.519	ng	98
88) Benzo(b)fluoranthene	24.09	252	759538	46.996	ng	98
89) Benzo(k)fluoranthene	24.16	252	756917	50.313	ng	98
90) Benzo(a)pyrene	25.01	252	754579	50.527	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	702034	47.950	ng	97
92) Benzo(g,h,i)perylene	30.25	276	699028	47.539	ng	98

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



#1

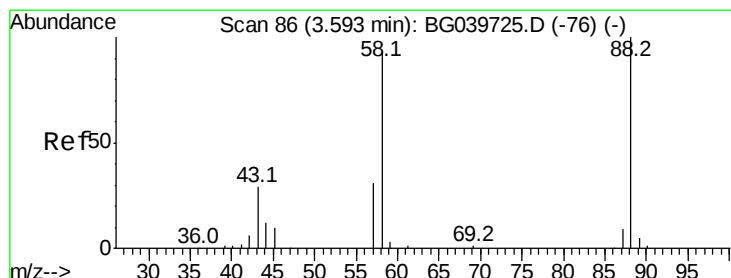
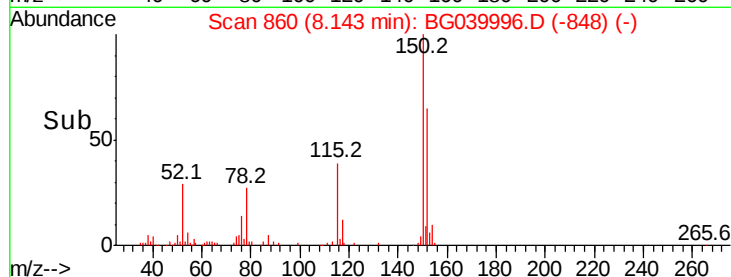
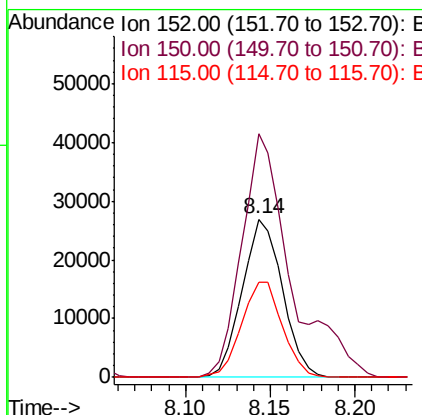
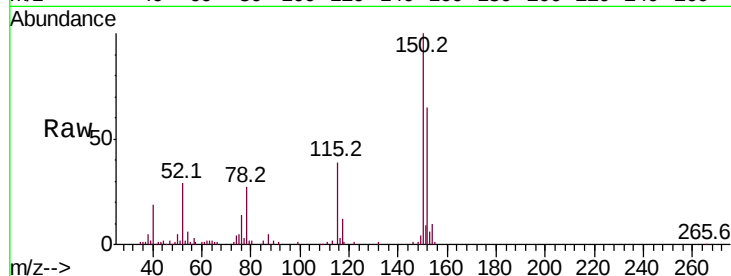
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	59.9	45.9	68.9

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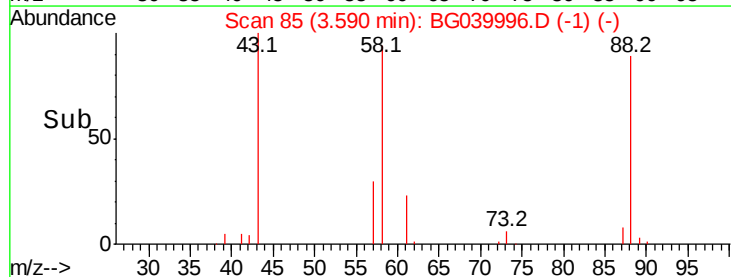
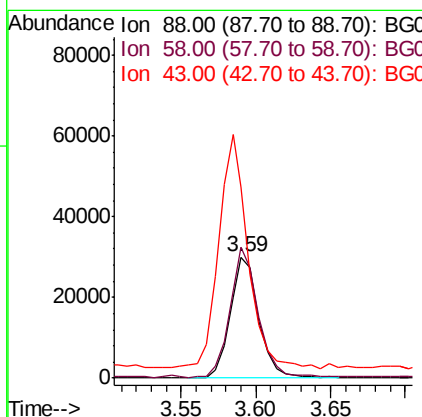
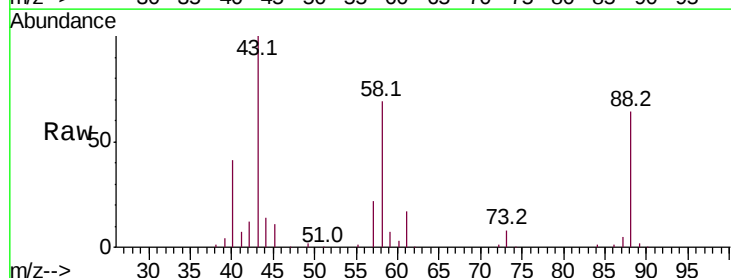
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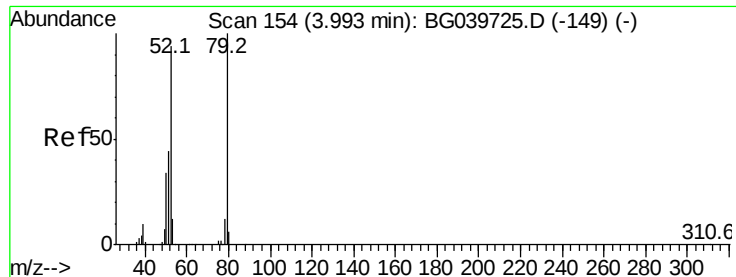


#2

1,4-Dioxane
Concen: 33.189 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.2	81.1	121.7
43	198.1	31.4	47.0





#3

Pvridine

Concen: 25.751 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

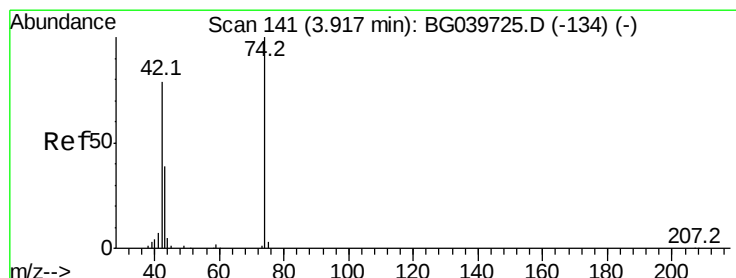
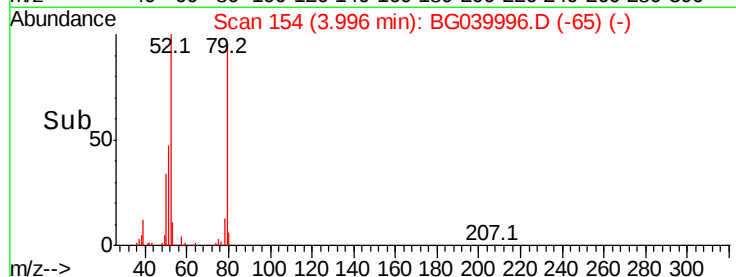
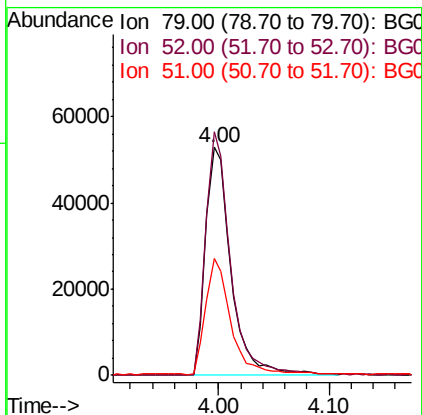
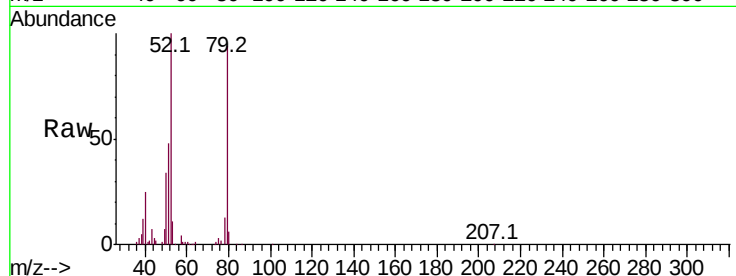
ClientSampleId :

HR-05-031519-AMS

Tot Ion:	79	Resp:	83176
Ion	Ratio	Lower	Upper
79	100		
52	106.9	82.6	124.0
51	51.1	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.068 ng

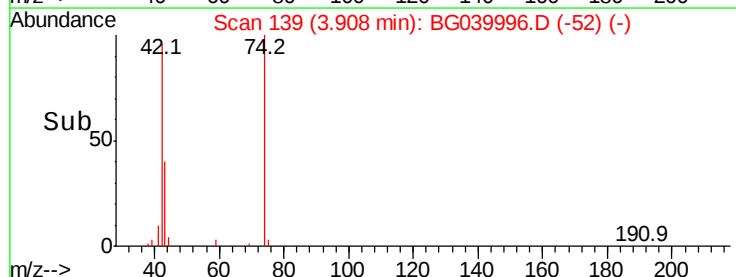
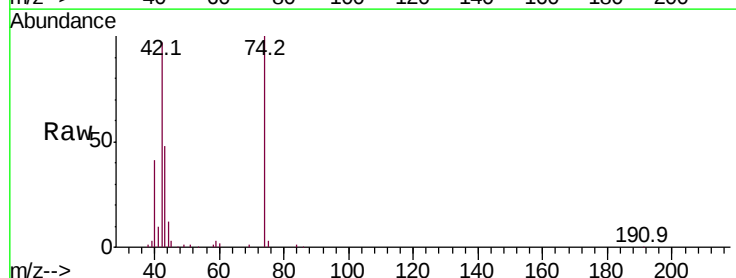
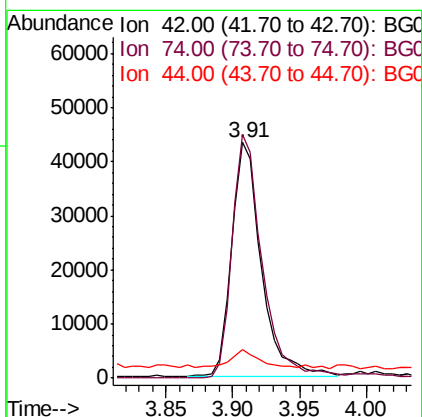
RT: 3.91 min Scan# 139

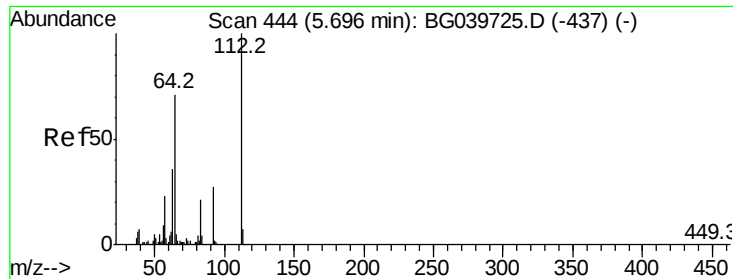
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	42	Resp:	67524
Ion	Ratio	Lower	Upper
42	100		
74	103.4	83.6	125.4
44	12.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 141.387 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

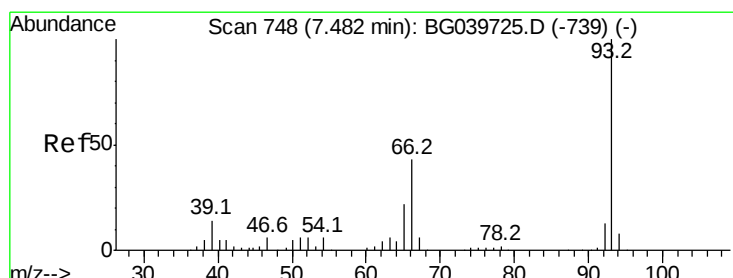
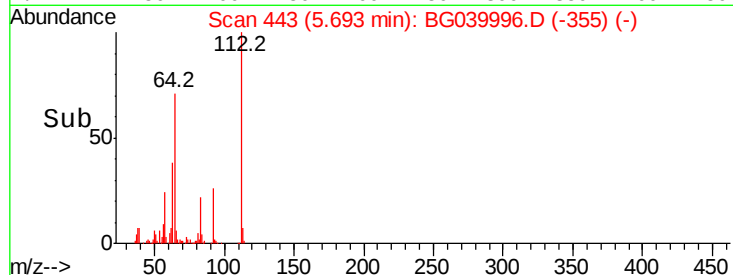
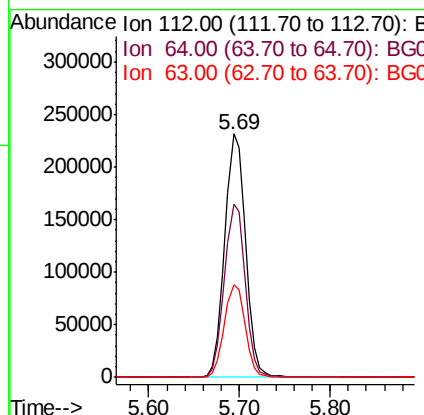
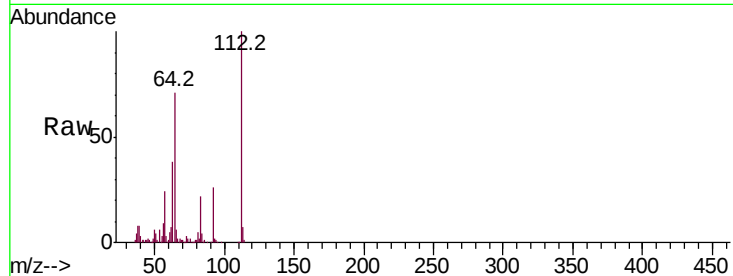
ClientSampleId :

HR-05-031519-AMS

Tot Ion:	112	Resp:	369485
Ion Ratio	Lower	Upper	
112	100		
64	71.2	57.8	86.8
63	38.2	29.8	44.6

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#6

Aniline

Concen: 8.826 ng

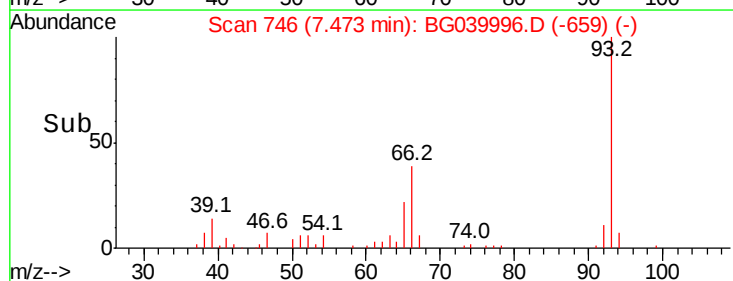
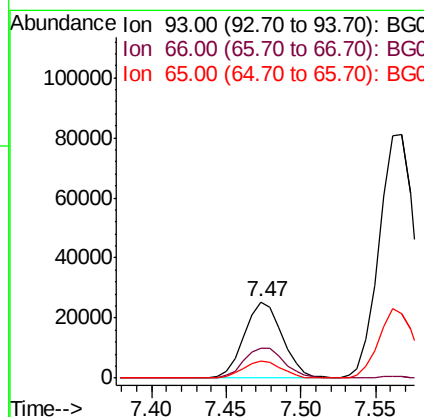
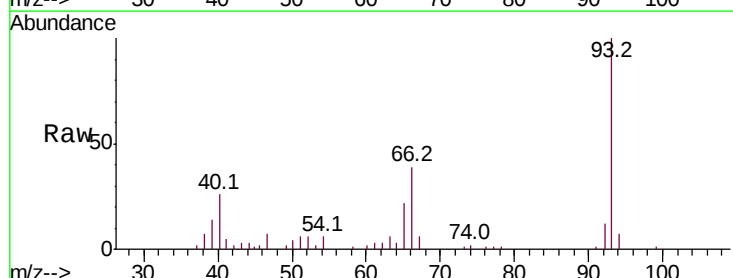
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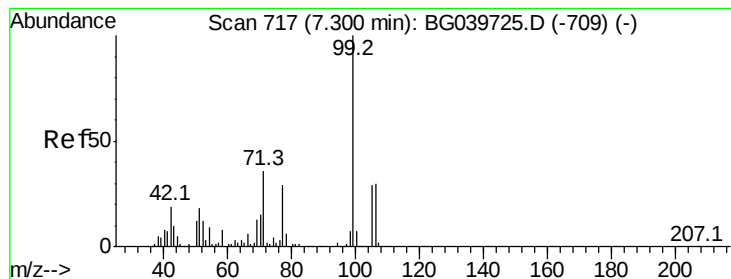
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	93	Resp:	45056
Ion Ratio	Lower	Upper	
93	100		
66	39.3	34.2	51.4
65	22.4	17.7	26.5





#7

Phenol-d6

Concen: 124.997 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

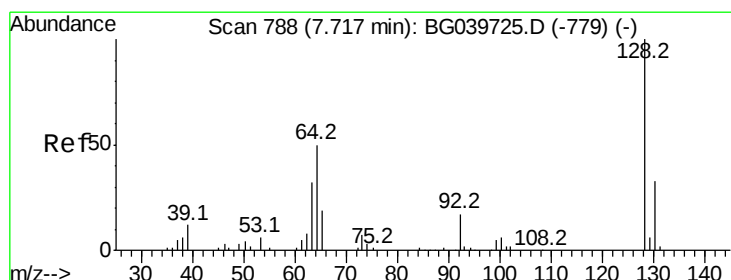
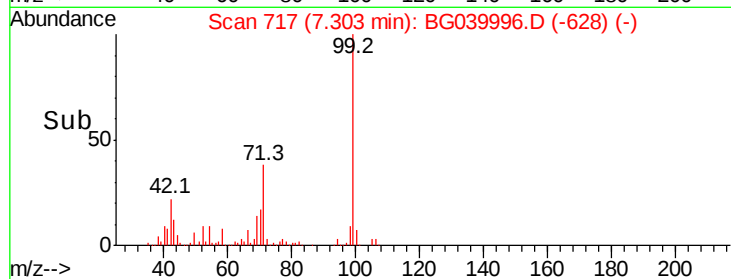
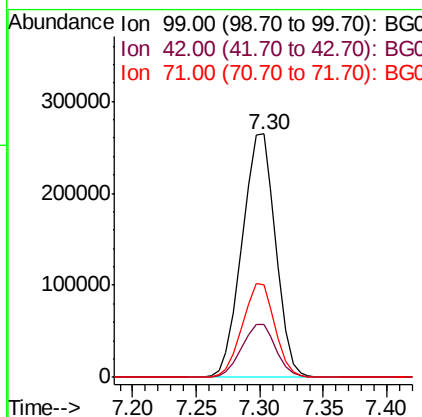
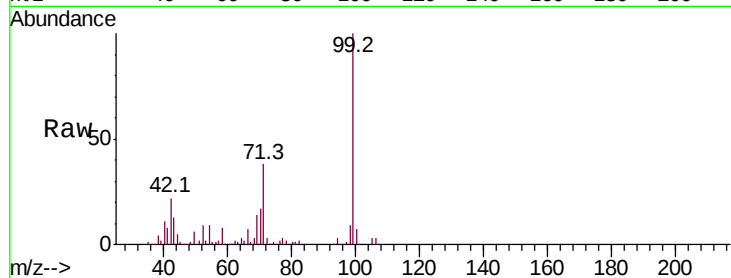
ClientSampleId :

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Tot Ion:	99	Resp:	487059
Ion Ratio	Lower	Upper	
99	100		
42	21.8	18.2	27.2
71	38.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 41.872 ng

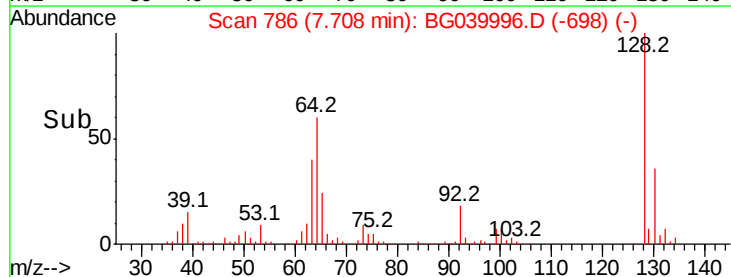
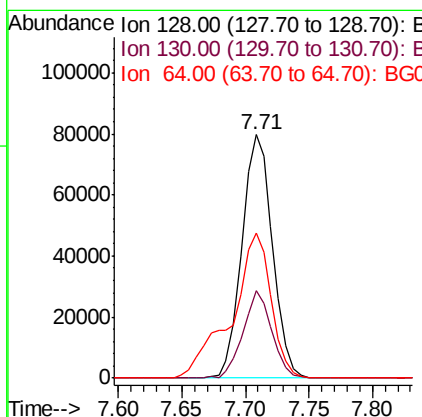
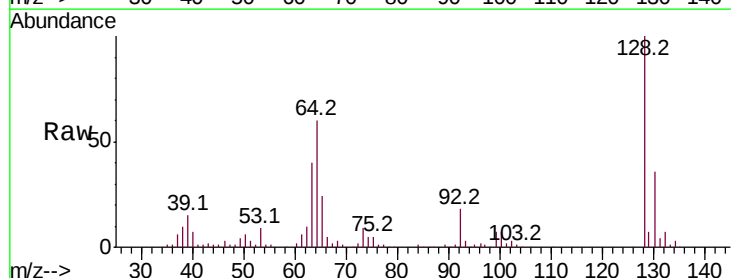
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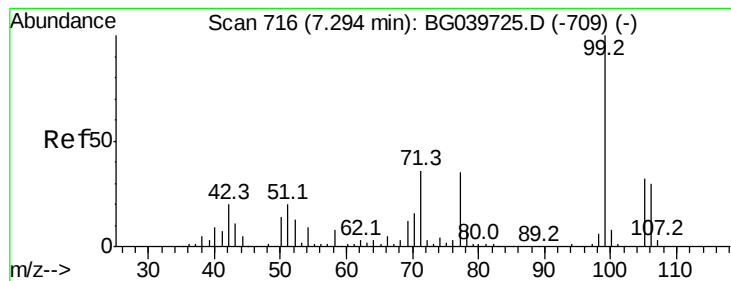
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	128	Resp:	132752
Ion Ratio	Lower	Upper	
128	100		
130	36.0	12.9	52.9
64	59.7	38.7	78.7





#9

Benzaldehyde

Concen: 15.660 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

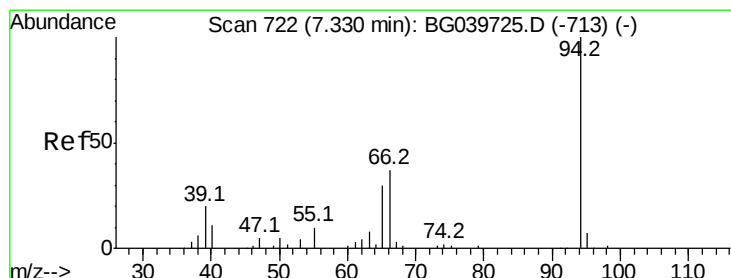
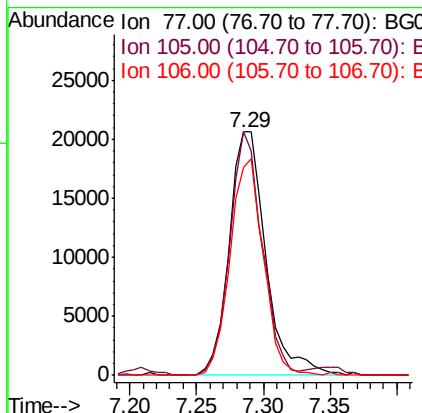
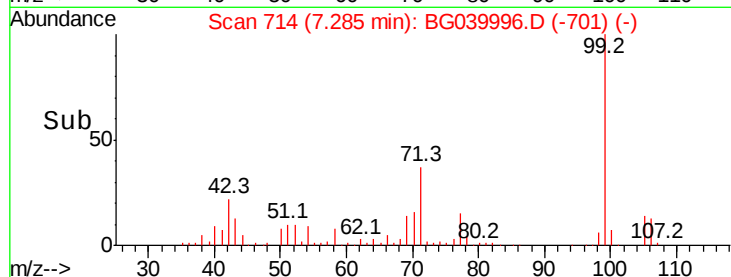
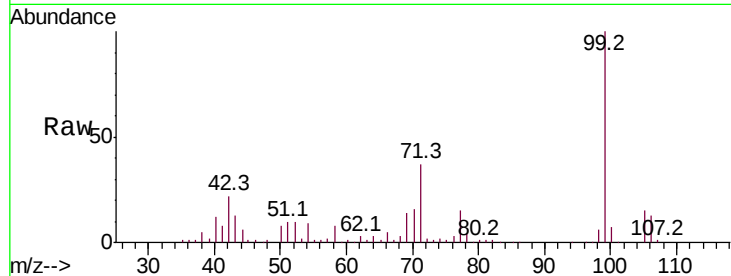
HR-05-031519-AMS

Tot Ion: 77 Resp: 39362

Ion	Ratio	Lower	Upper
77	100		
105	100.1	74.5	114.5
106	85.3	68.0	108.0

Manual Integrations
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#10

Phenol

Concen: 37.535 ng

RT: 7.33 min Scan# 721

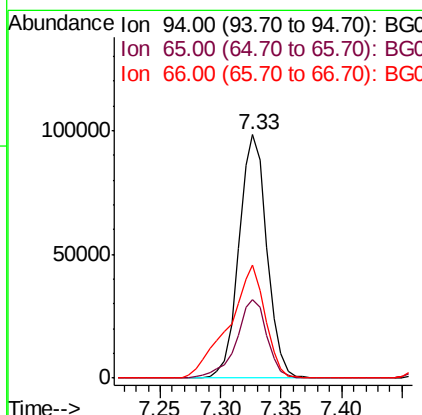
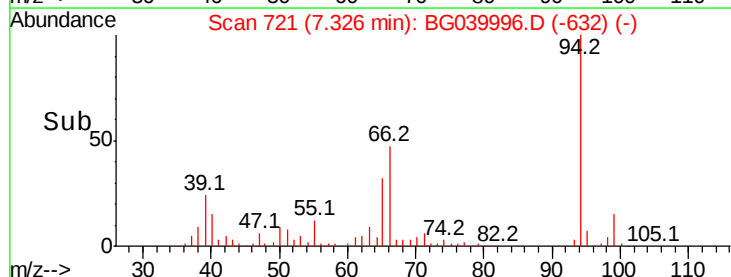
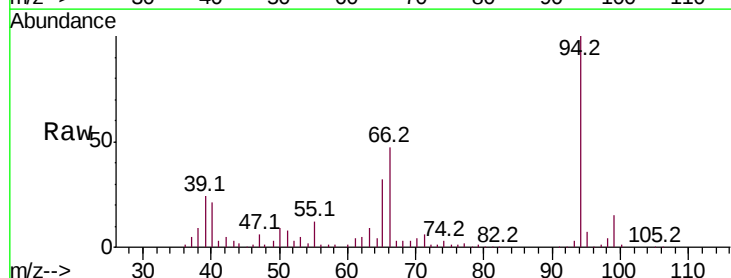
Delta R.T. -0.01 min

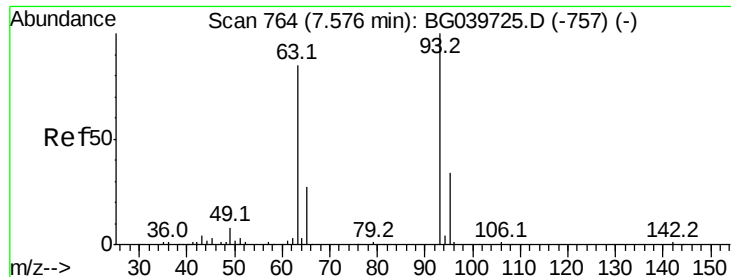
Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion: 94 Resp: 158446

Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.7	51.7
66	46.6	23.7	63.7





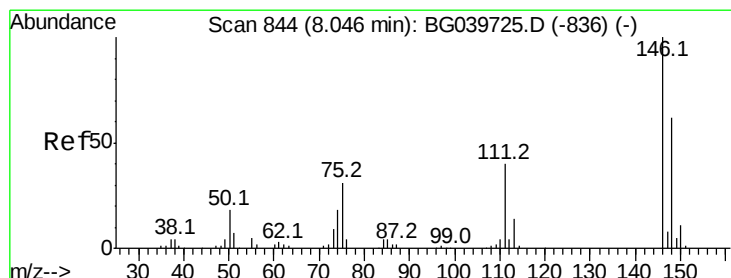
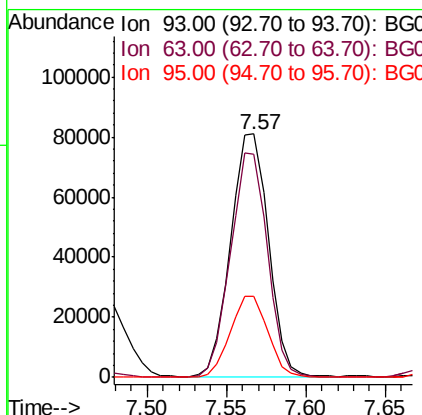
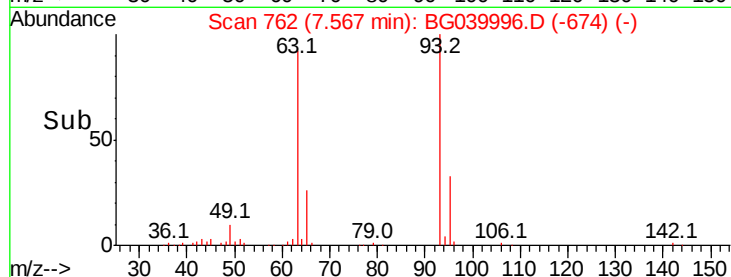
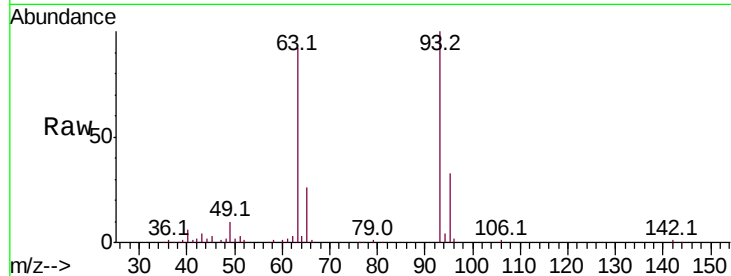
#11
bis(2-Chloroethyl)ether
Concen: 40.573 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.5	69.5	109.5
95	33.4	12.7	52.7

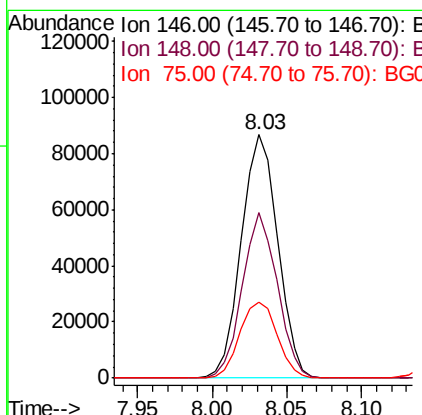
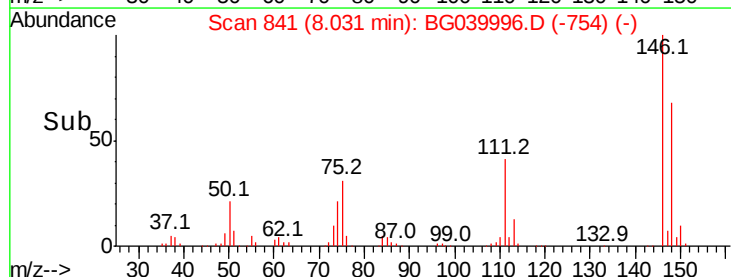
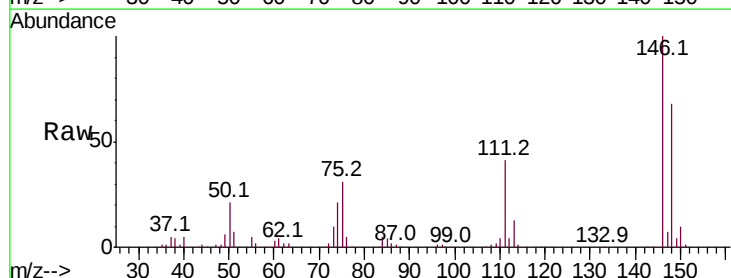
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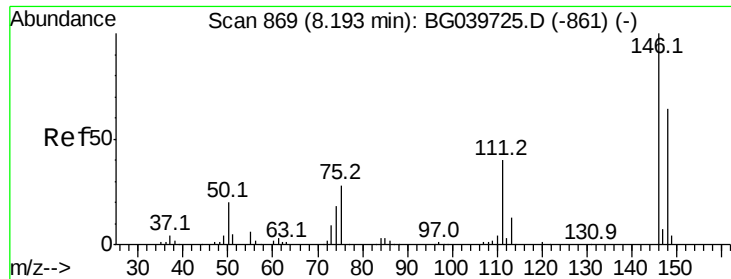
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#12
1,3-Dichlorobenzene
Concen: 40.996 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.7	52.6	79.0
75	31.4	25.8	38.6





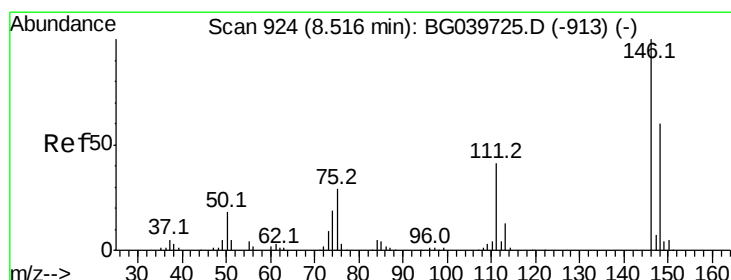
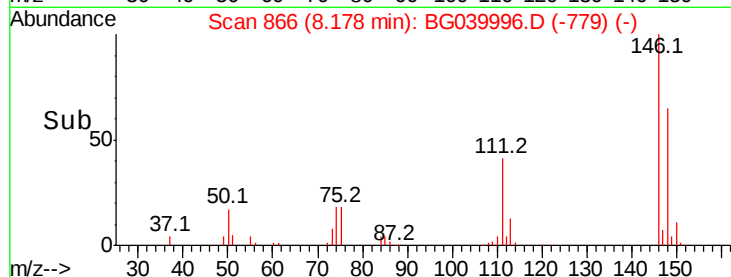
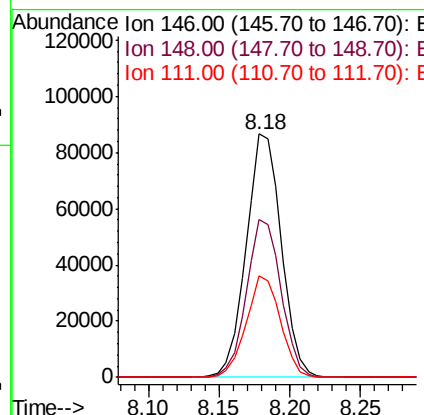
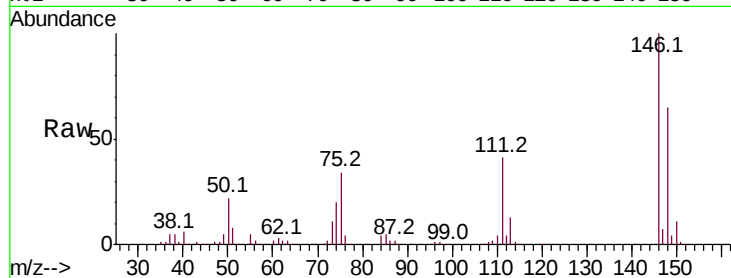
#13
 1,4-Dichlorobenzene
 Concen: 41.295 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	41.4	32.6	48.8

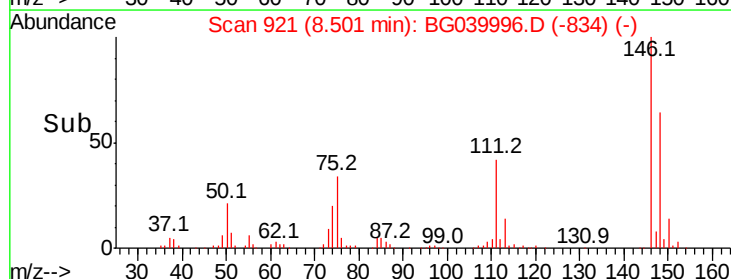
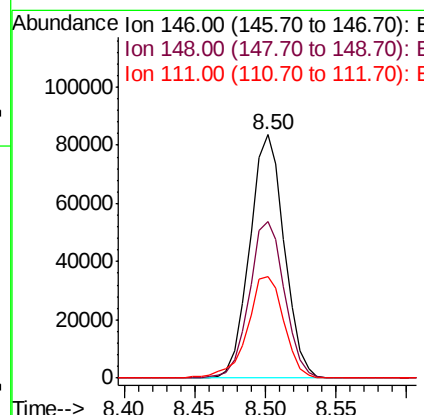
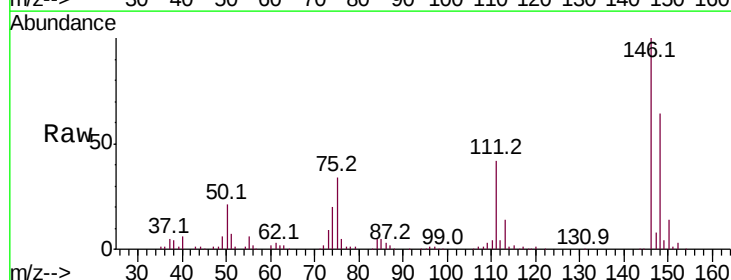
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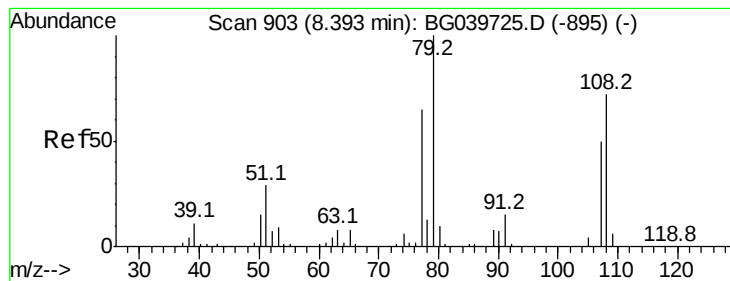
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#14
 1,2-Dichlorobenzene
 Concen: 40.620 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	41.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.513 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

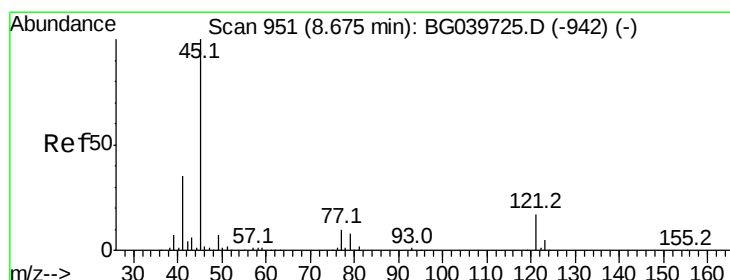
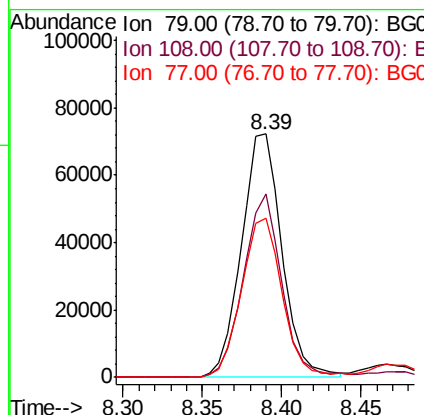
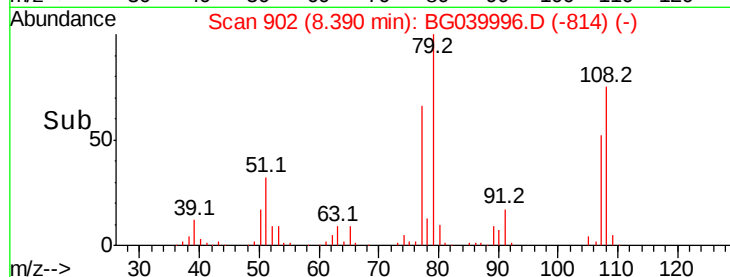
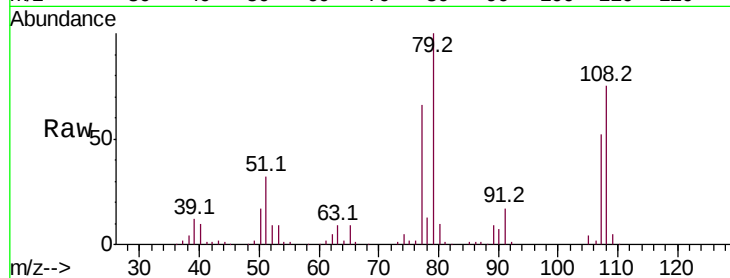
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Tot Ion: 79 Resp: 128316
Ion Ratio Lower Upper

79	100		
108	75.1	57.8	86.6
77	65.6	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.289 ng

RT: 8.67 min Scan# 949

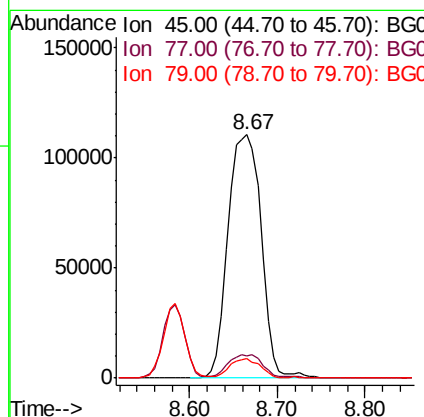
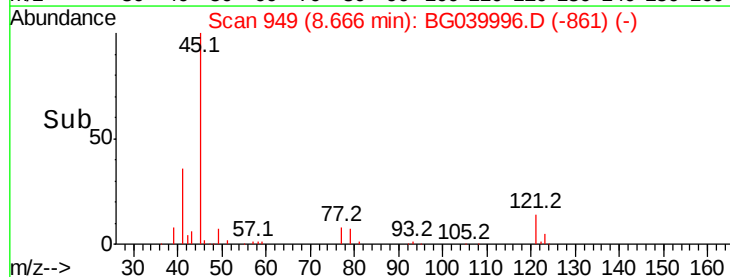
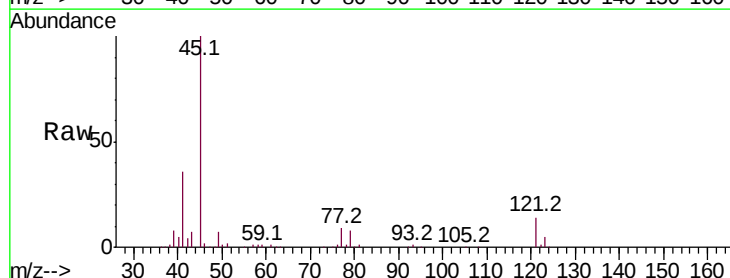
Delta R.T. -0.02 min

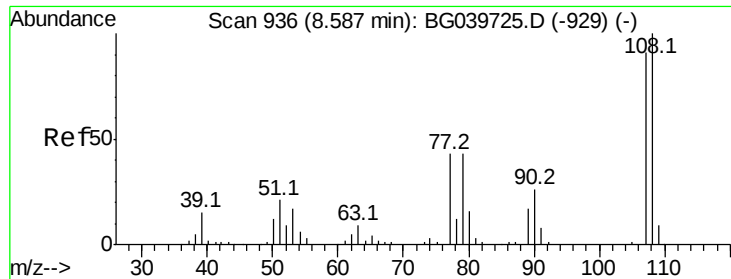
Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion: 45 Resp: 284948
Ion Ratio Lower Upper

45	100		
77	9.2	0.0	30.0
79	7.9	0.0	27.5





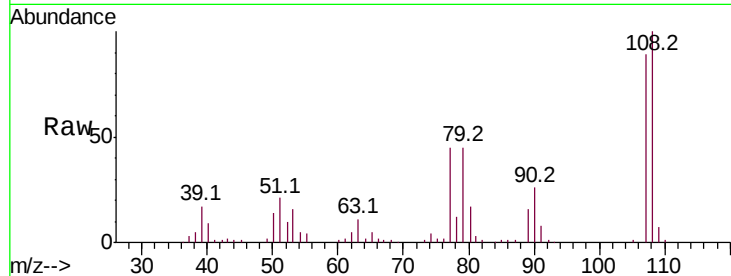
#17
2-Methylphenol
Concen: 41.518 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

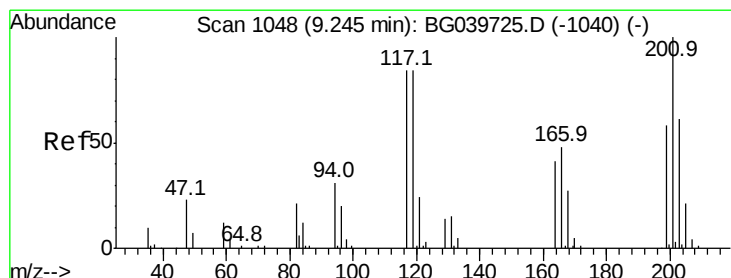
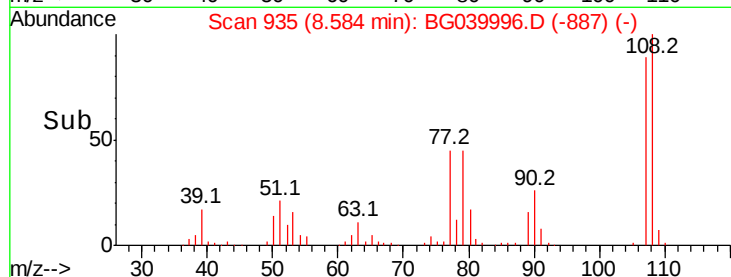
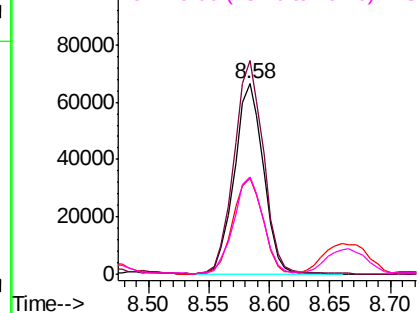
Tot Ion:	107	Resp:	111750
Ion Ratio	Lower	Upper	
107	100		
108	112.2	90.8	136.2
77	50.4	40.7	61.1
79	50.9	40.6	60.8

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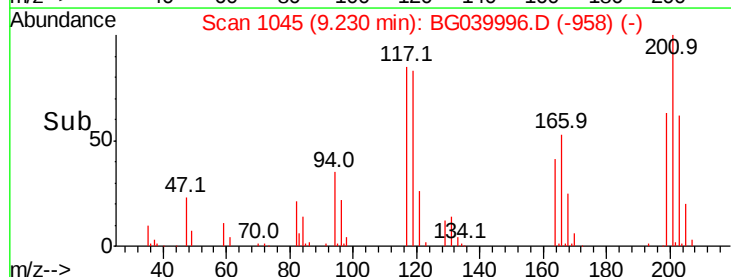
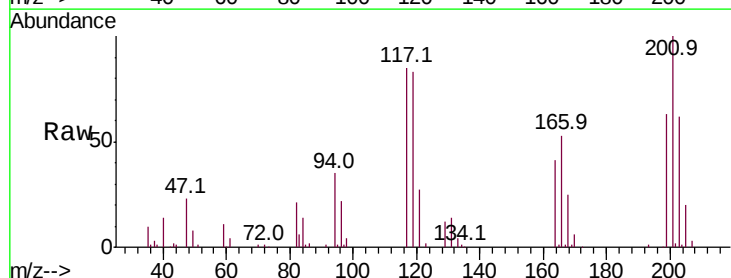
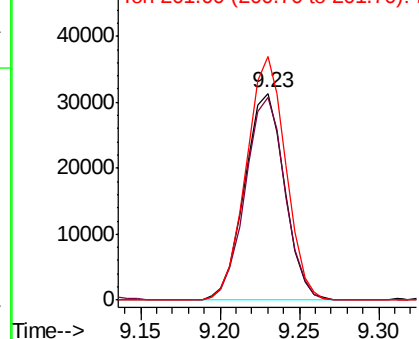
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

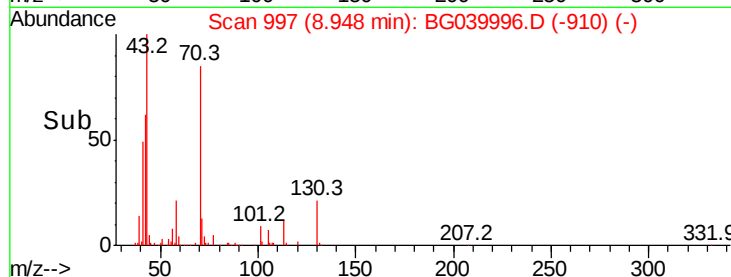
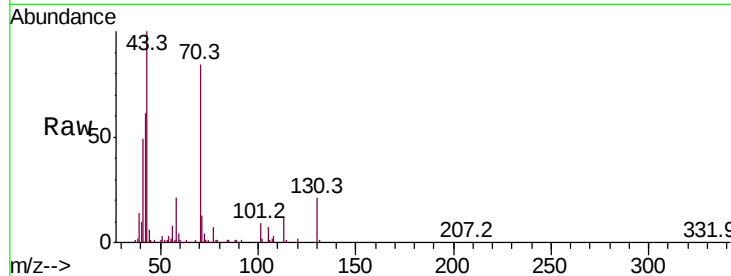
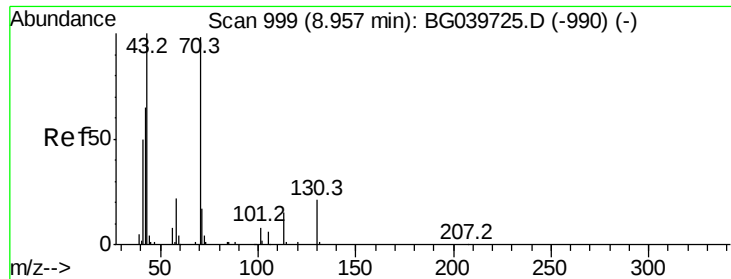


#18
Hexachloroethane
Concen: 41.846 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:	117	Resp:	54840
Ion Ratio	Lower	Upper	
117	100		
119	97.8	76.3	114.5
201	117.9	91.1	136.7

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





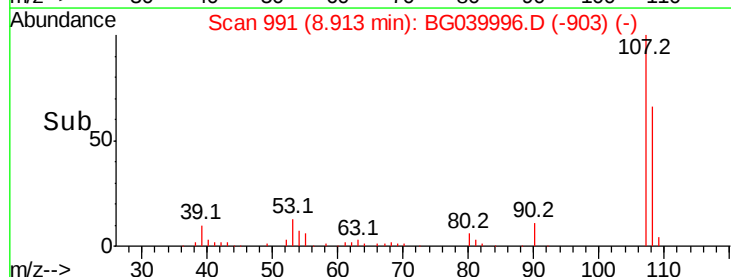
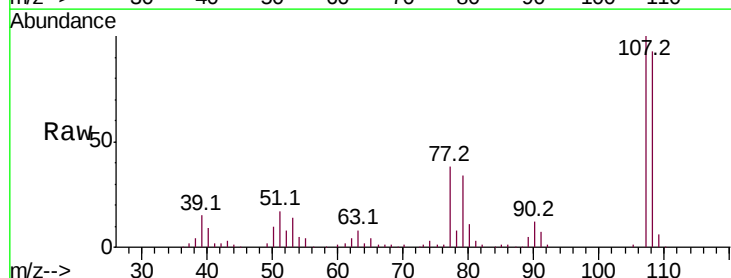
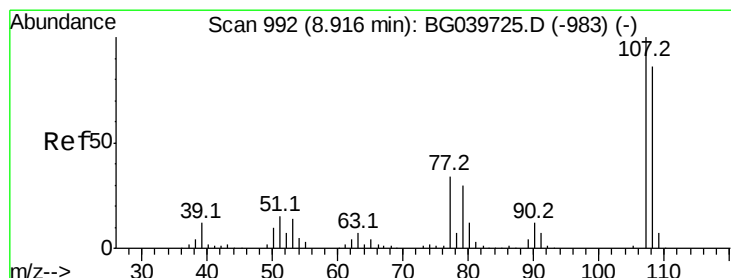
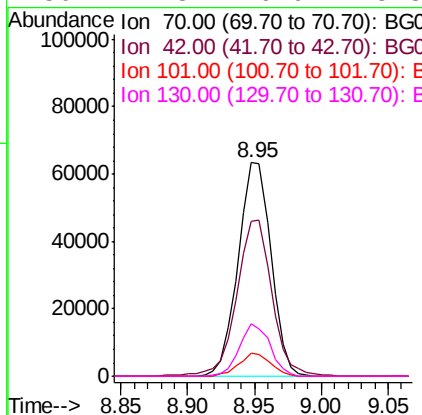
#19
n-Nitroso-di-n-propylamine
Concen: 38.748 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.7	60.4	90.6
101	10.6	7.5	11.3
130	24.3	16.9	25.3

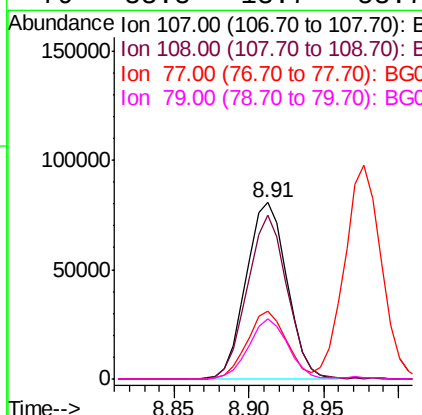
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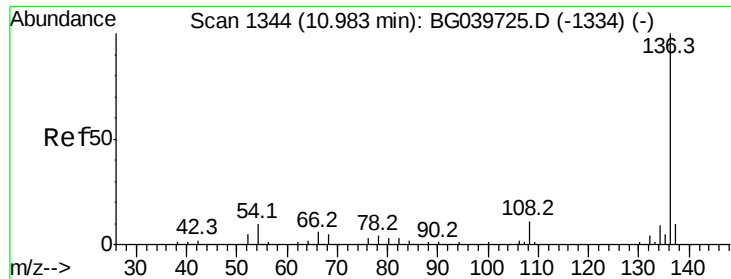
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#20
3+4-Methylphenols
Concen: 40.893 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	67.9	107.9
77	38.1	15.4	55.4
79	33.8	13.7	53.7





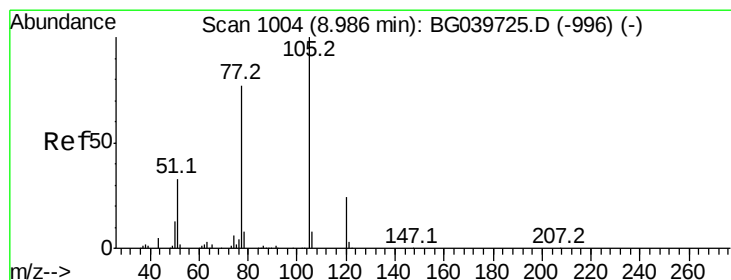
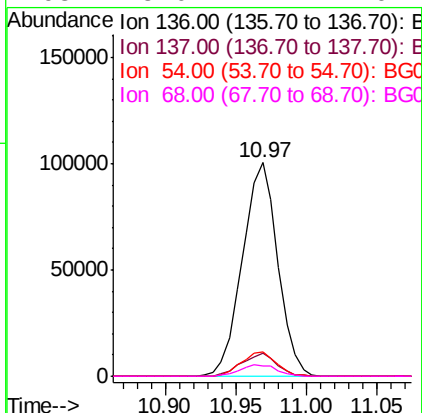
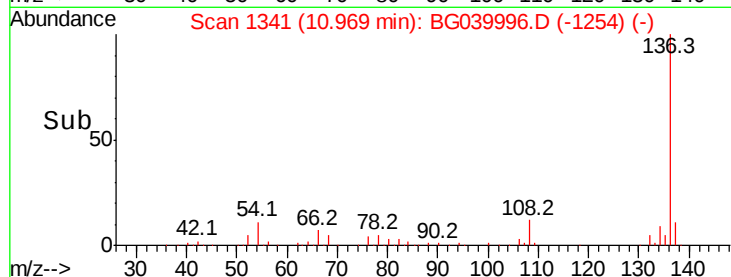
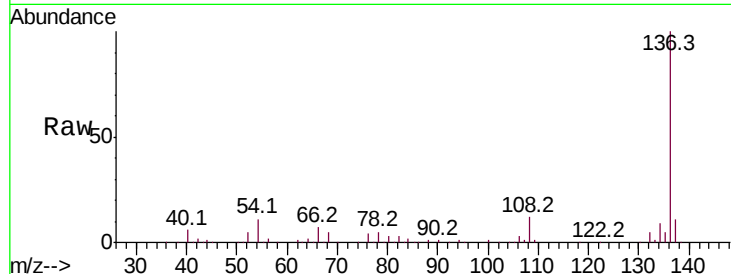
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	11.4	9.4	14.2	
68	5.0	4.2	6.4	

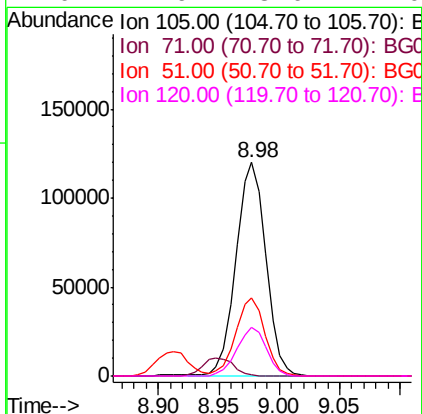
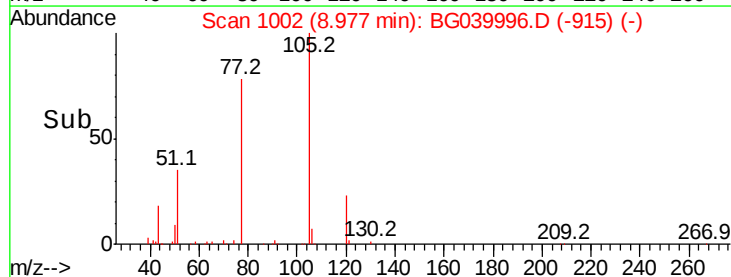
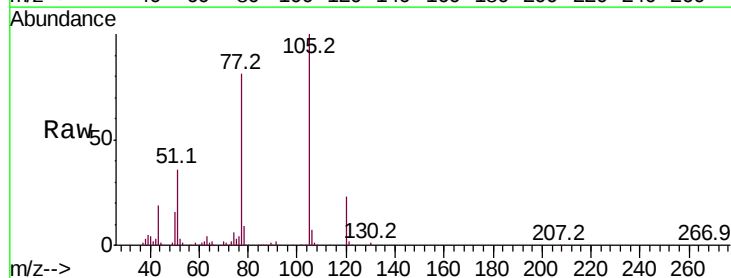
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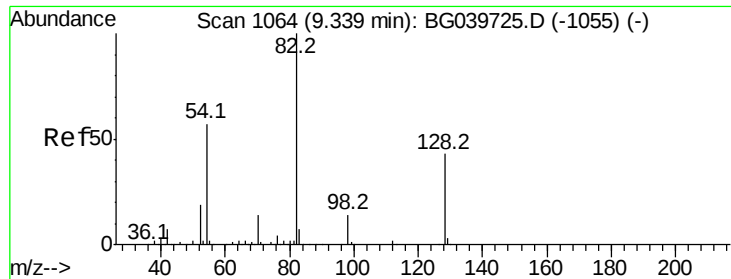
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#22
Acetophenone
Concen: 43.939 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.8	1.2#	
51	36.5	30.2	45.2	
120	22.6	18.0	27.0	





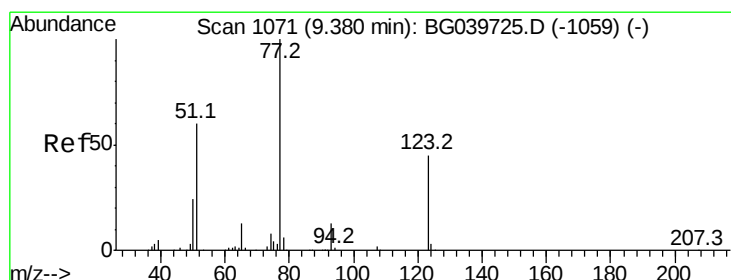
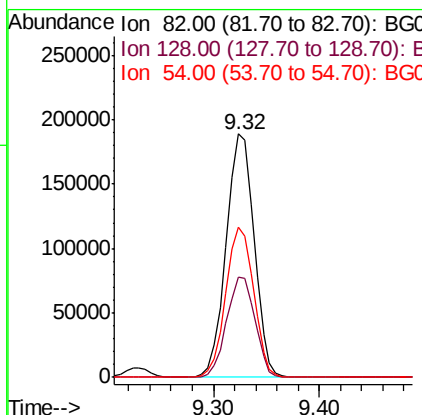
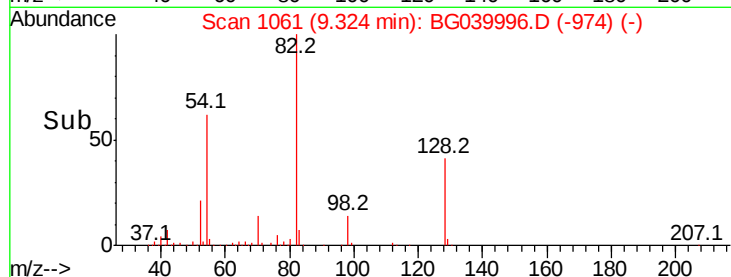
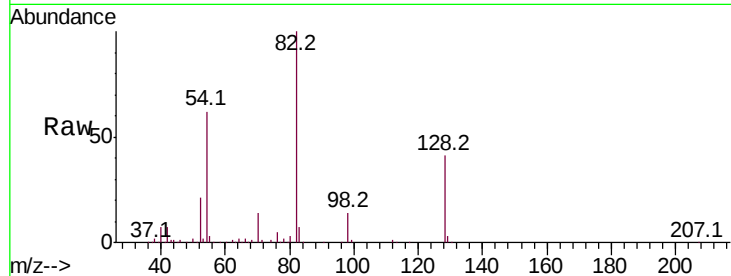
#23
Nitrobenzene-d5
Concen: 105.886 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	345323		
128	41.2	31.3	46.9	
54	61.7	50.9	76.3	

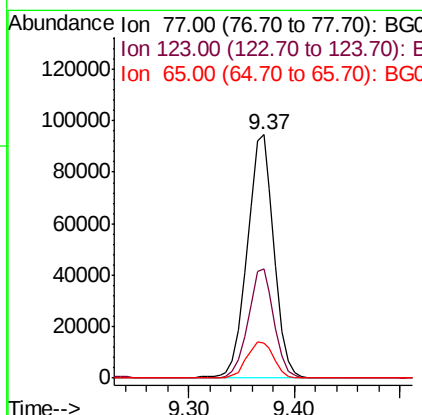
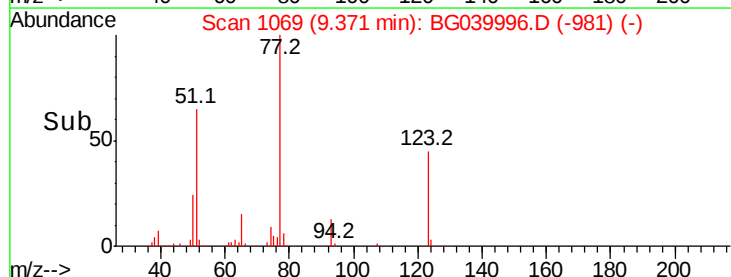
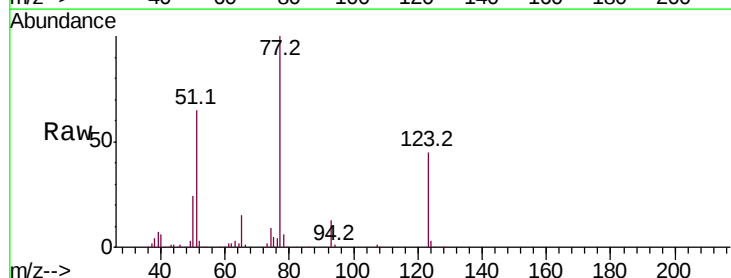
Manual Integrations
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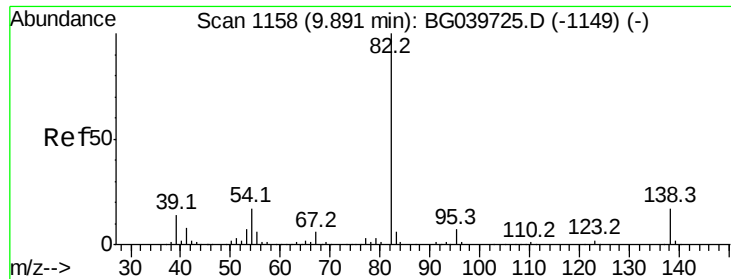
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#24
Nitrobenzene
Concen: 48.364 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	165469		
123	45.1	34.1	51.1	
65	14.6	12.3	18.5	





#25

Isophorone

Concen: 44.690 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

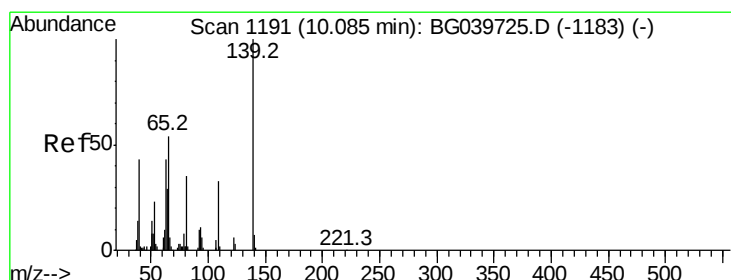
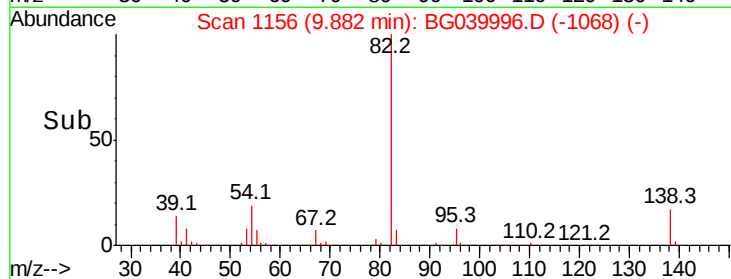
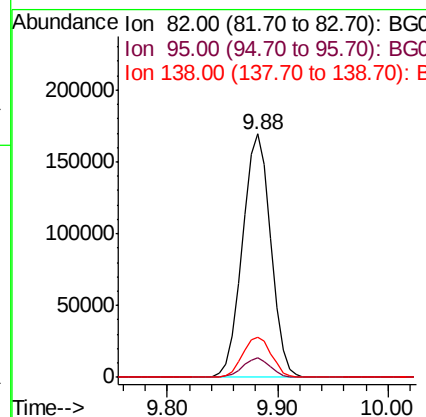
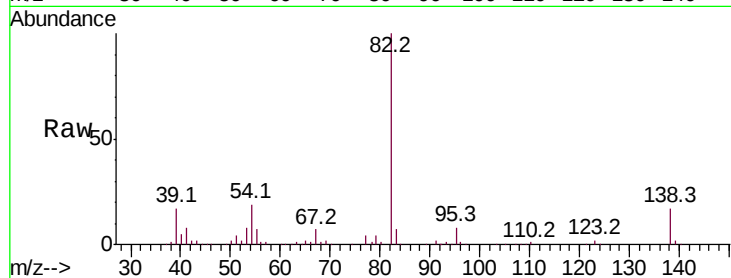
ClientSampleId :

HR-05-031519-AMS

Tot Ion:	82	Resp:	305385
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	16.5	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.996 ng

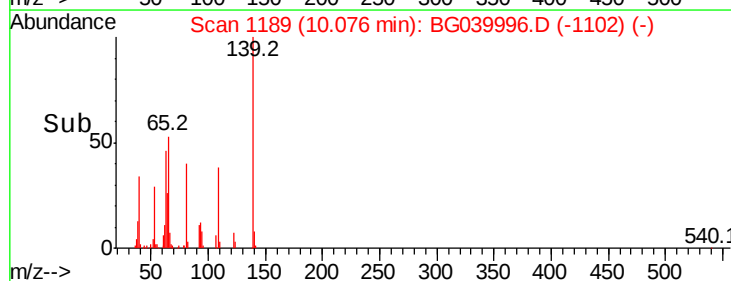
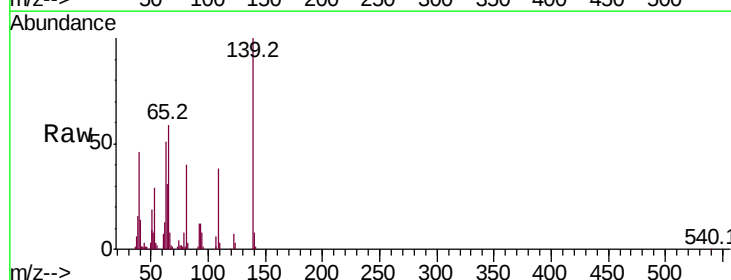
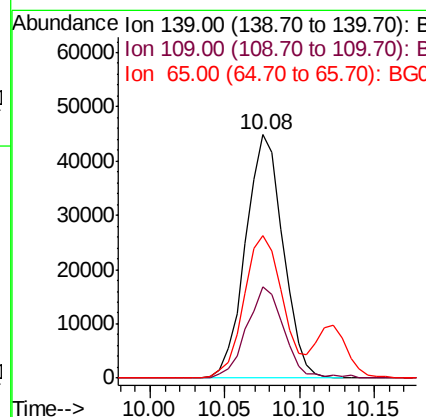
RT: 10.08 min Scan# 1189

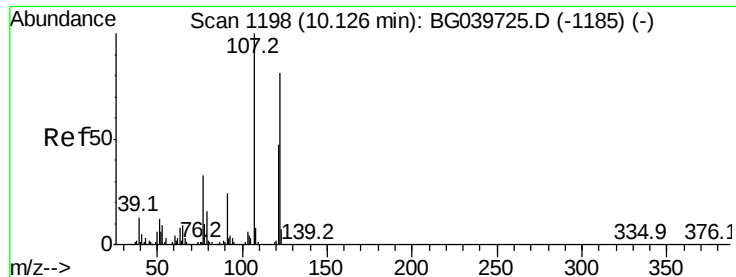
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	139	Resp:	77632
Ion Ratio	Lower	Upper	
139	100		
109	37.5	23.4	35.0#
65	58.5	44.3	66.5





#27

2,4-Dimethylphenol

Concen: 52.484 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

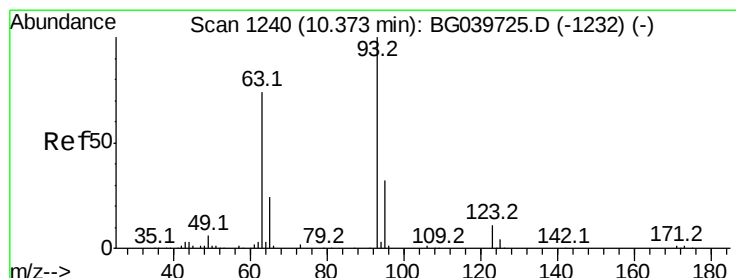
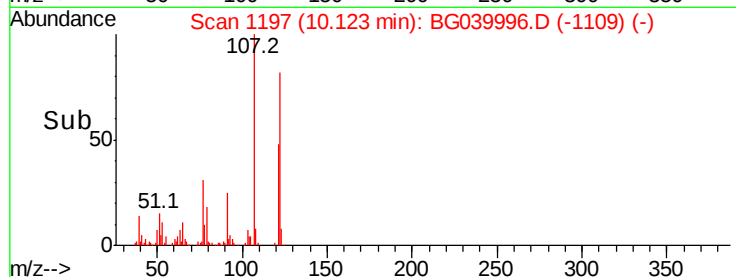
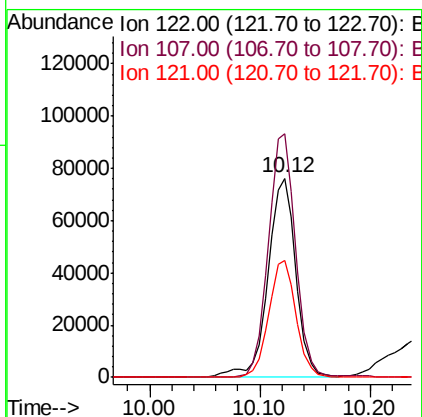
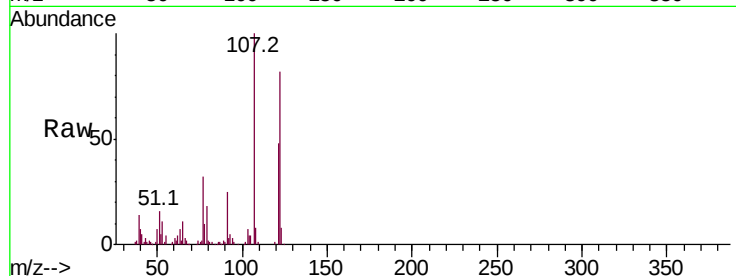
ClientSampleId :

HR-05-031519-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.1	91.7	137.5
121	58.5	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 44.515 ng

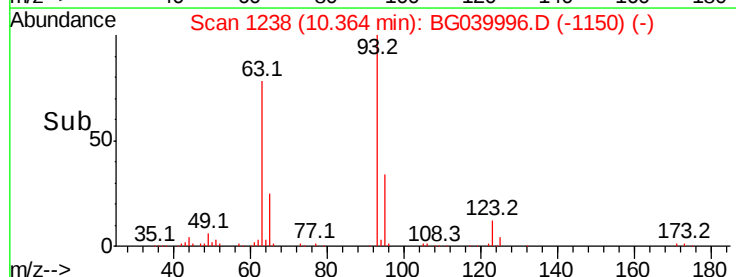
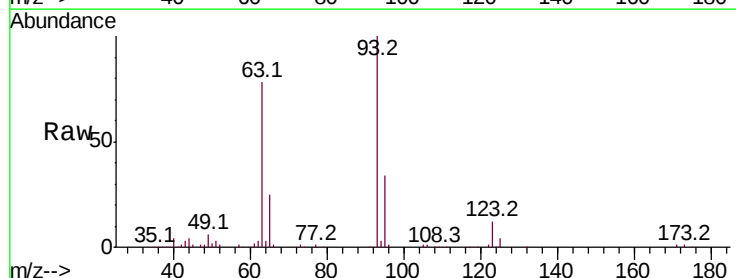
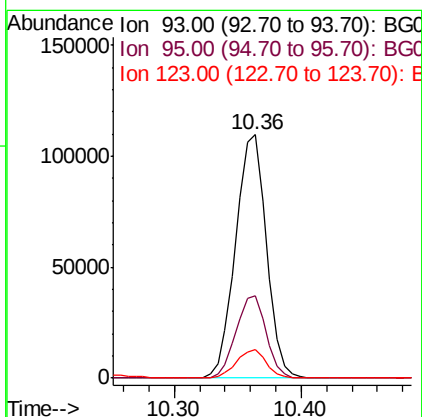
RT: 10.36 min Scan# 1238

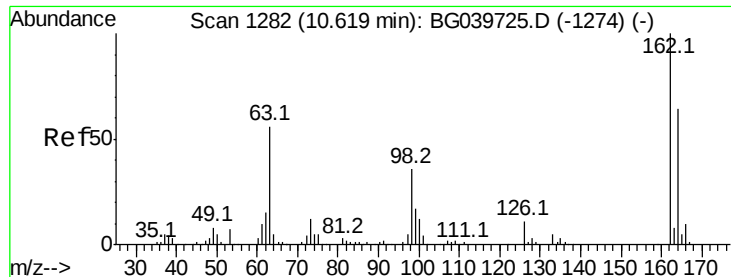
Delta R.T. -0.02 min

Lab File: BG039996.D

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Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.0	37.4
123	11.9	8.6	12.8





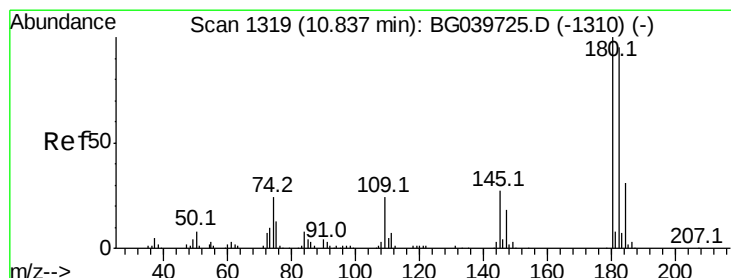
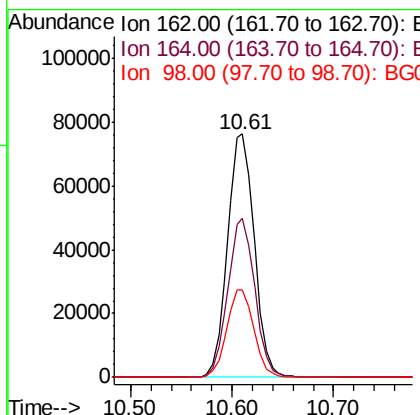
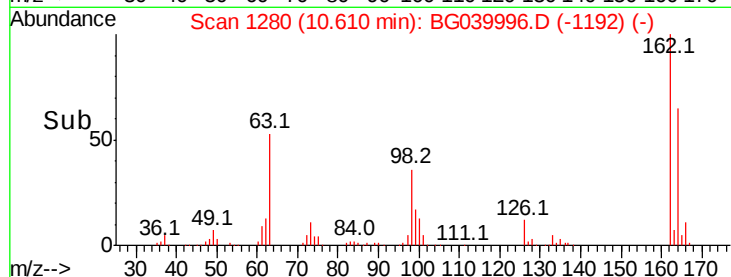
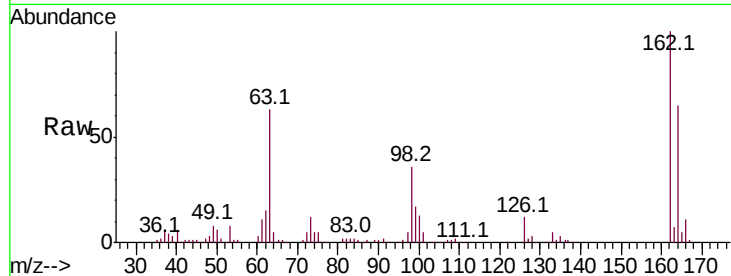
#29
 2,4-Dichlorophenol
 Concen: 48.231 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.1	88.1
98	35.7	18.1	58.1

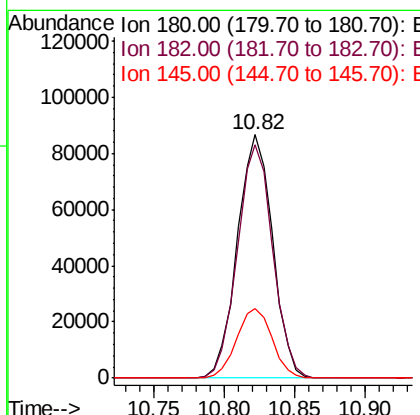
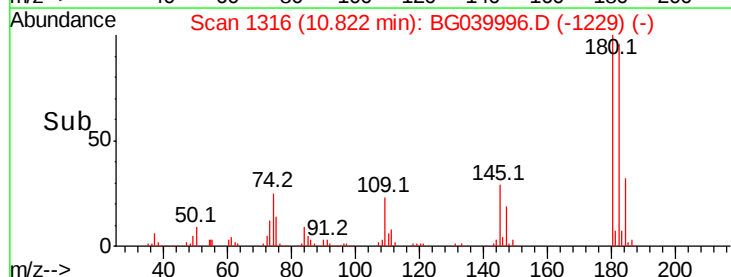
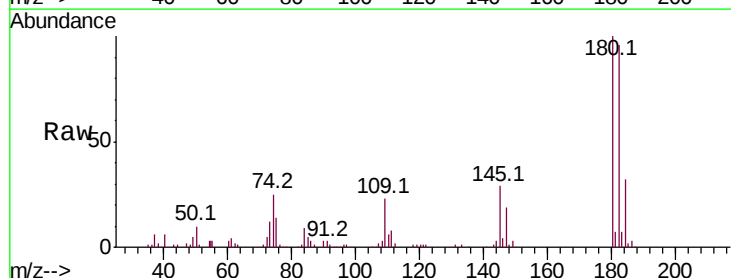
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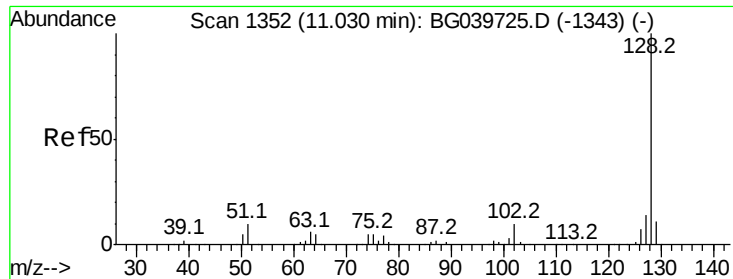
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.344 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	28.7	22.7	34.1





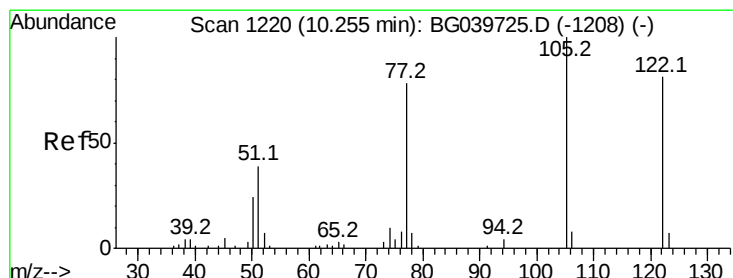
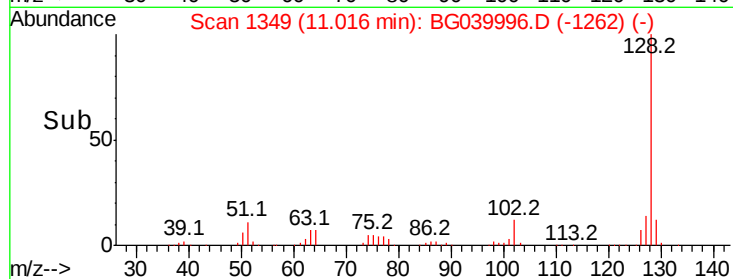
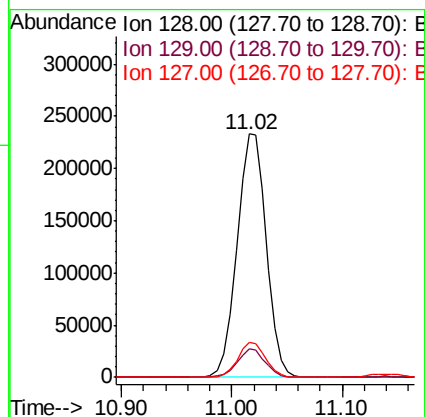
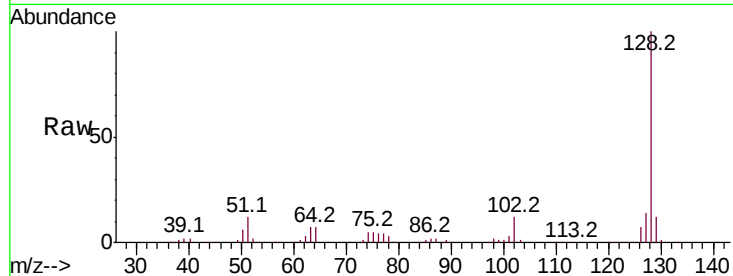
#31
Naphthalene
Concen: 46.154 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	14.3	10.8	16.2

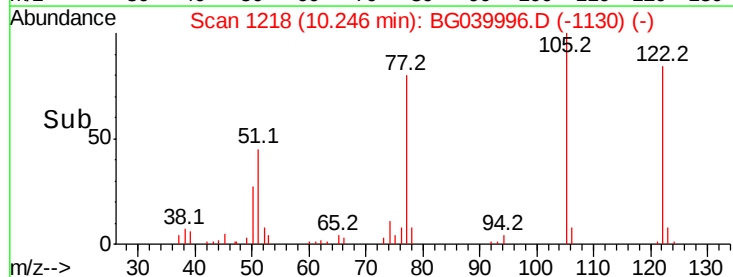
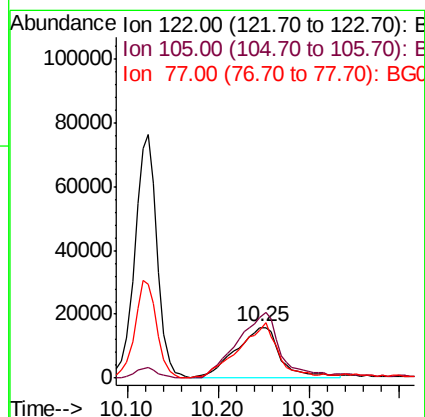
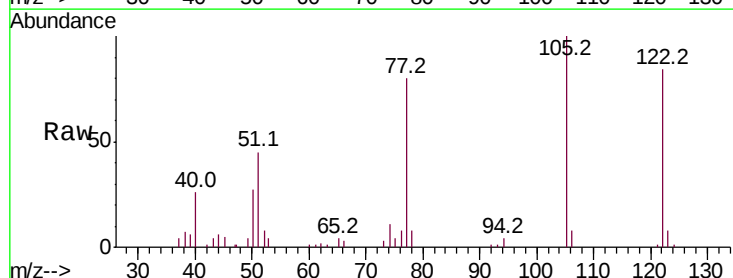
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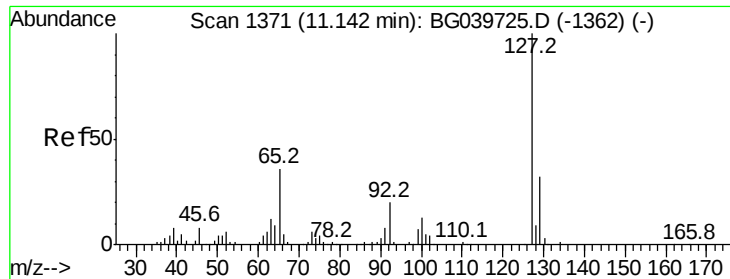
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#32
Benzoic acid
Concen: 32.065 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	101.8	141.8
77	95.4	76.3	116.3





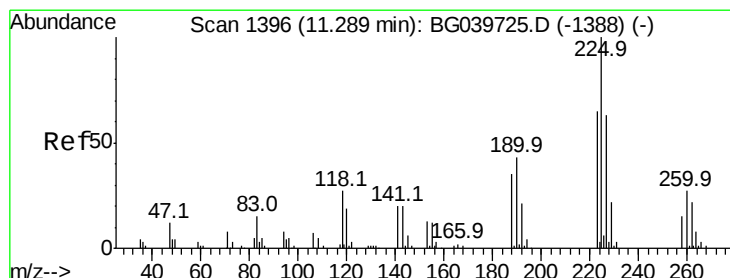
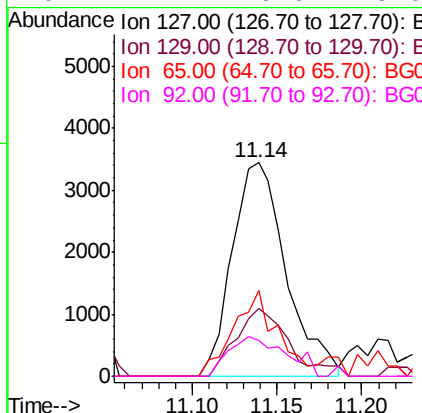
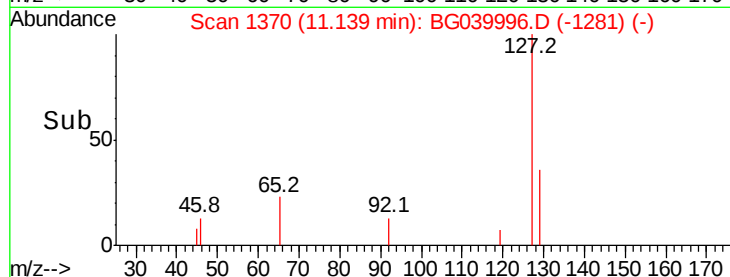
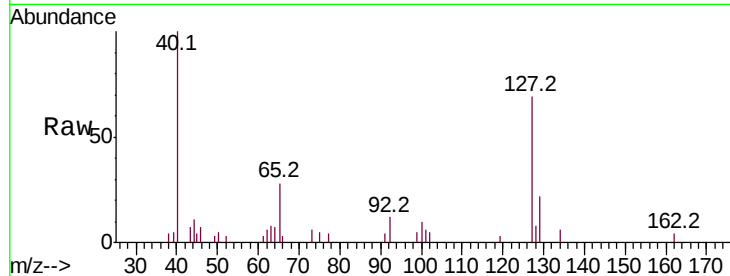
#33
4-Chloroaniline
Concen: 1.930 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	27.0	40.4		
65	40.2	28.8	43.2		
92	17.1	16.6	25.0		

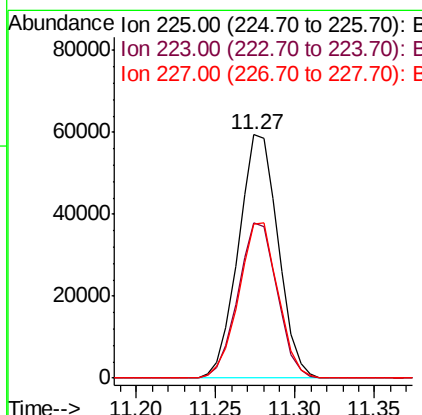
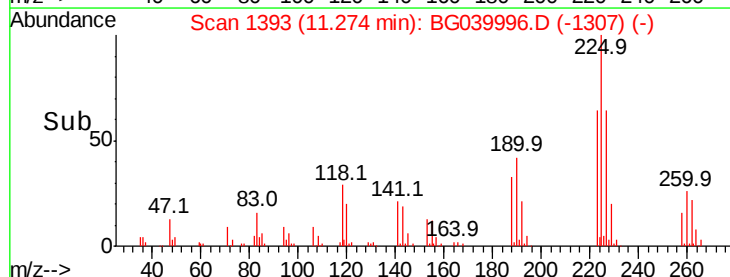
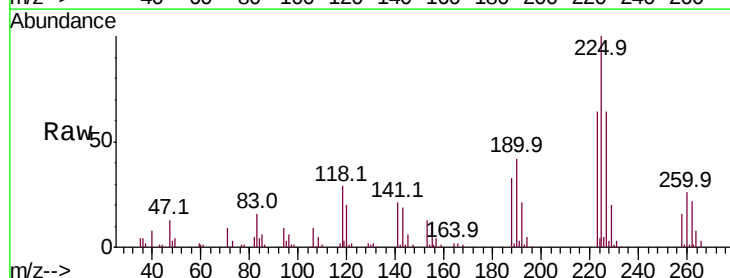
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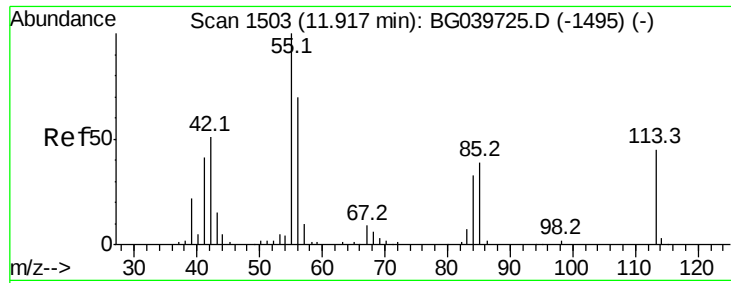
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#34
Hexachlorobutadiene
Concen: 46.432 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	49.0	73.6		
227	63.5	46.3	69.5		





#35

Caprolactam

Concen: 31.672 ng/mL

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-AMS

Tot Ion: 113 Resp: 34995

Ion Ratio Lower Upper

113 100

55 233.6 216.9 256.9

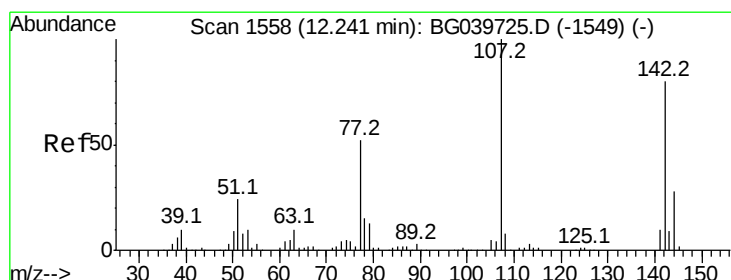
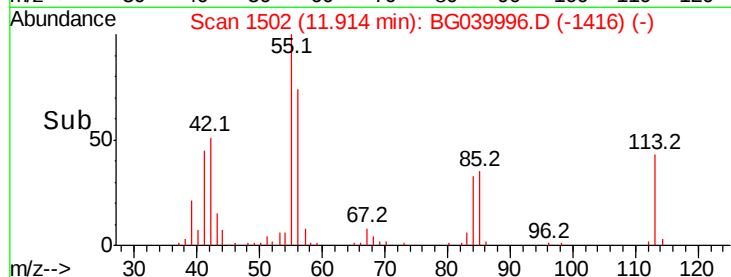
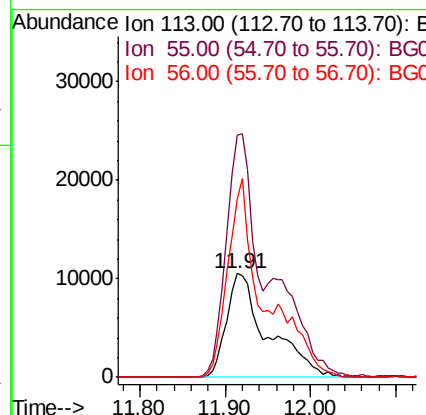
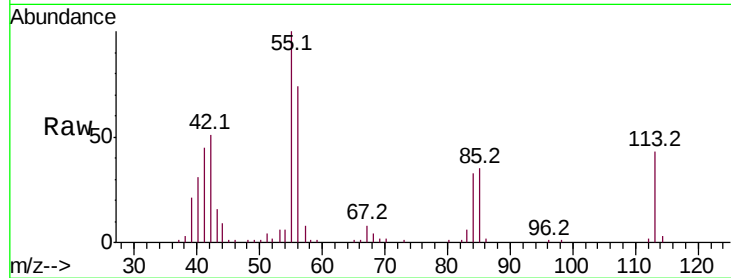
56 171.7 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 45.438 ng/mL

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

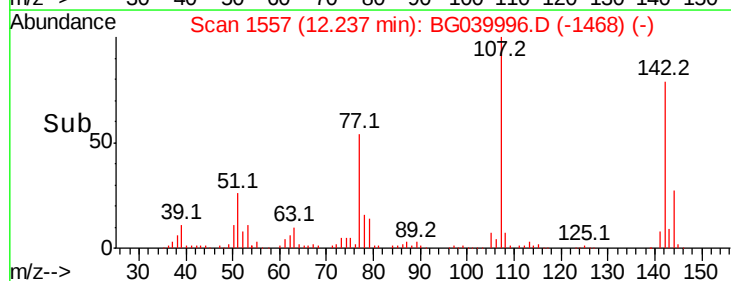
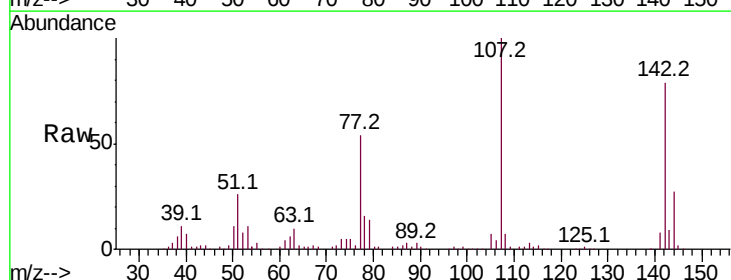
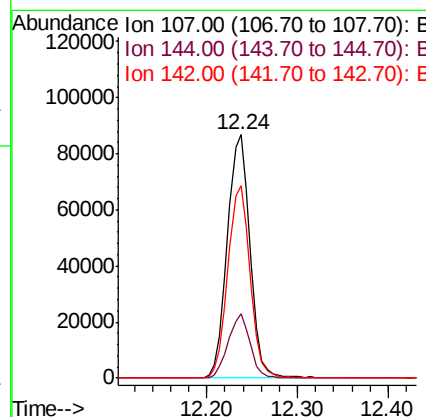
Tgt Ion: 107 Resp: 150664

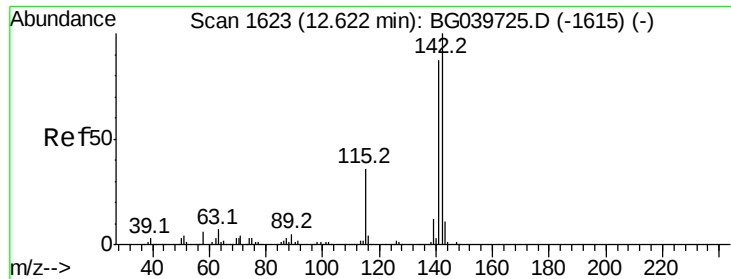
Ion Ratio Lower Upper

107 100

144 26.6 20.2 30.2

142 79.2 61.4 92.2





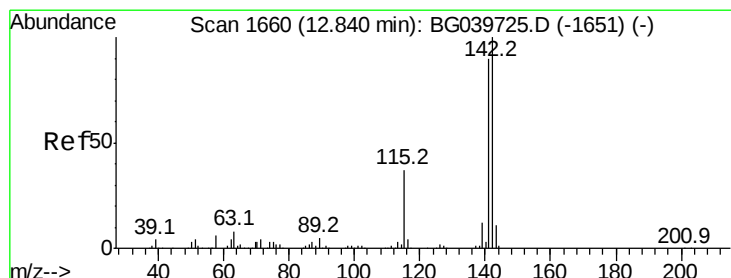
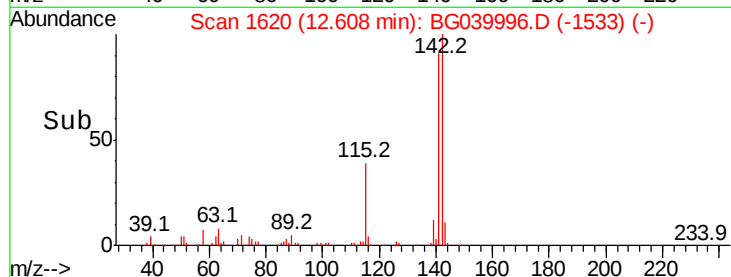
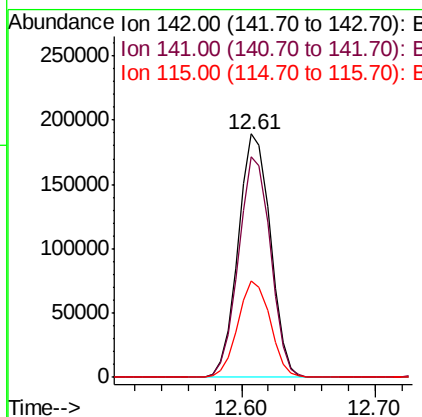
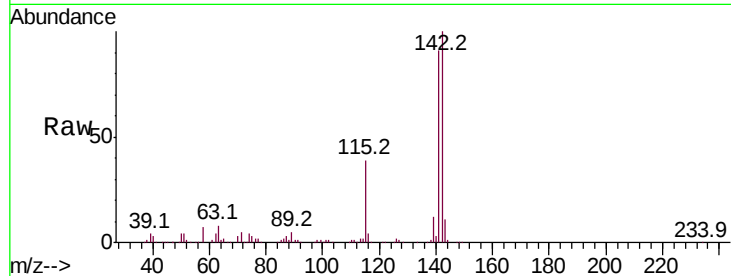
#37
 2-Methylnaphthalene
 Concen: 45.215 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	39.4	30.8	46.2

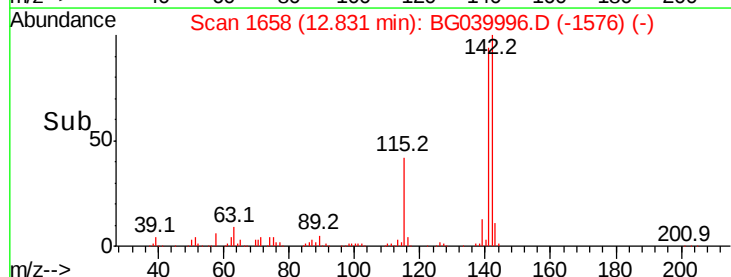
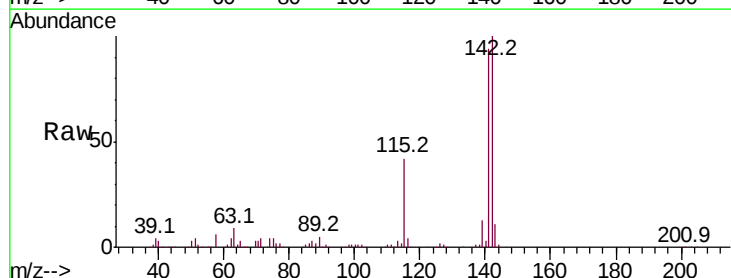
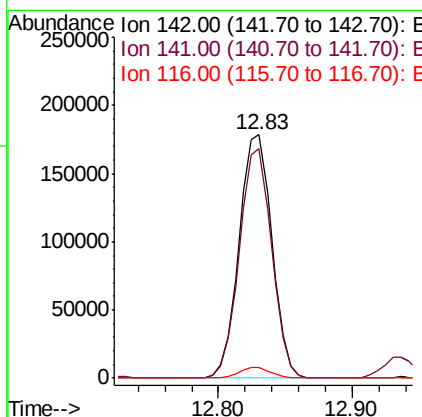
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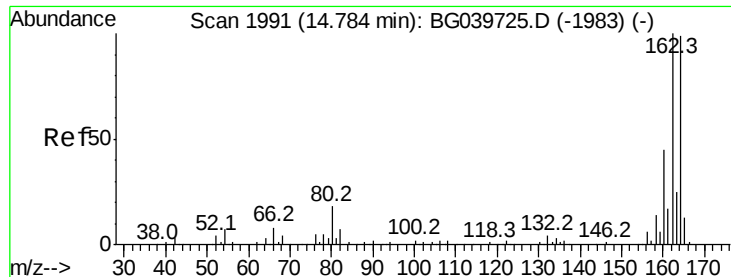
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#38
 1-Methylnaphthalene
 Concen: 44.512 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	4.3	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: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

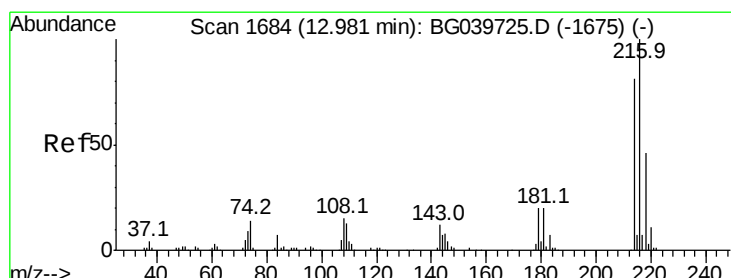
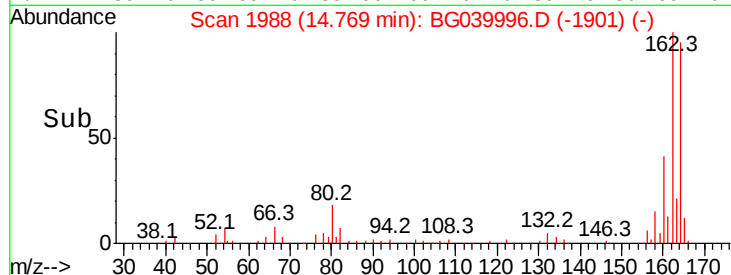
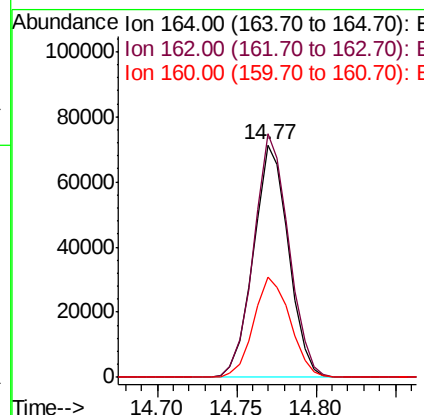
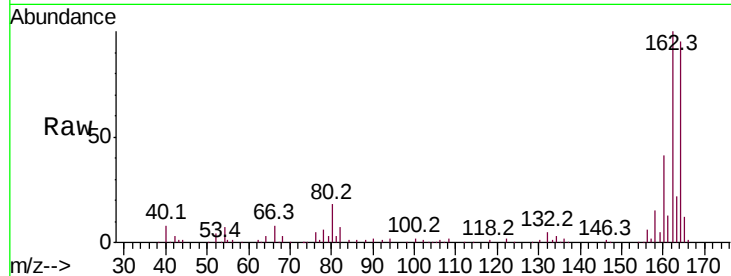
ClientSampleId :

HR-05-031519-AMS

Tot Ion:	164	Resp:	109268
Ion Ratio	Lower	Upper	
164	100		
162	104.9	81.6	122.4
160	43.3	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.685 ng

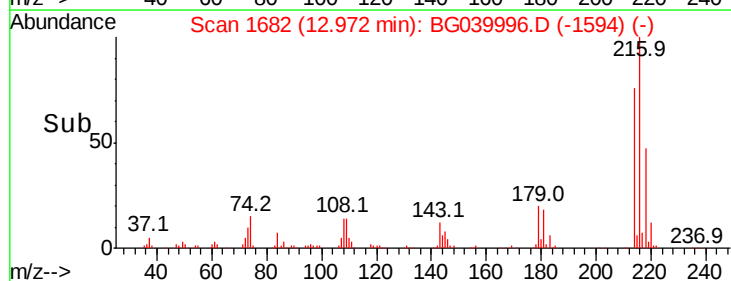
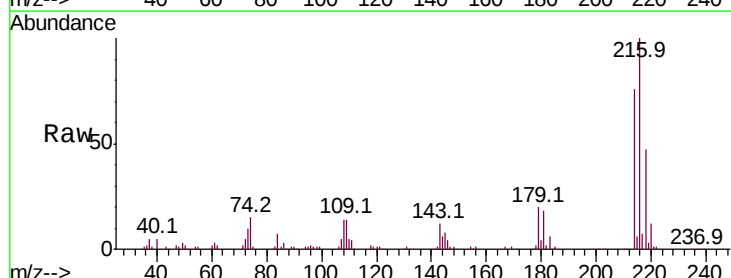
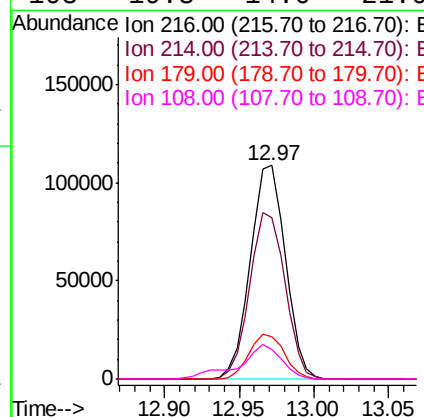
RT: 12.97 min Scan# 1682

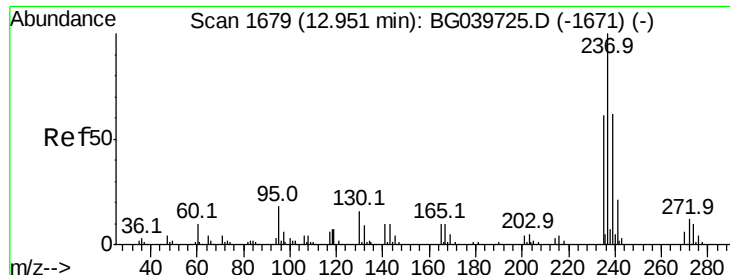
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	216	Resp:	176516
Ion Ratio	Lower	Upper	
216	100		
214	78.6	62.6	94.0
179	21.1	16.6	25.0
108	19.3	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 115.423 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

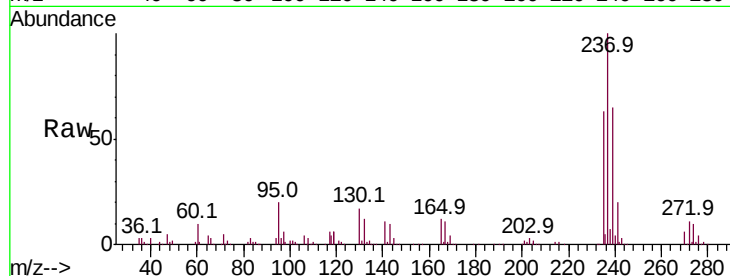
ClientSampleId :

HR-05-031519-AMS

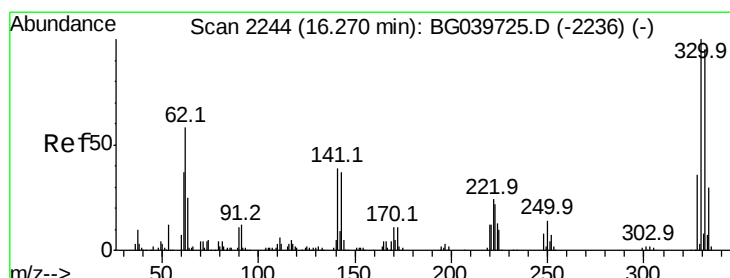
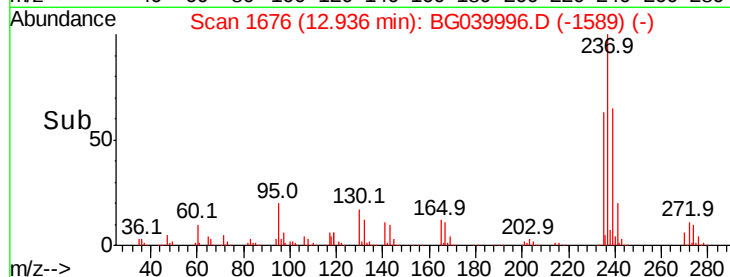
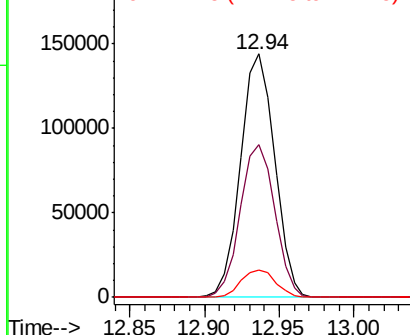
Tot Ion:	237	Resp:	228972
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.3	83.3
272	11.4	0.0	32.3

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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: 150.941 ng

RT: 16.26 min Scan# 2242

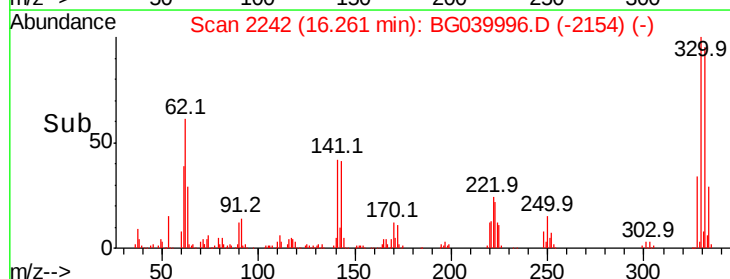
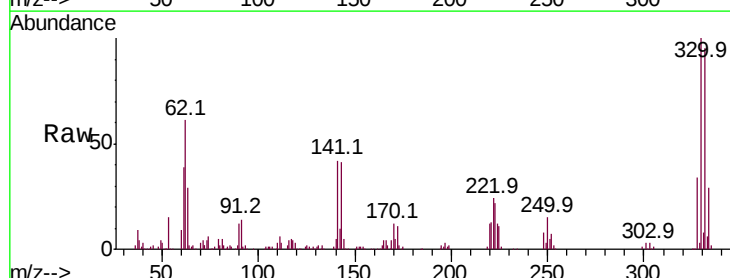
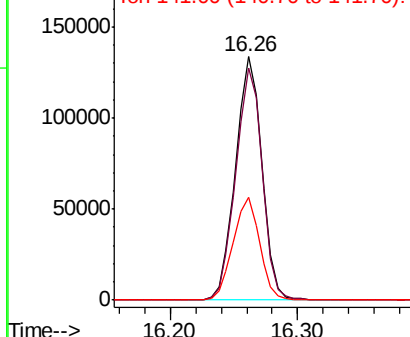
Delta R.T. -0.02 min

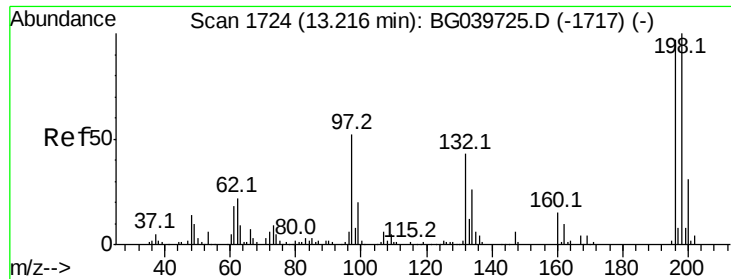
Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	330	Resp:	192238
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.7	113.5
141	42.2	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





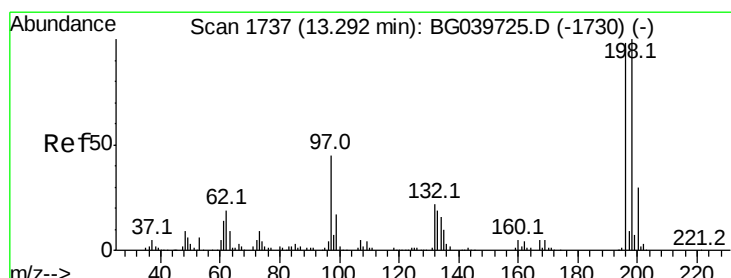
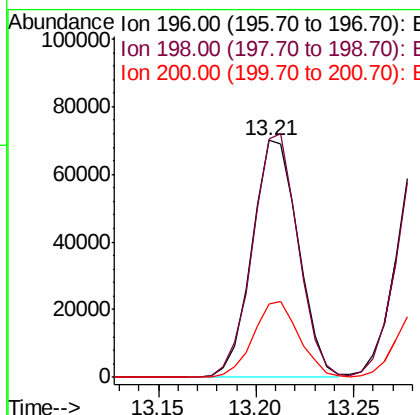
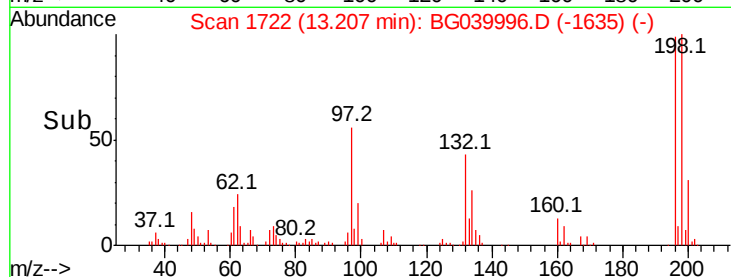
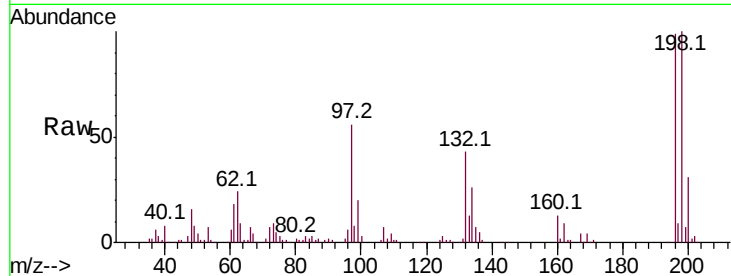
#43
 2,4,6-Trichlorophenol
 Concen: 53.088 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	115053		
198	100.7	80.6	121.0	
200	30.8	26.1	39.1	

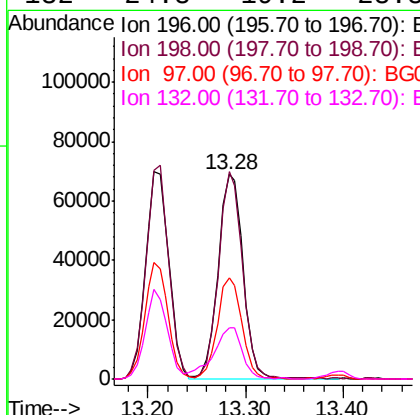
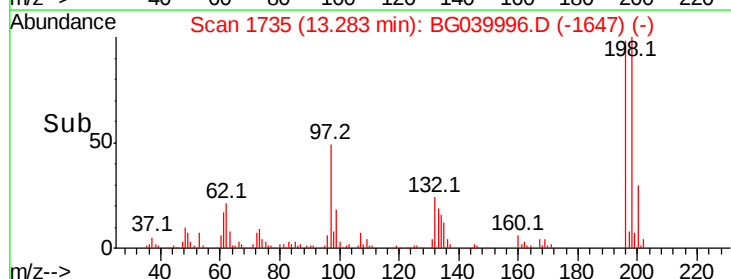
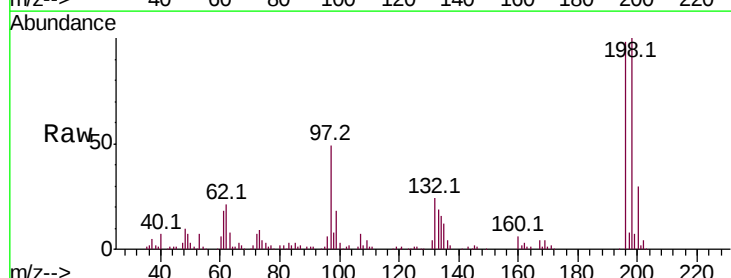
Manual Integrations
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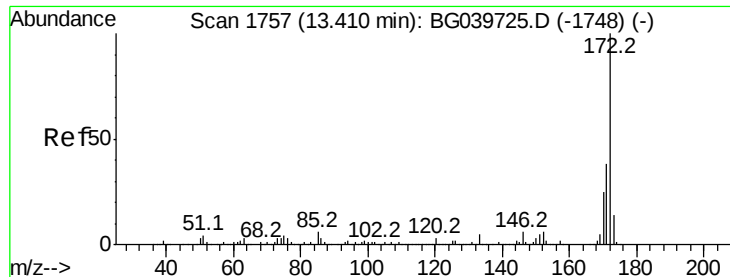
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#44
 2,4,5-Trichlorophenol
 Concen: 50.106 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122399		
198	101.7	78.5	117.7	
97	49.6	38.4	57.6	
132	24.8	19.2	28.8	





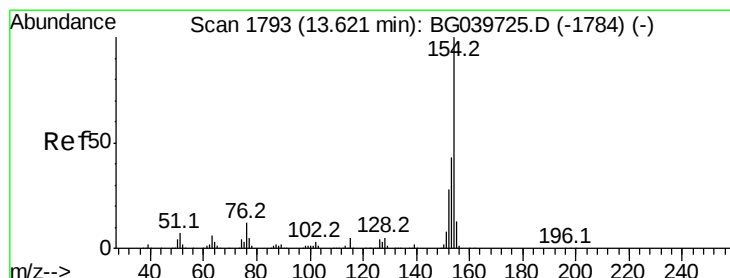
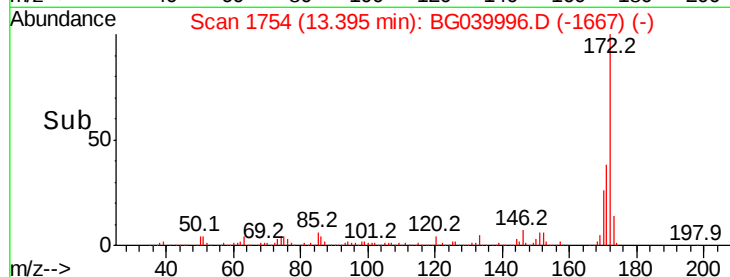
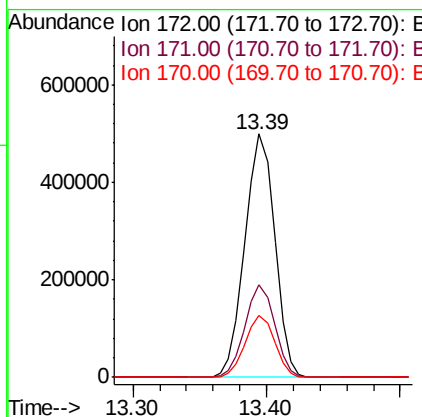
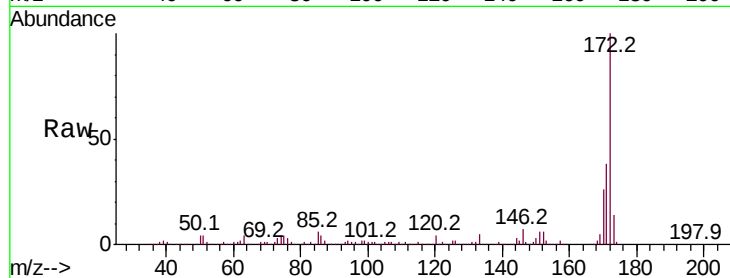
#45
2-Fluorobiphenyl
Concen: 100.723 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	772974		
171	37.8		30.8	46.2
170	25.5		20.2	30.4

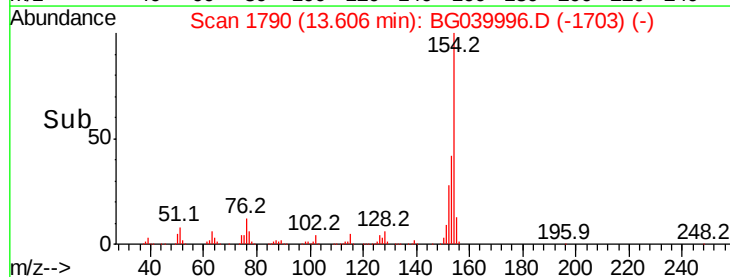
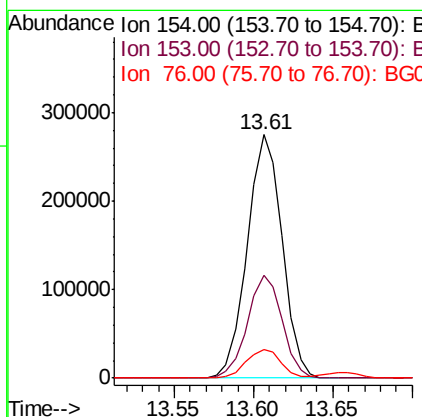
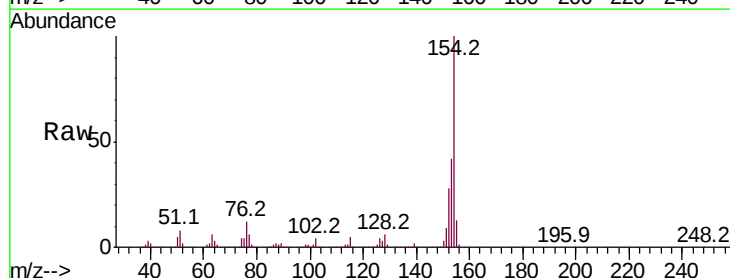
Manual Integrations
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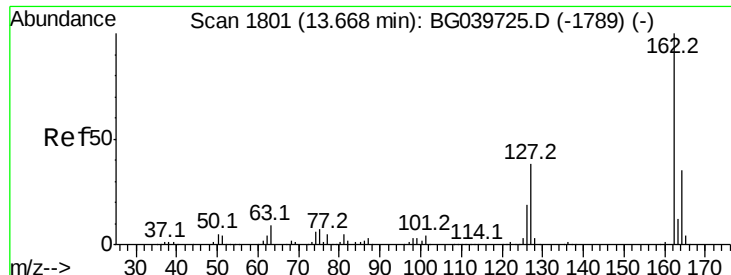
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#46
1,1'-Biphenyl
Concen: 46.809 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	420677		
153	42.5		22.1	62.1
76	11.6		0.0	32.4





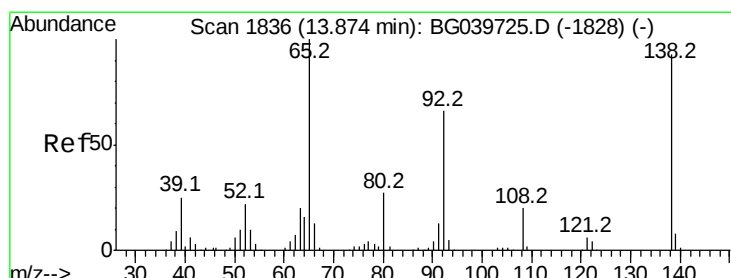
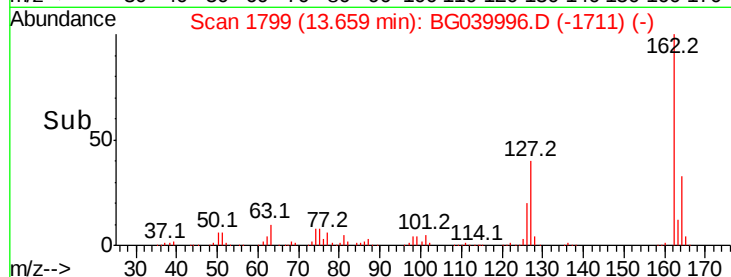
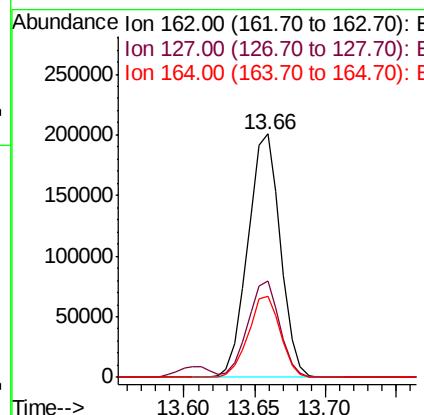
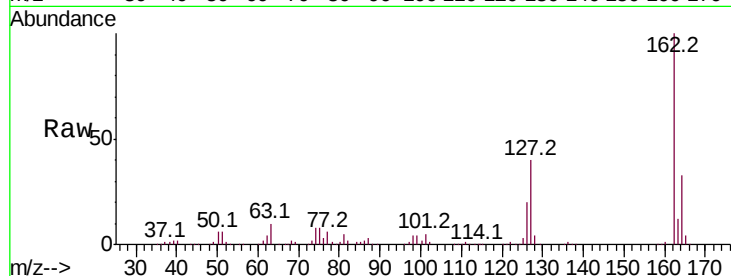
#47
 2-Chloronaphthalene
 Concen: 47.761 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.8	31.0	46.6
164	33.3	25.7	38.5

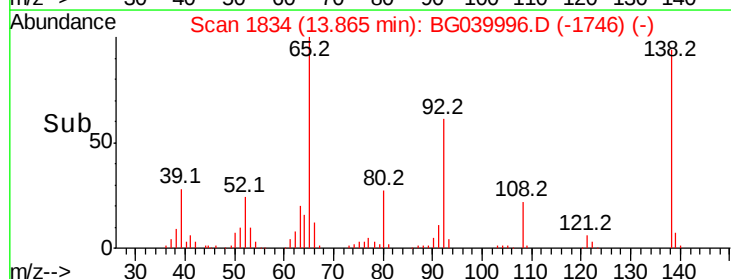
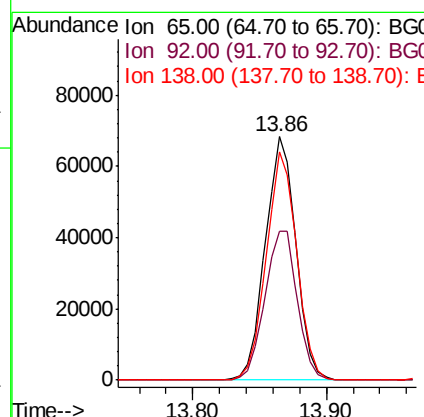
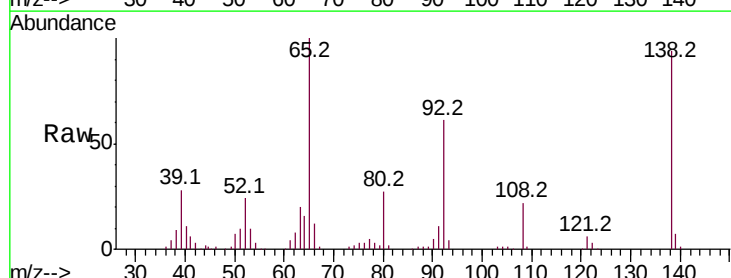
Manual Integrations
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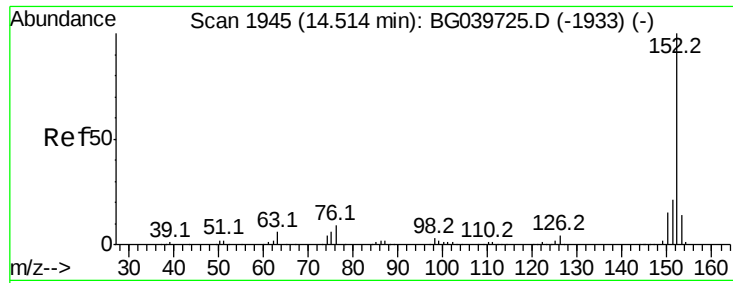
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#48
 2-Nitroaniline
 Concen: 49.971 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	61.4	51.4	77.2
138	93.8	71.4	107.2





#49

Acenaphthylene

Concen: 45.828 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

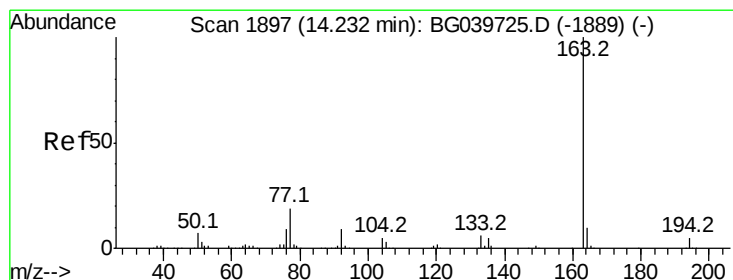
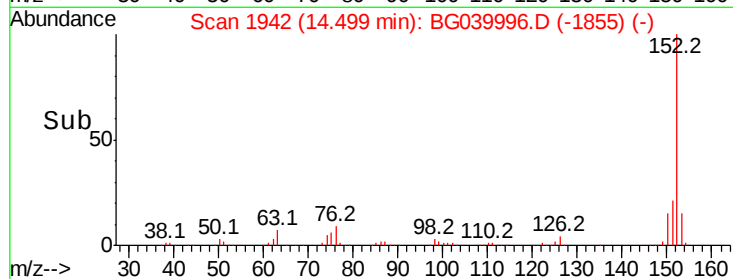
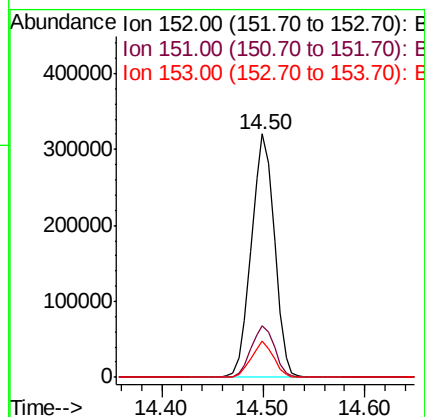
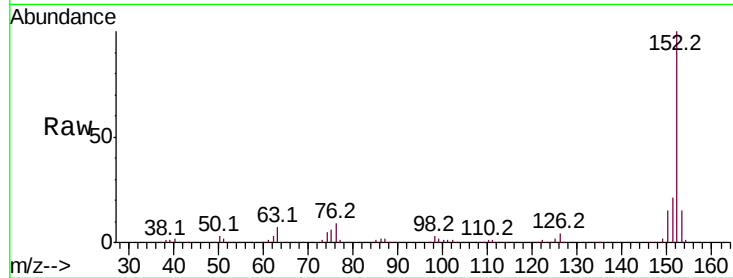
ClientSampleId :

HR-05-031519-AMS

Tot Ion:	152	Resp:	508634
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	15.1	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.447 ng

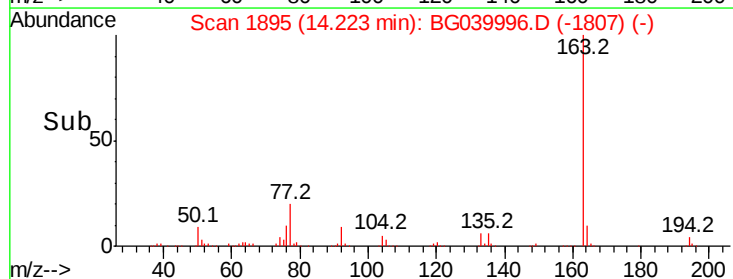
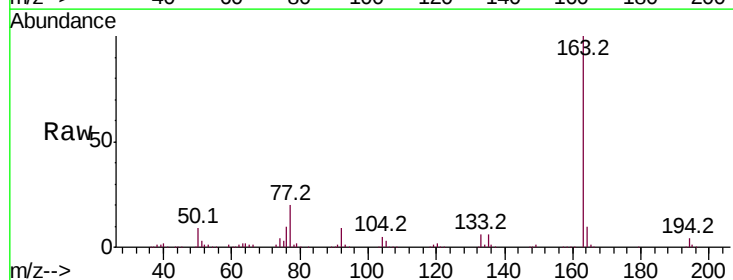
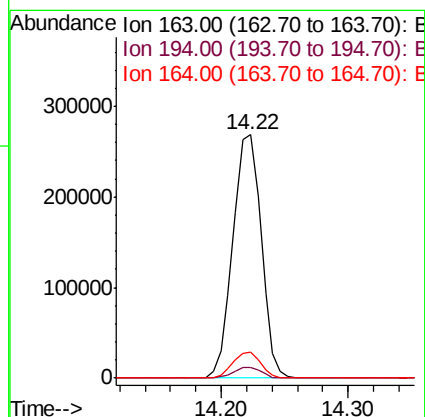
RT: 14.22 min Scan# 1895

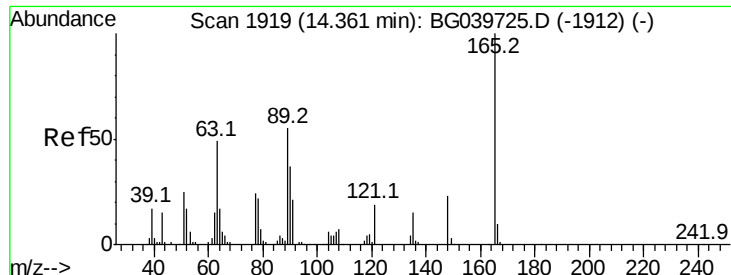
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	163	Resp:	415244
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.4	8.4	12.6





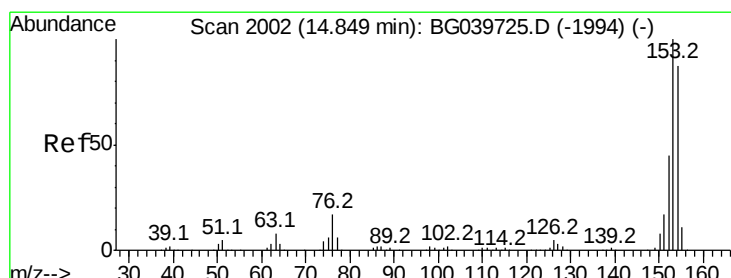
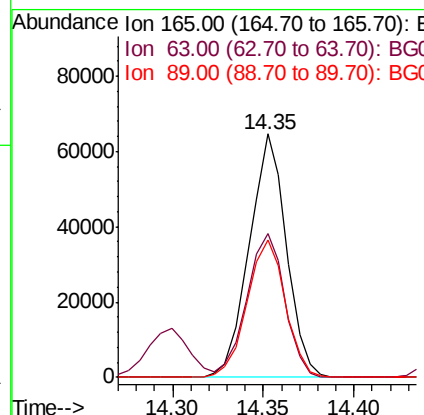
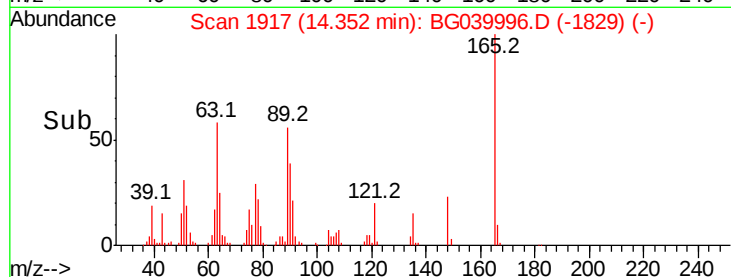
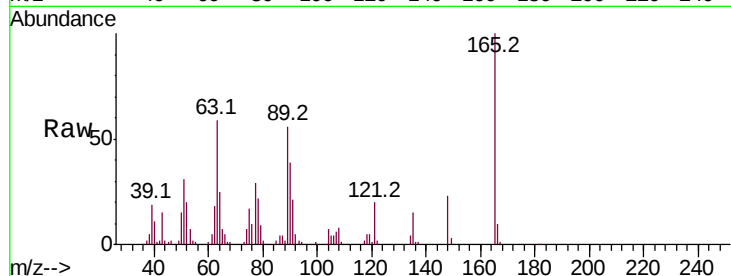
#51
2,6-Dinitrotoluene
Concen: 47.365 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.1	47.0	70.6	
89	56.2	45.8	68.8	

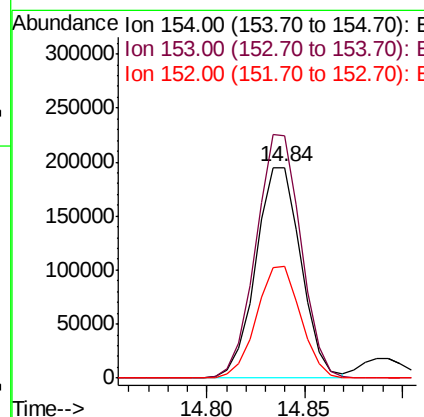
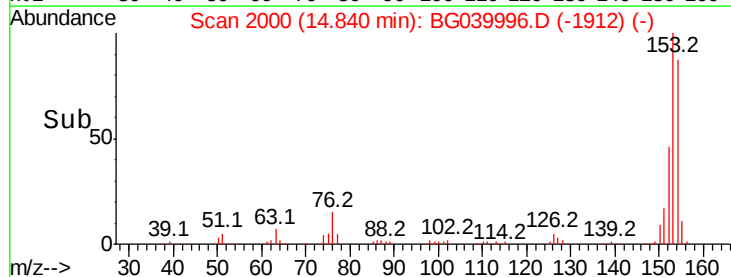
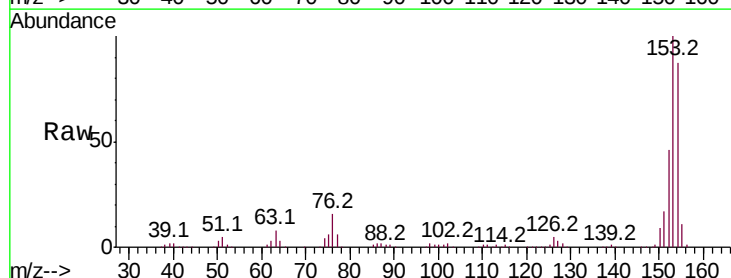
Manual Integrations
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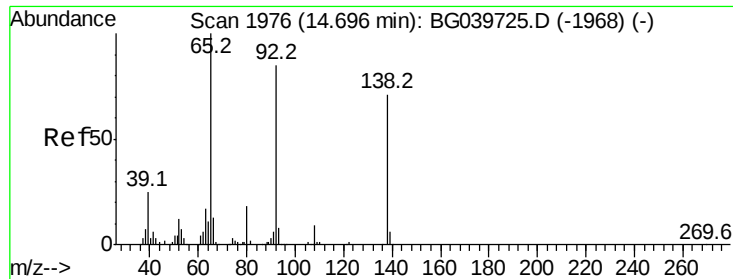
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#52
Acenaphthene
Concen: 46.687 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.1	90.1	135.1	
152	52.8	40.9	61.3	





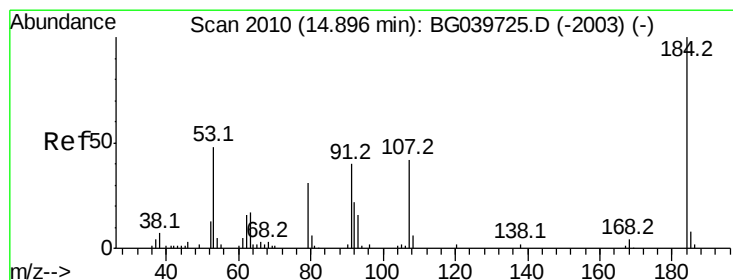
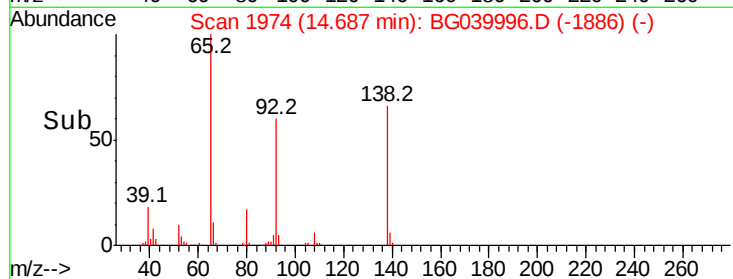
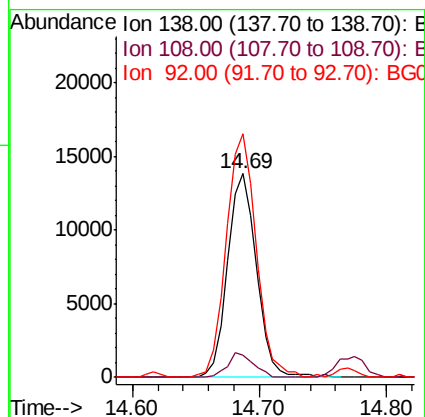
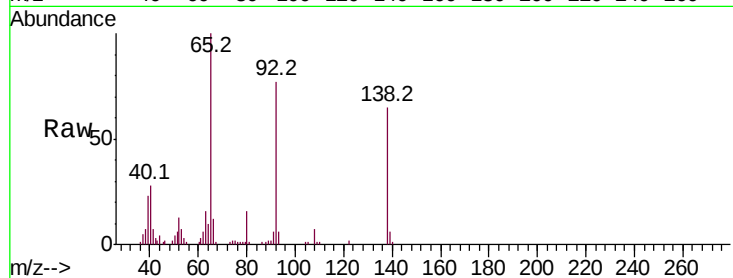
#53
3-Nitroaniline
Concen: 11.160 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion:138 Resp: 21730
Ion Ratio Lower Upper
138 100
108 11.0 13.8 20.8#
92 119.5 103.7 155.5

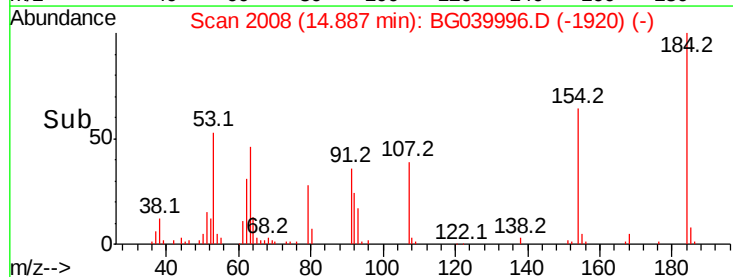
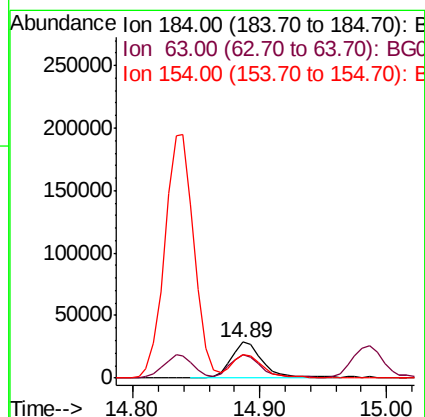
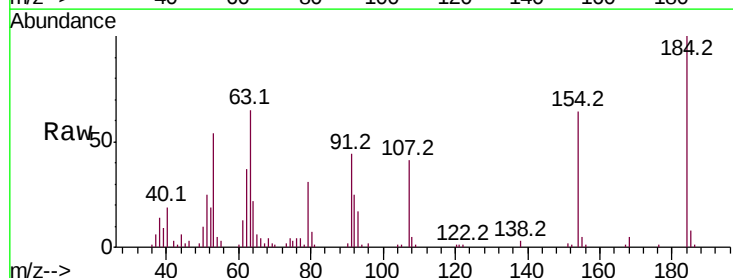
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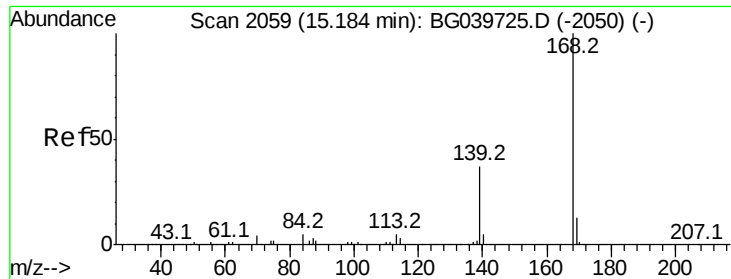
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#54
2,4-Dinitrophenol
Concen: 42.941 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:184 Resp: 49270
Ion Ratio Lower Upper
184 100
63 64.8 50.9 76.3
154 64.1 53.0 79.6





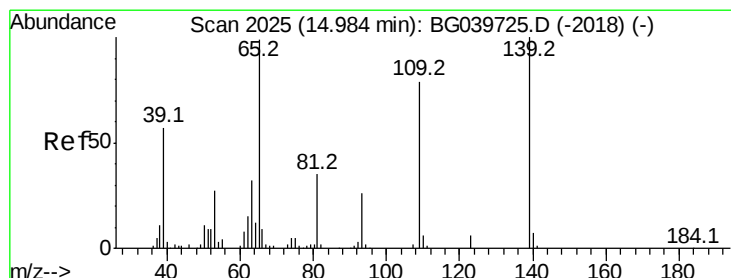
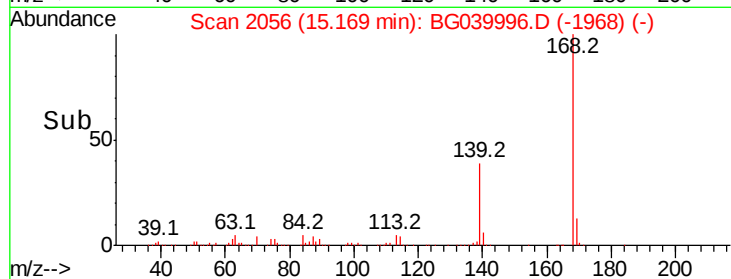
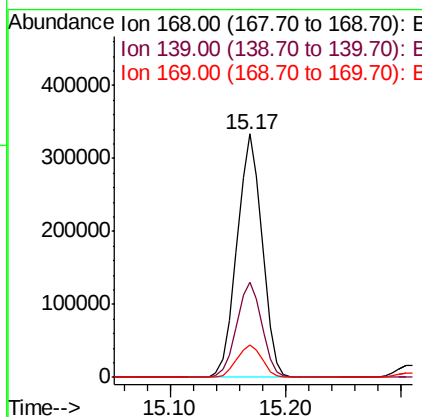
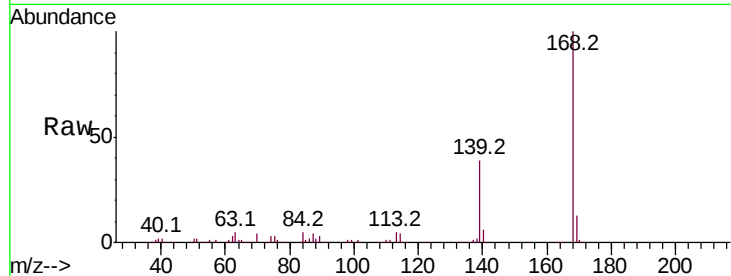
#55
Dibenzofuran
Concen: 45.695 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	30.1	45.1	
169	13.4	10.6	16.0	

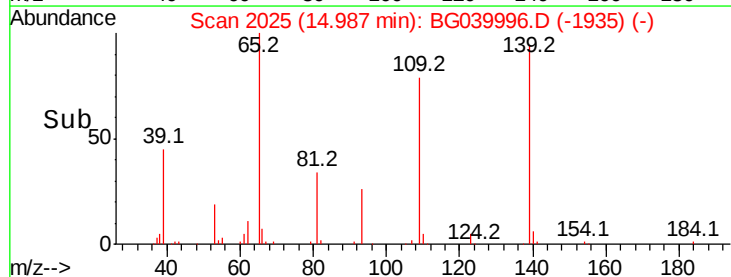
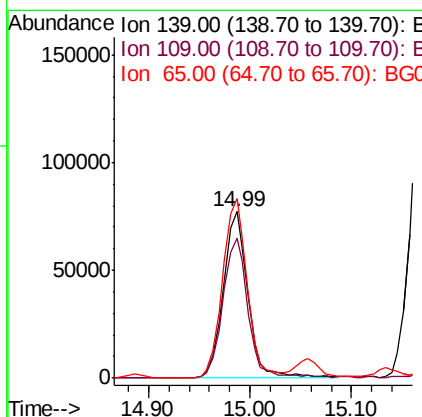
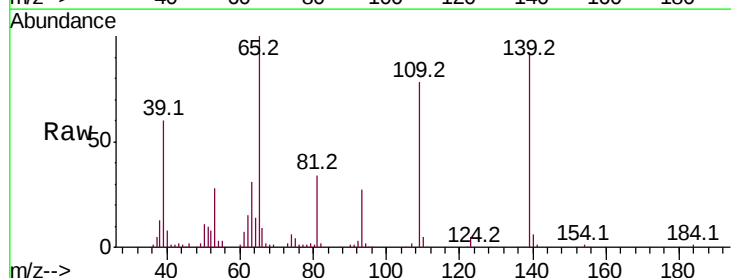
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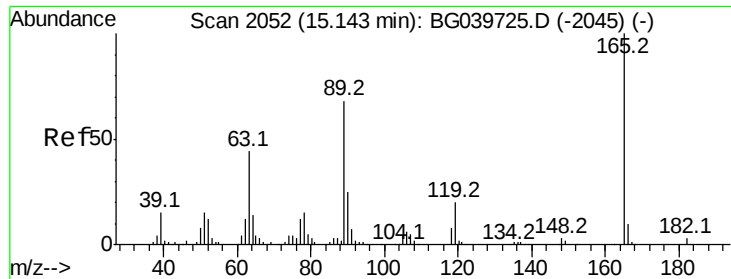
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#56
4-Nitrophenol
Concen: 74.936 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	84.1	61.9	101.9	
65	108.3	99.1	139.1	





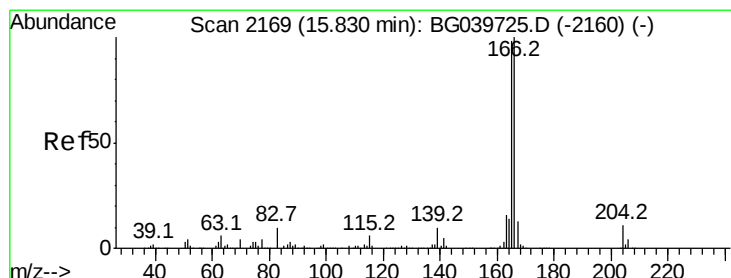
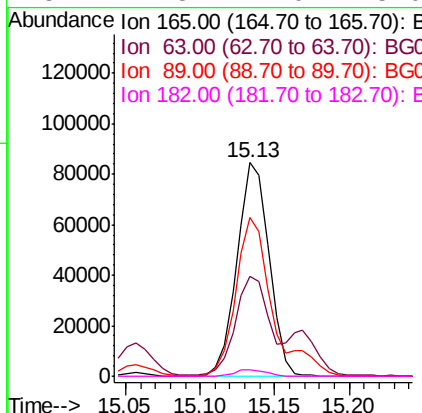
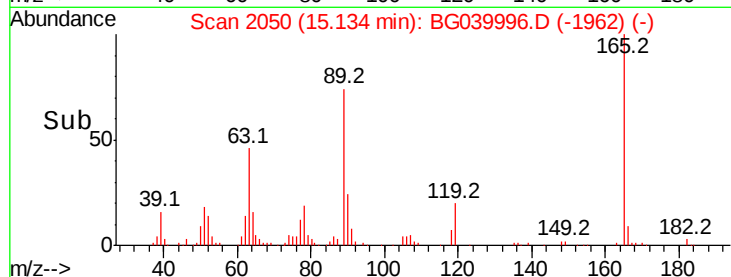
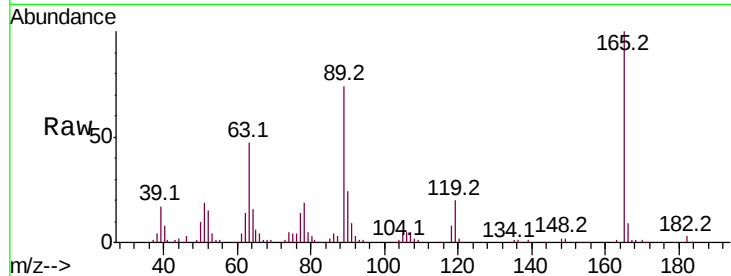
#57
2,4-Dinitrotoluene
Concen: 46.320 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.8	41.0	61.6	
89	74.4	64.6	96.8	
182	2.8	2.0	3.0	

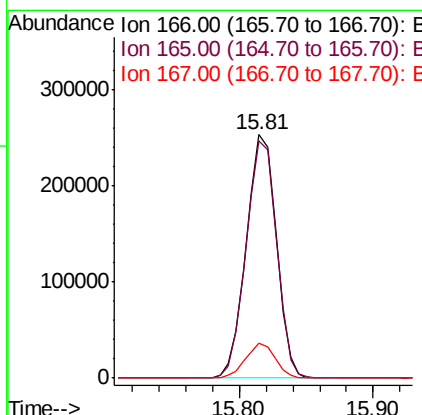
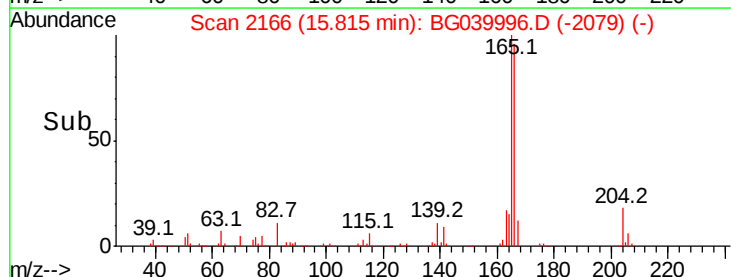
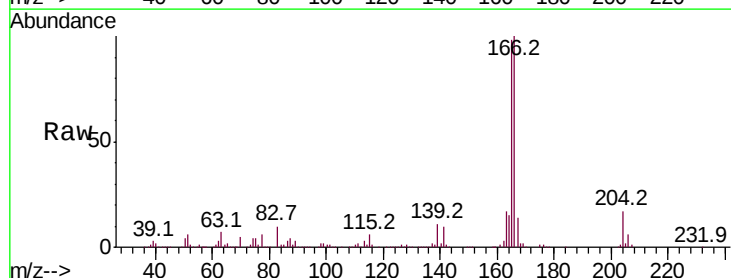
Manual Integrations
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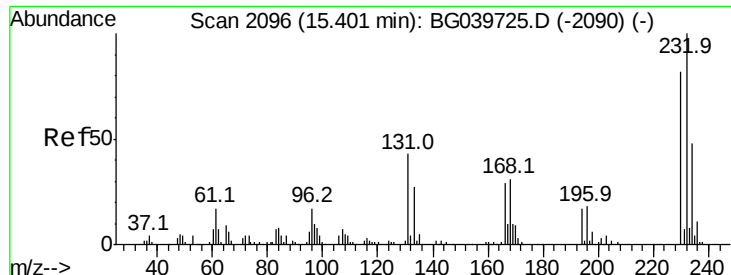
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#58
Fluorene
Concen: 45.581 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	77.9	116.9	
167	14.2	10.8	16.2	





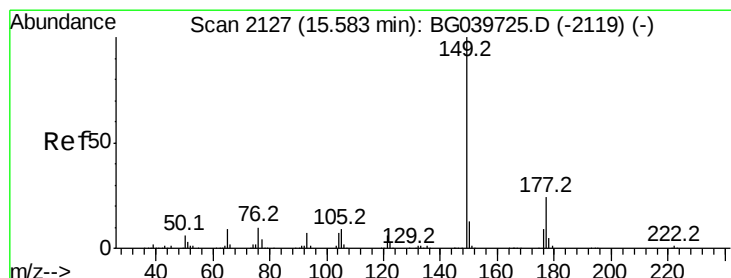
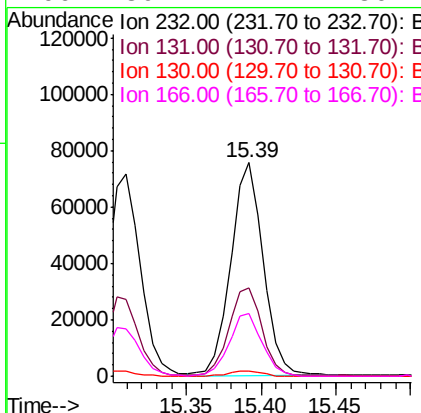
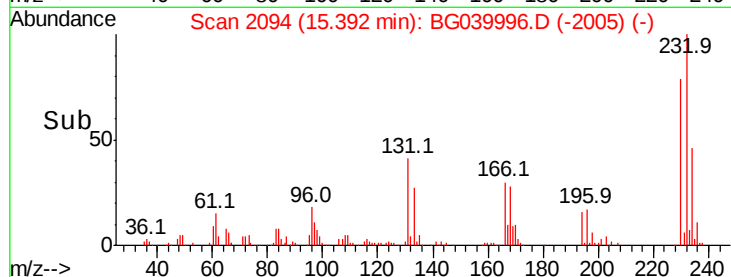
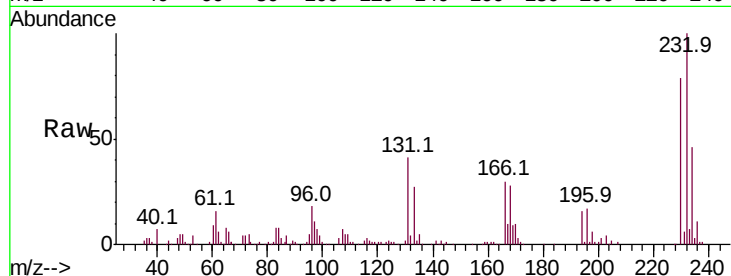
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.782 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	113995		
131	43.7		34.9	52.3
130	2.5		2.0	3.0
166	30.4		24.1	36.1

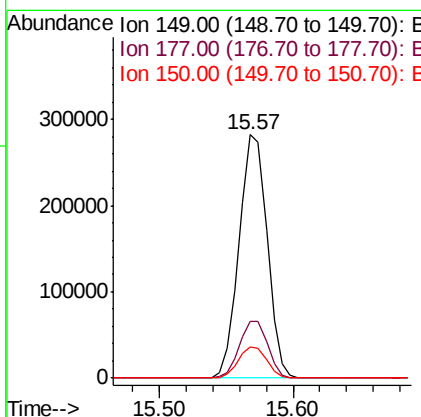
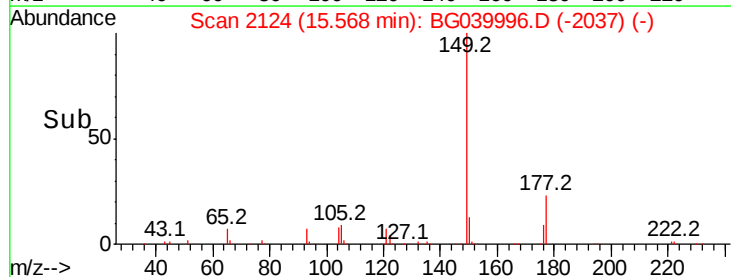
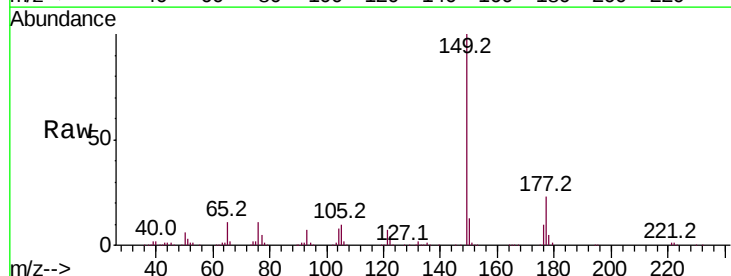
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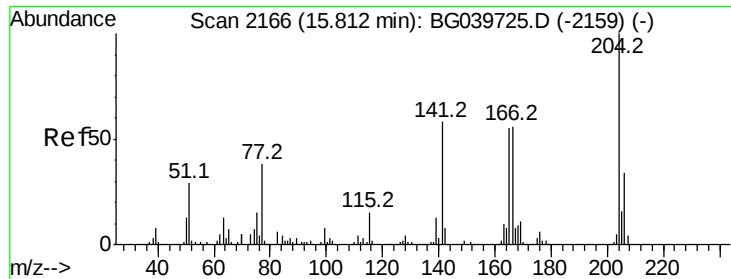
Sohil
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#60
 Diethylphthalate
 Concen: 45.249 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	409273		
177	23.4		18.3	27.5
150	13.0		10.2	15.2





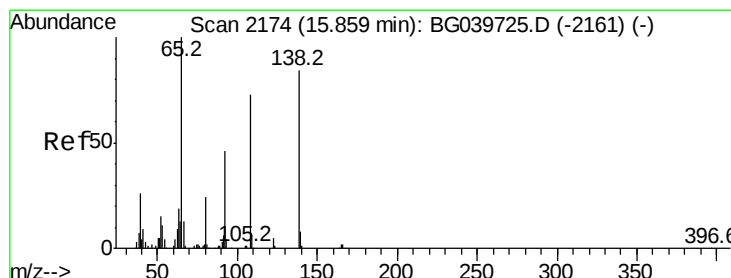
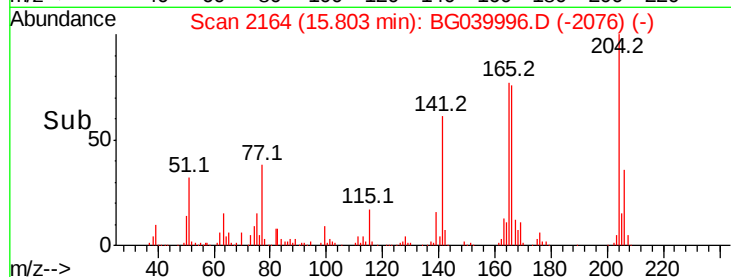
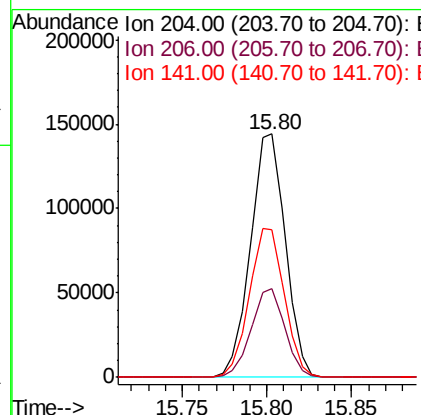
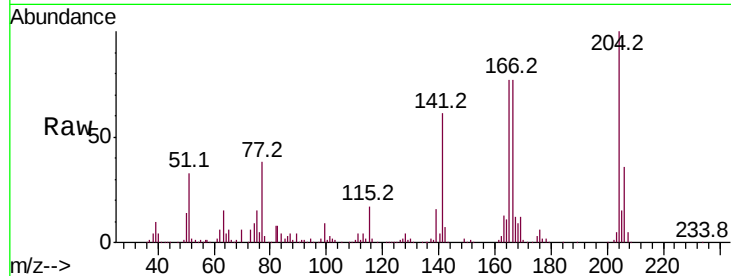
#61
4-Chlorophenyl-phenylether
Concen: 45.184 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.3	29.2	43.8
141	60.6	49.0	73.4

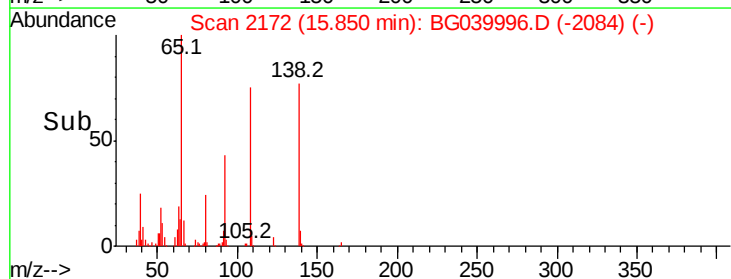
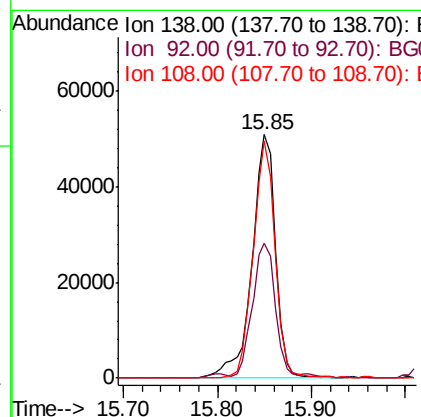
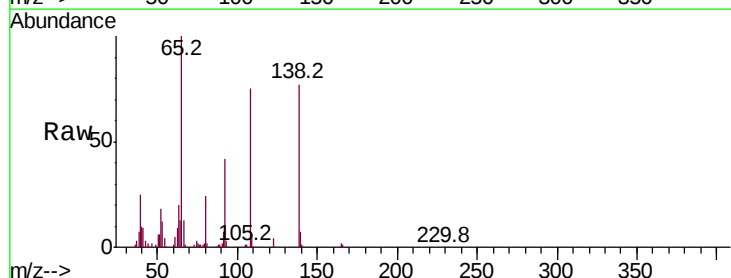
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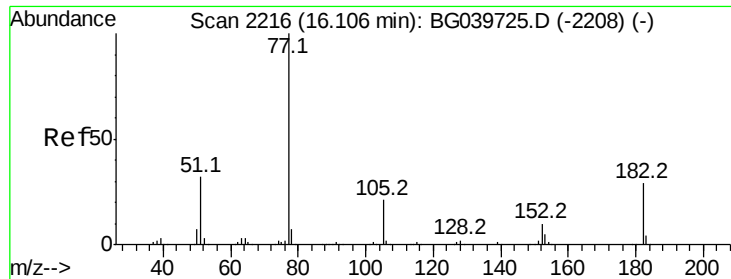
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#62
4-Nitroaniline
Concen: 41.824 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	38.7	78.7
108	97.5	74.6	114.6





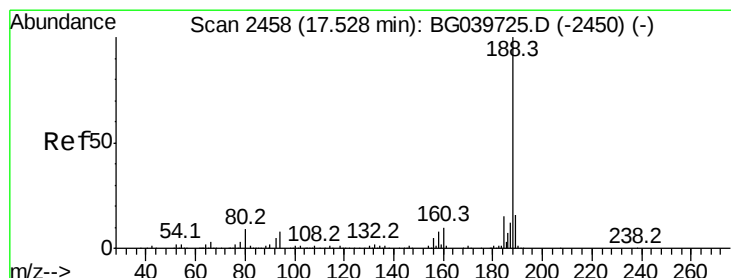
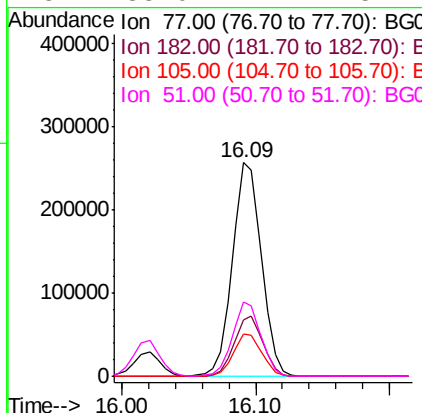
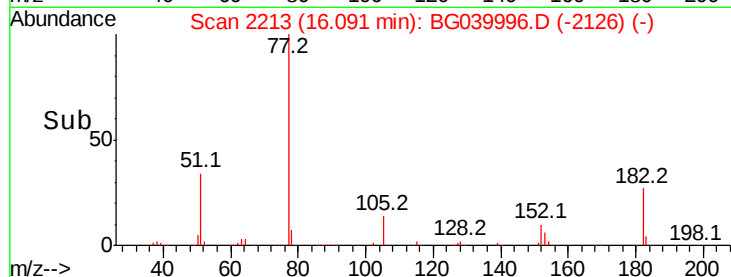
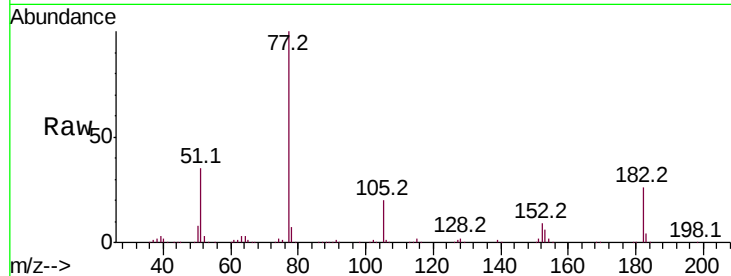
#63
Azobenzene
Concen: 47.186 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.3	6.4	46.4	
105	19.8	0.0	39.8	
51	35.0	14.1	54.1	

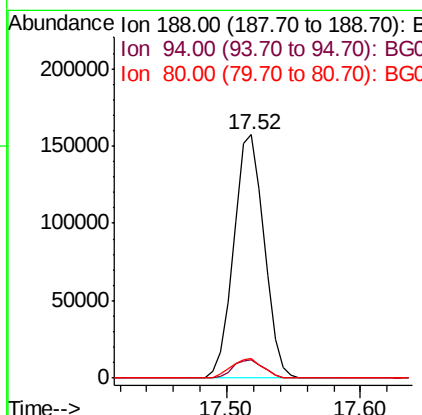
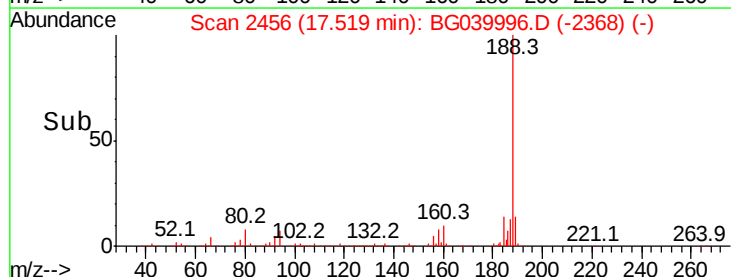
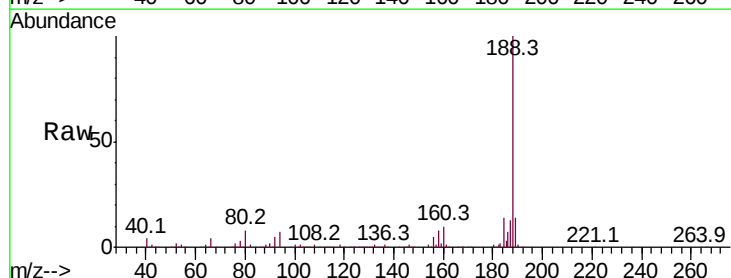
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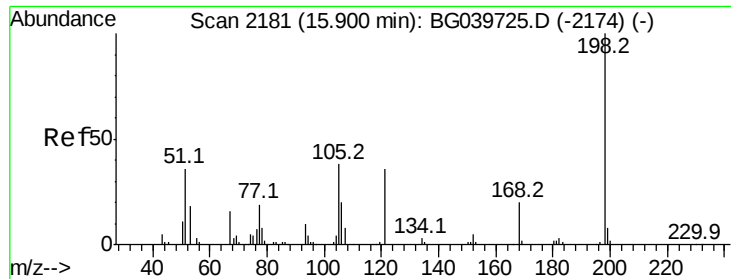
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.4	6.9	10.3	
80	8.1	8.1	12.1	





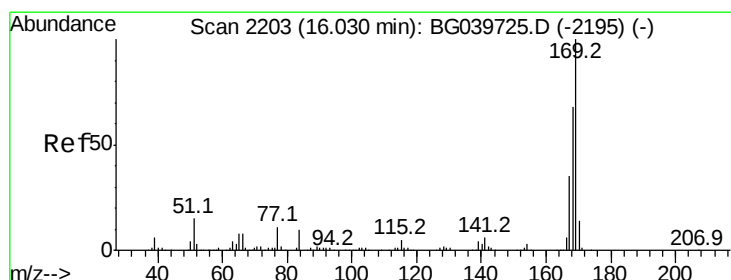
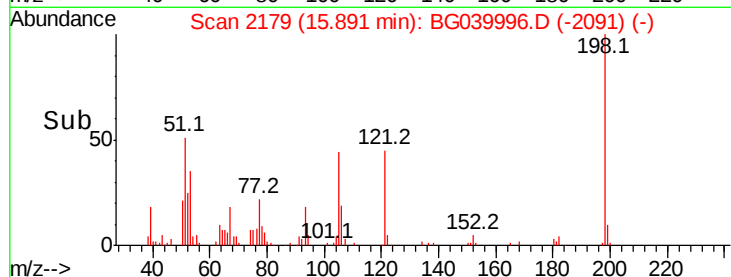
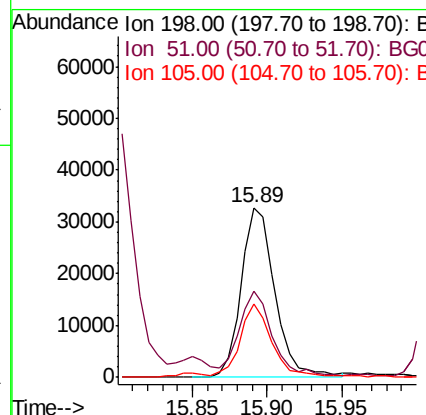
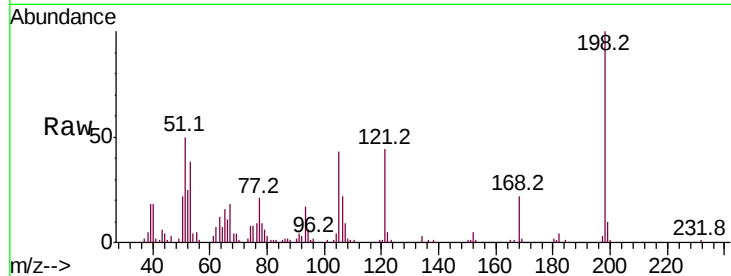
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.913 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	50.5	27.4	67.4
105	42.9	19.7	59.7

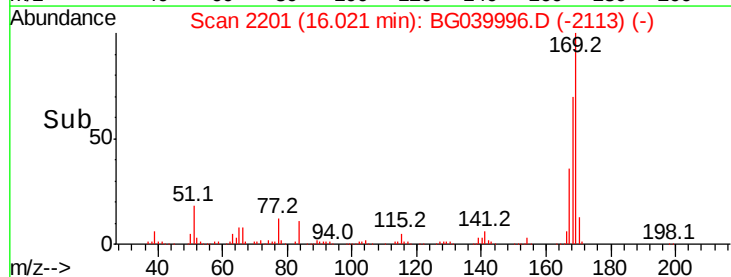
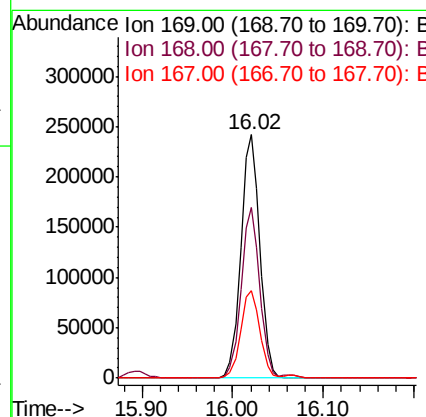
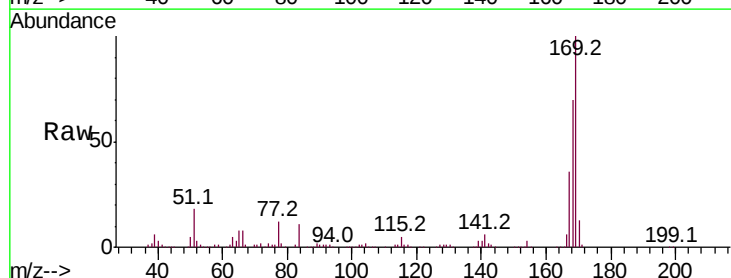
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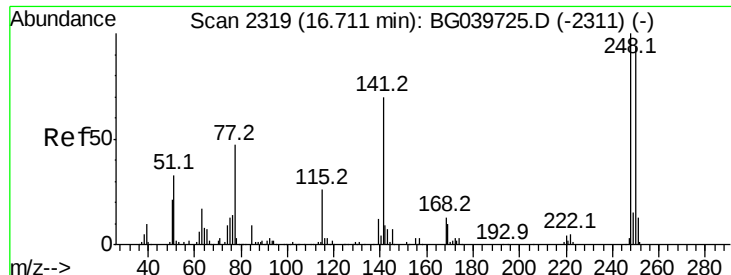
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#66
 n-Nitrosodiphenylamine
 Concen: 49.122 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.6	85.0
167	36.0	28.8	43.2





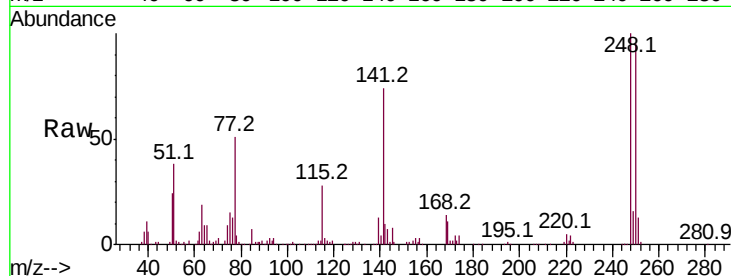
#67
4-Bromophenyl-phenylether
Concen: 47.875 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.6	116.4
141	74.2	63.9	95.9

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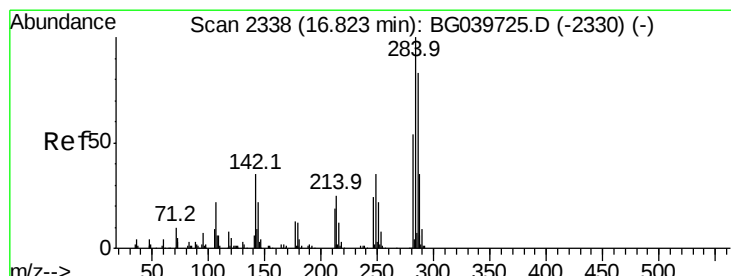
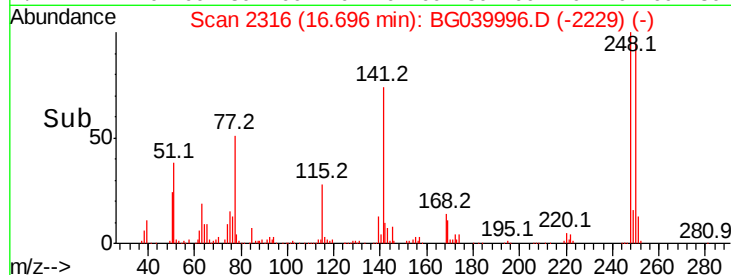
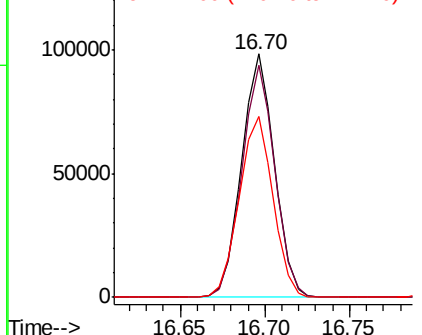


Abundance

Ion 248.00 (247.70 to 248.70): E

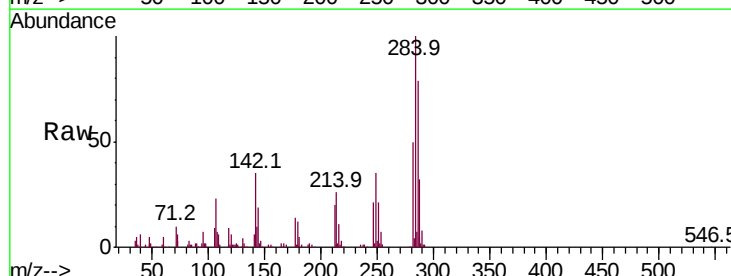
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.650 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	30.6	45.8
249	34.9	28.2	42.2

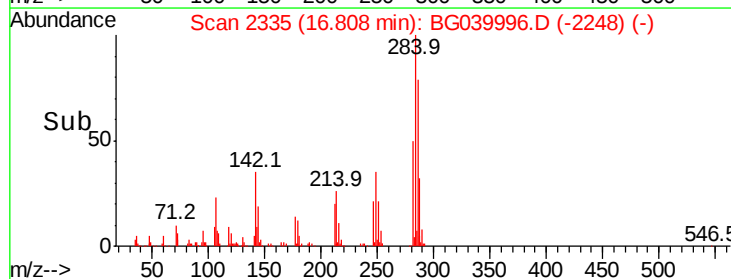
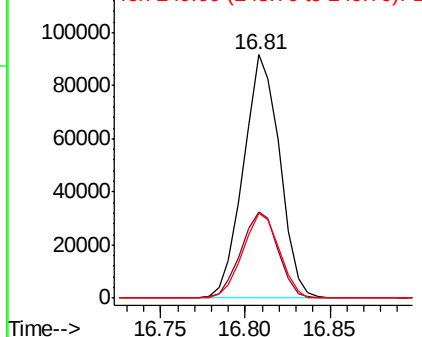


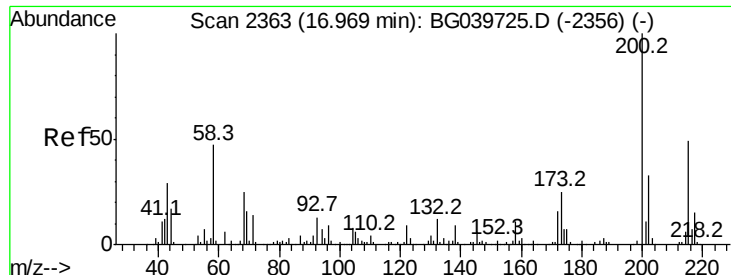
Abundance

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





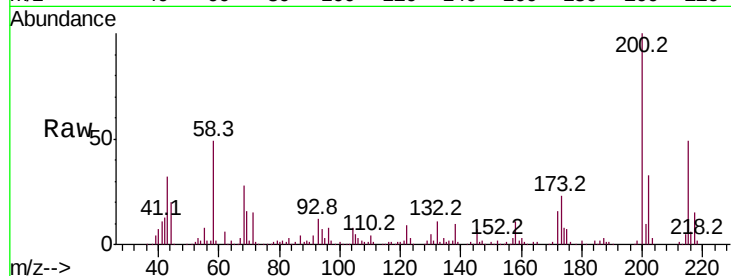
#69
Atrazine
Concen: 47.091 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

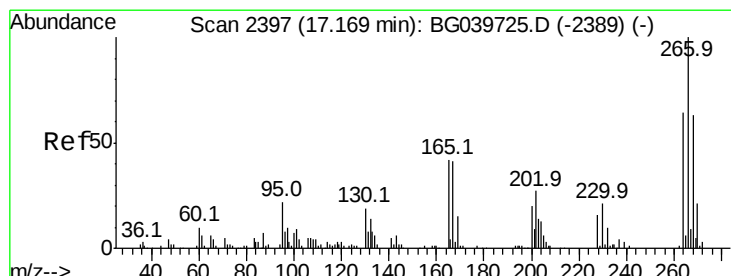
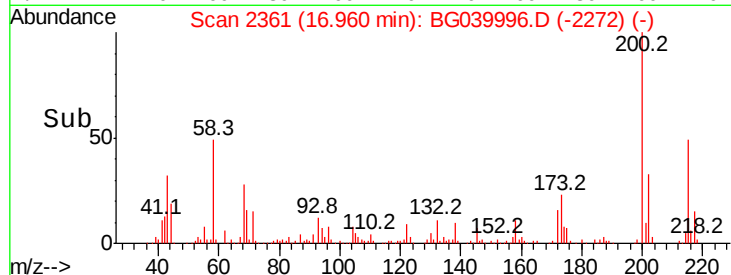
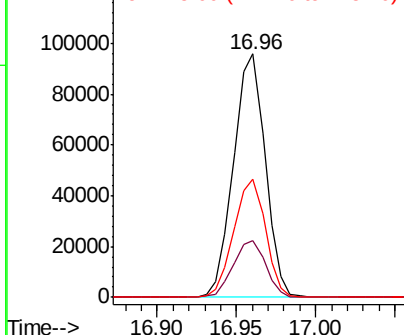
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.4	3.9	43.9
215	48.6	30.9	70.9

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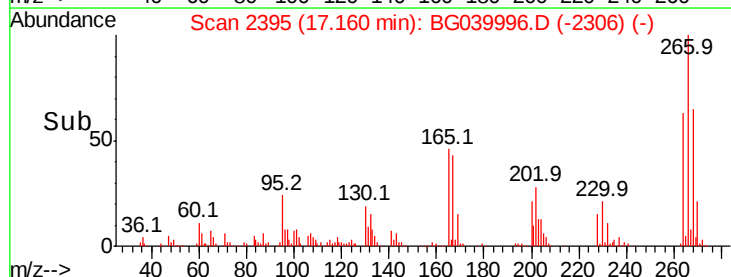
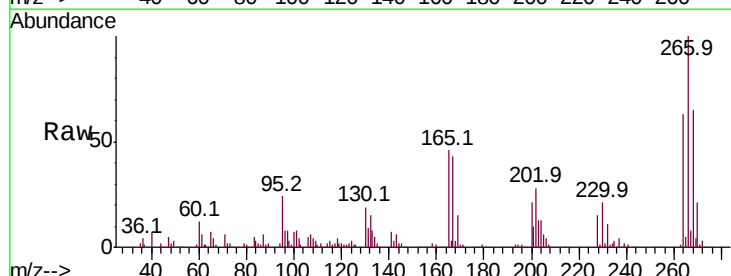
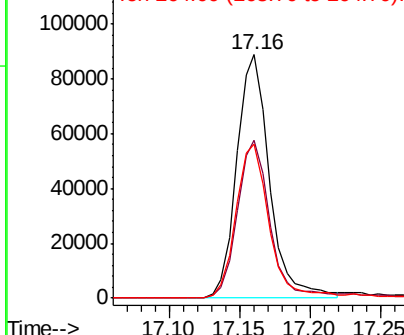
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

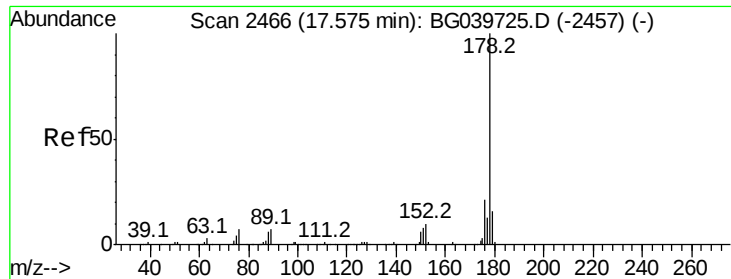


#70
Pentachlorophenol
Concen: 79.338 ng
RT: 17.16 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	51.1	76.7
264	63.1	52.1	78.1

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





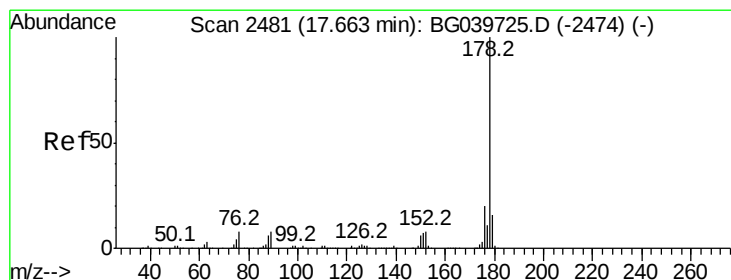
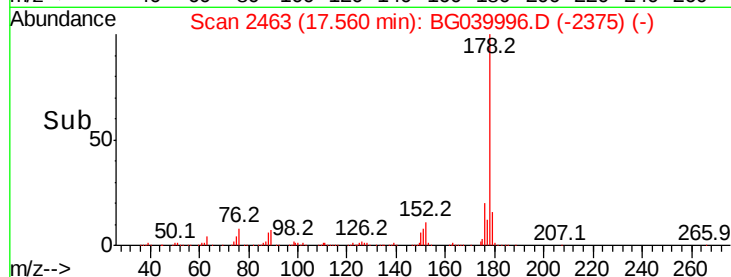
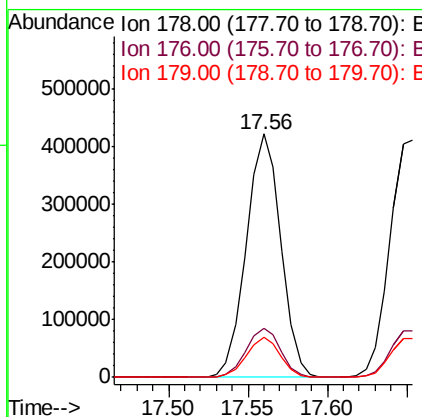
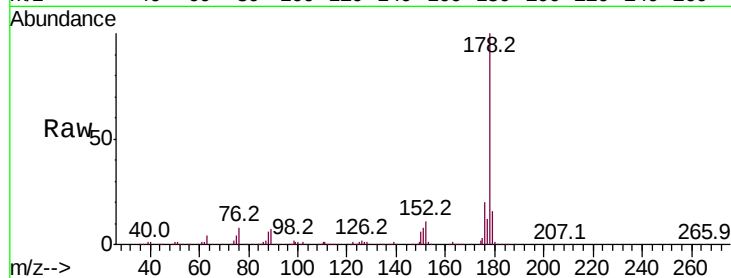
#71
Phenanthrene
Concen: 46.689 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.4	12.6	19.0

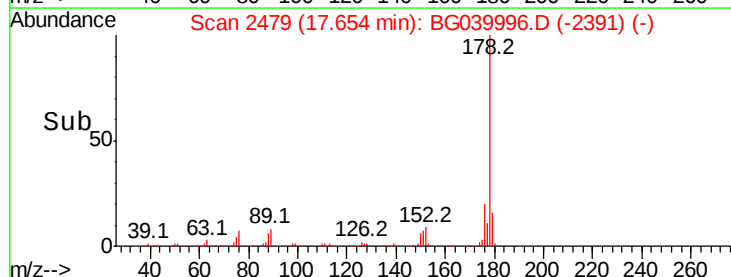
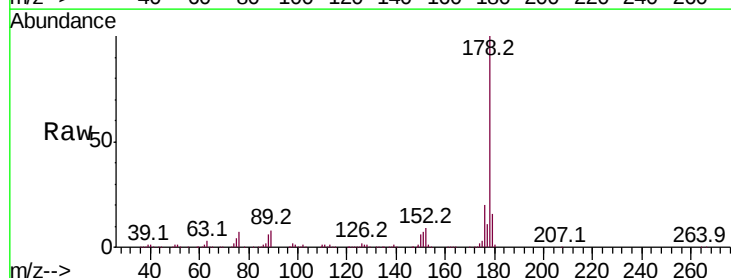
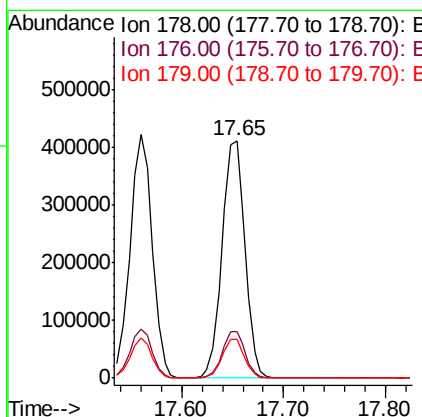
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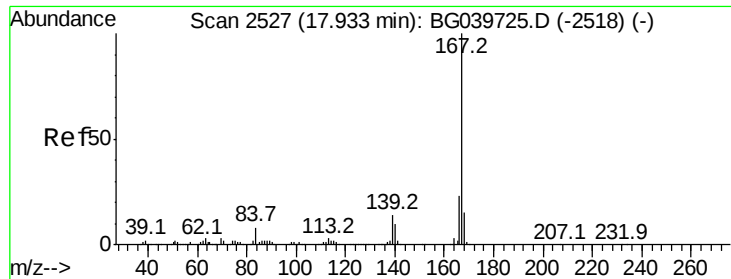
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#72
Anthracene
Concen: 48.405 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.2	12.5	18.7





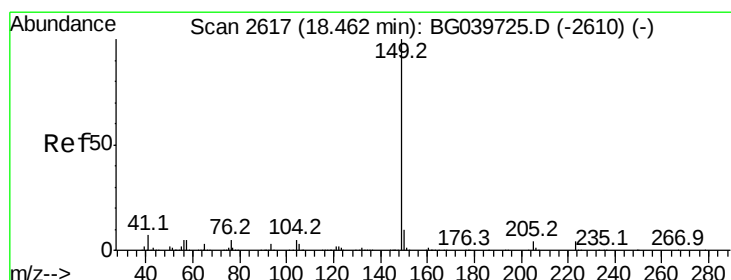
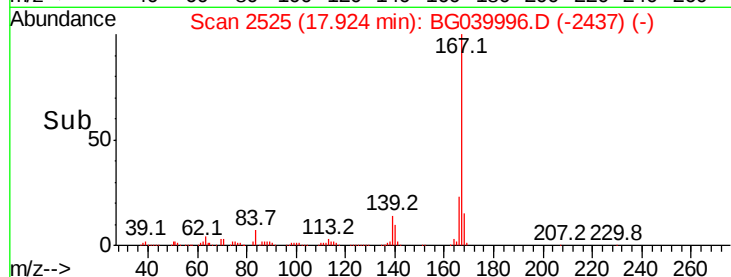
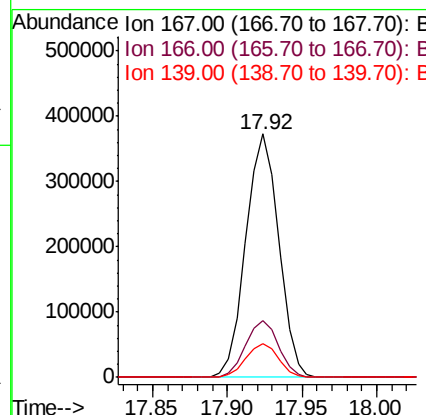
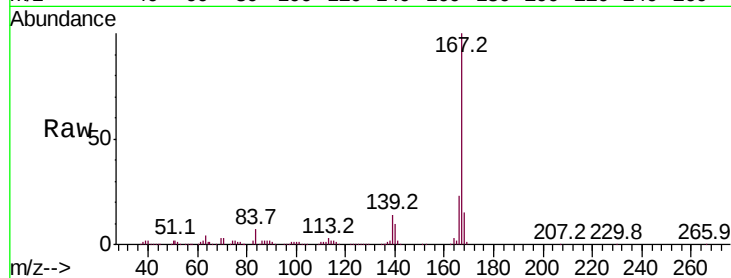
#73
 Carbazole
 Concen: 47.403 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.4	29.2
139	13.9	10.8	16.2

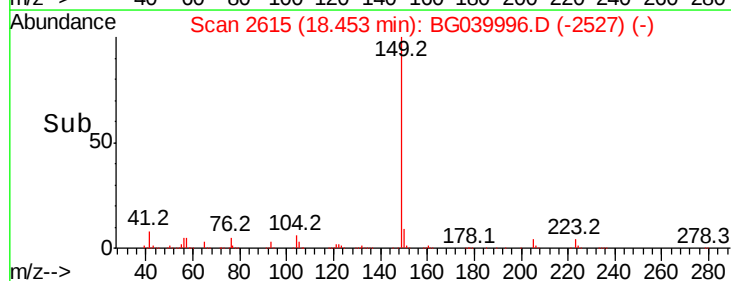
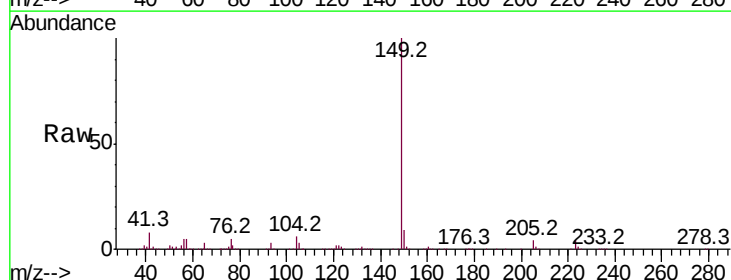
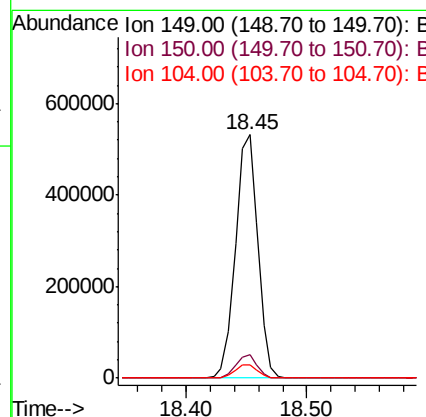
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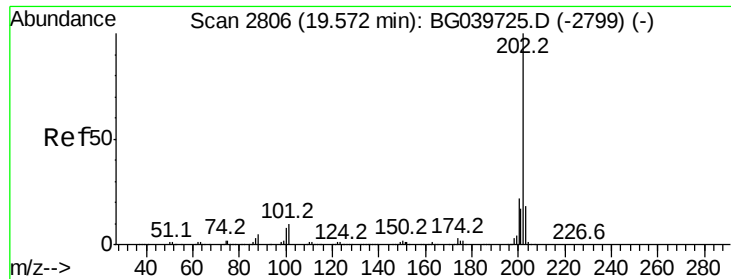
Sohil
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#74
 Di-n-butylphthalate
 Concen: 48.328 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 47.864 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

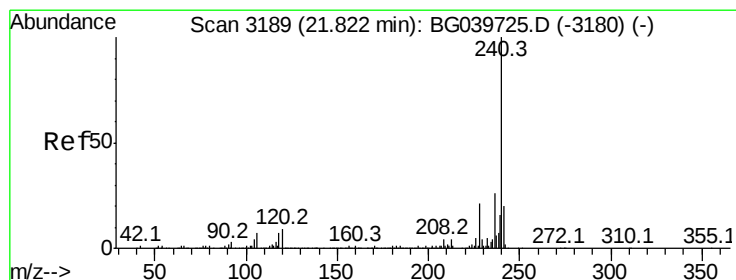
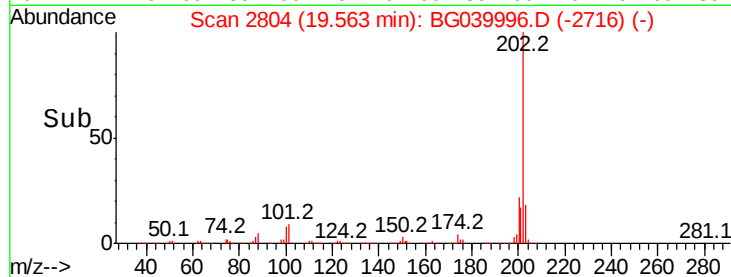
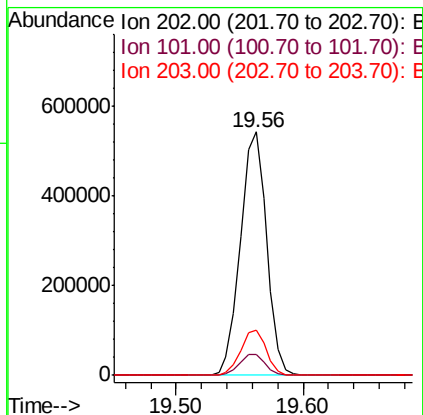
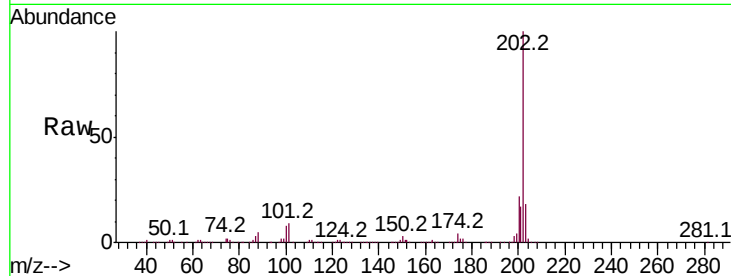
ClientSampleId :

HR-05-031519-AMS

Tot Ion:	202	Resp:	773813
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	30.0
203	18.5	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

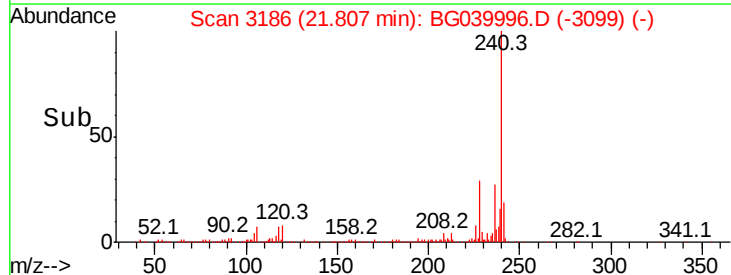
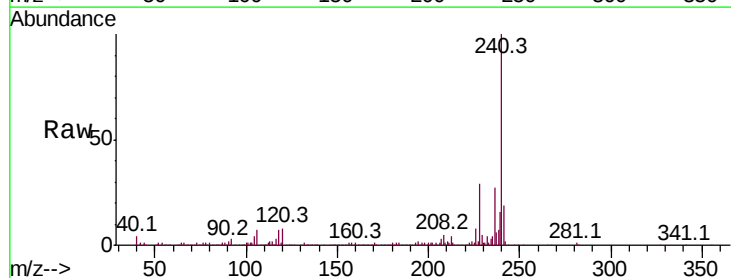
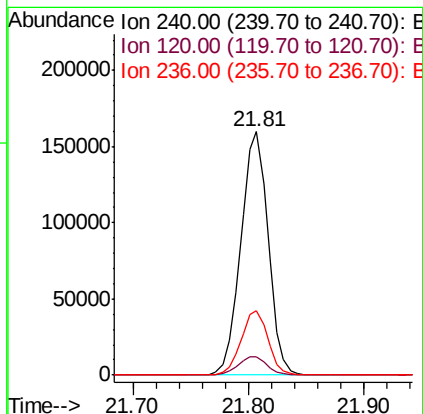
RT: 21.81 min Scan# 3186

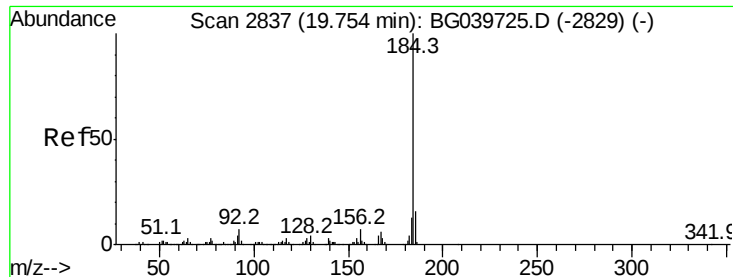
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	240	Resp:	262272
Ion Ratio	Lower	Upper	
240	100		
120	7.5	7.0	10.6
236	26.7	21.0	31.4





#77

Benzidine

Concen: 4.278 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

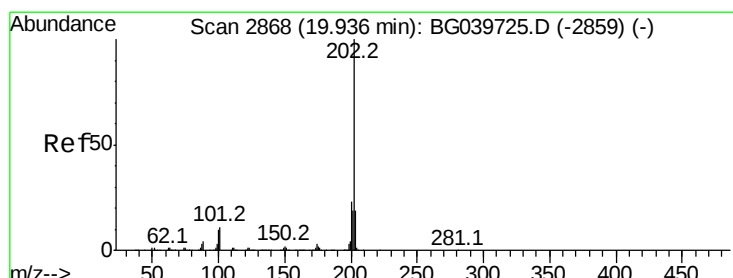
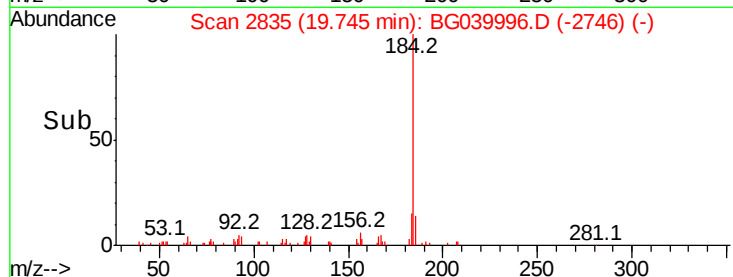
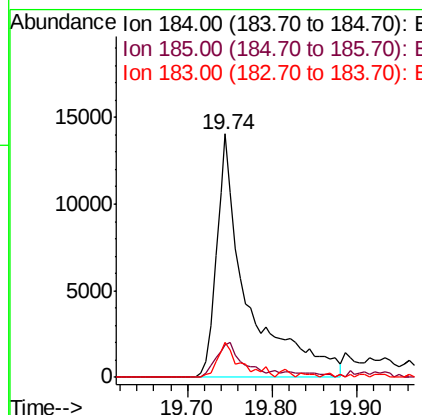
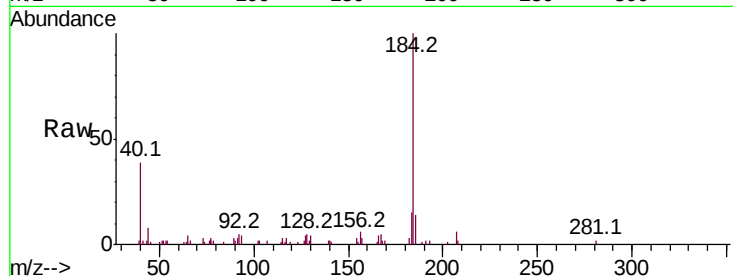
ClientSampleId :

HR-05-031519-AMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.5	12.2	18.2	
183	14.6	10.6	15.8	

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#78

Pyrene

Concen: 46.394 ng

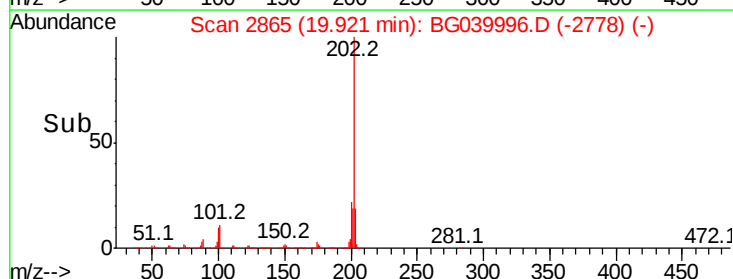
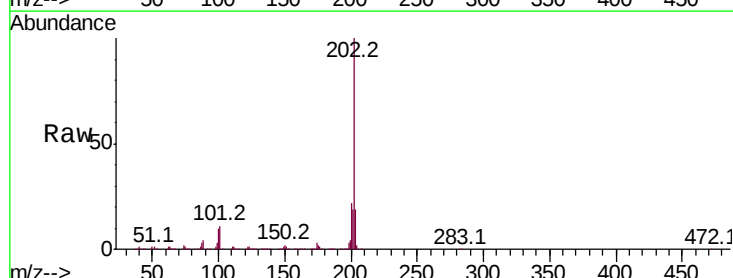
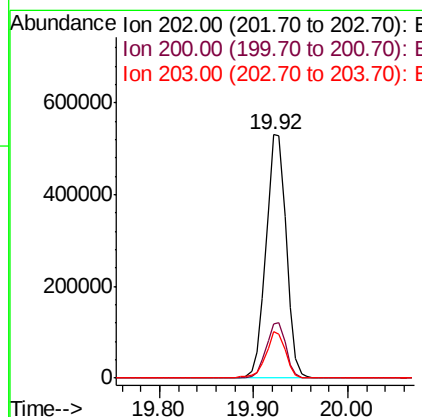
RT: 19.92 min Scan# 2865

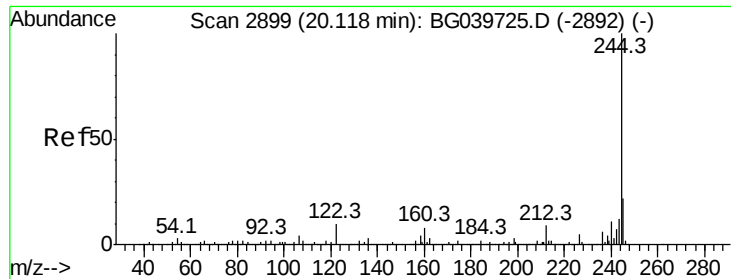
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.2	17.8	26.8	
203	18.9	15.3	22.9	





#79

Terphenyl-d14

Concen: 97.236 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

HR-05-031519-AMS

Tot Ion:244 Resp: 1158249

Ion Ratio Lower Upper

244 100

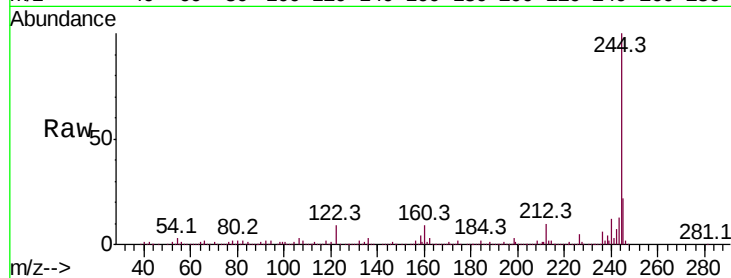
212 9.5 7.3 10.9

122 9.1 8.4 12.6

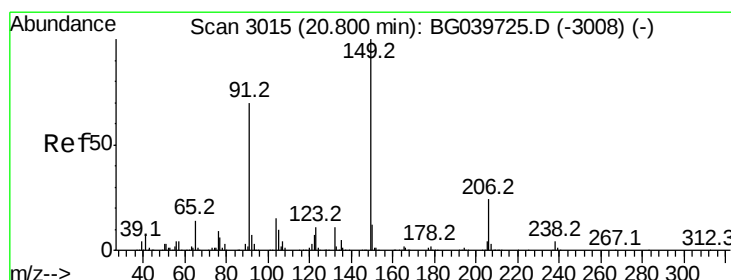
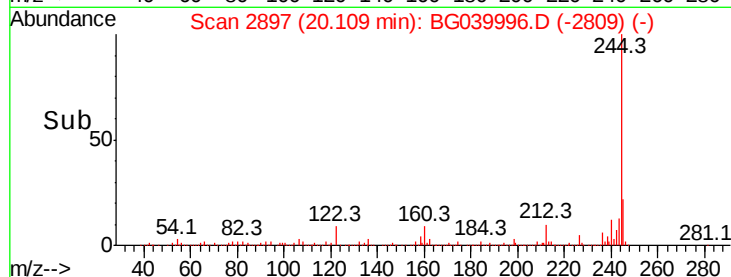
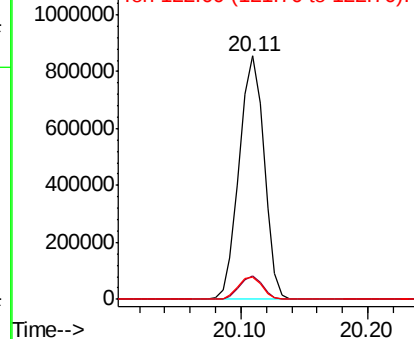
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.805 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

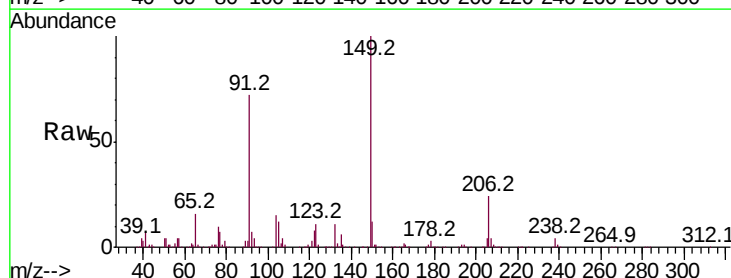
Tgt Ion:149 Resp: 335451

Ion Ratio Lower Upper

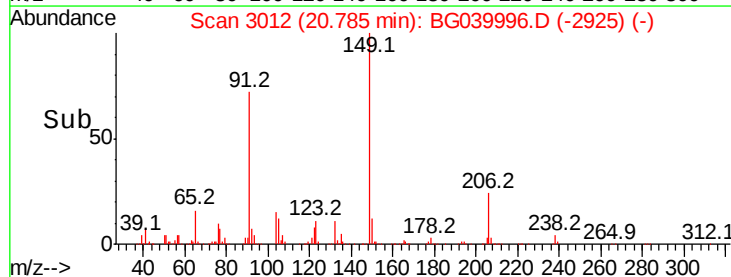
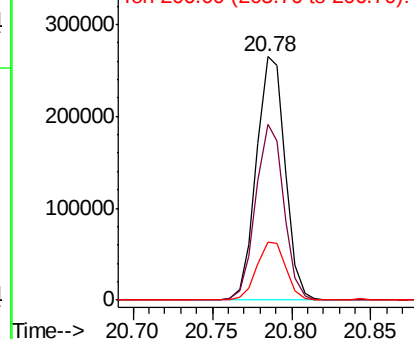
149 100

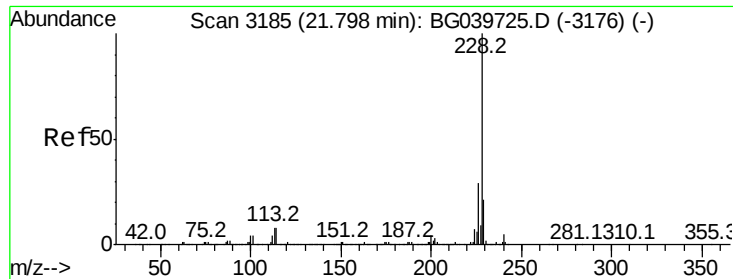
91 72.1 59.5 89.3

206 24.0 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





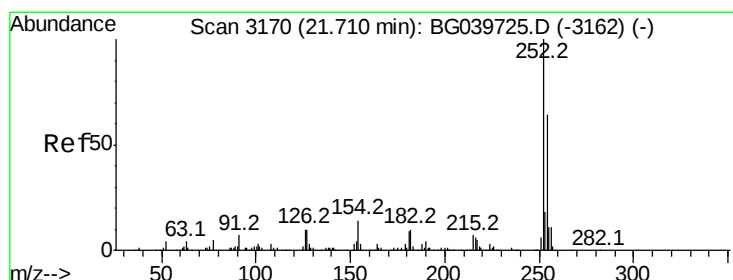
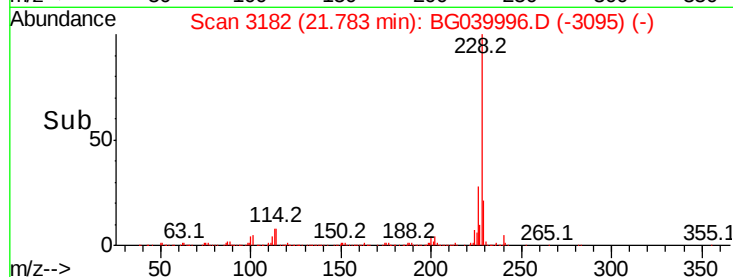
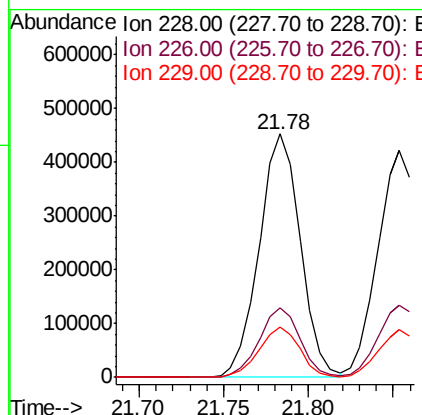
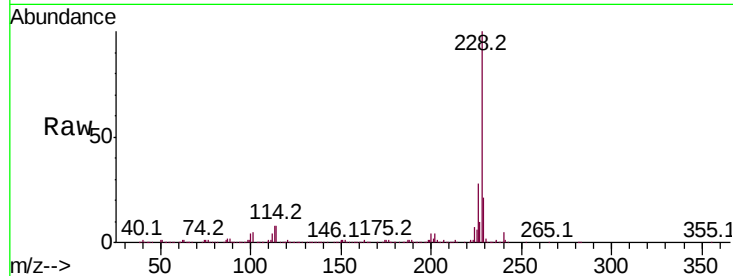
#81
Benzo(a)anthracene
Concen: 46.638 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.8	16.9	25.3

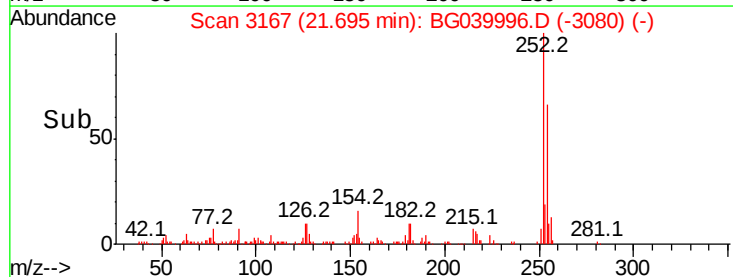
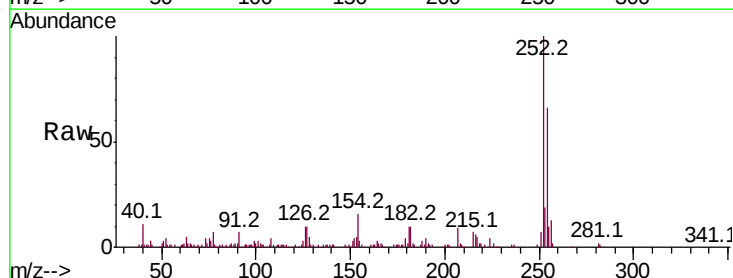
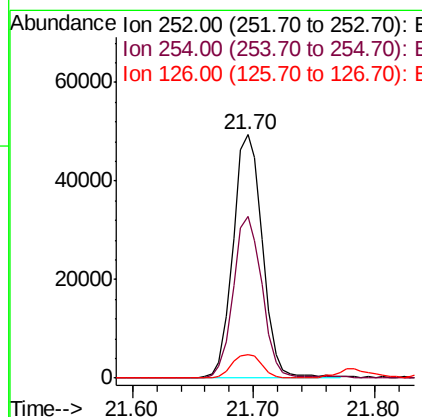
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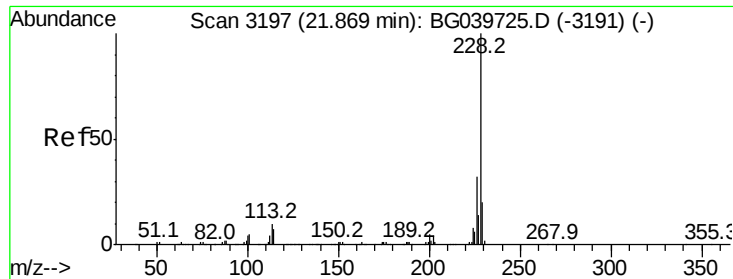
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#82
3,3'-Dichlorobenzidine
Concen: 14.008 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.3	76.9
126	9.5	8.0	12.0





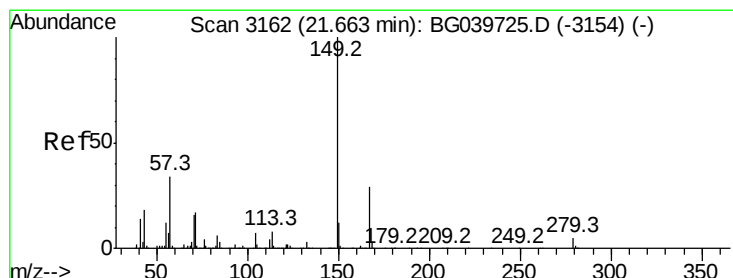
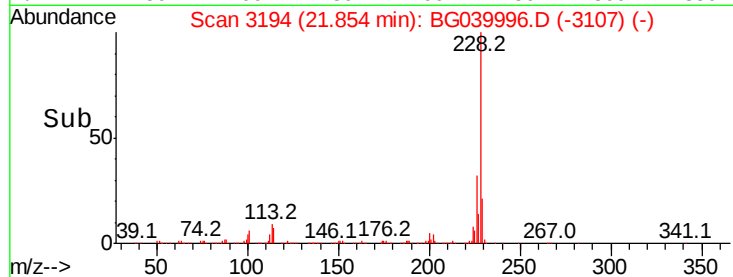
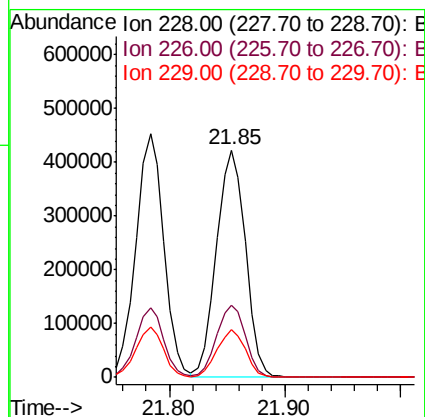
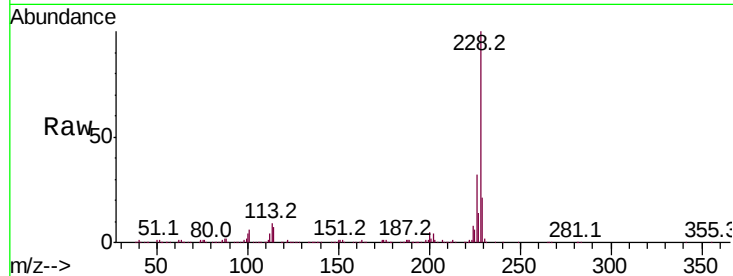
#83
 Chrysene
 Concen: 46.019 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

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

Tot Ion:	228	Resp:	733336
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.8	38.6
229	20.8	16.6	25.0

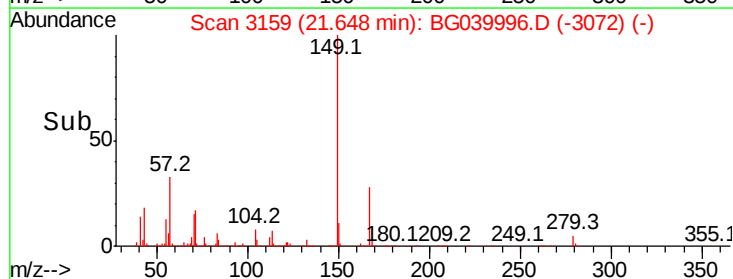
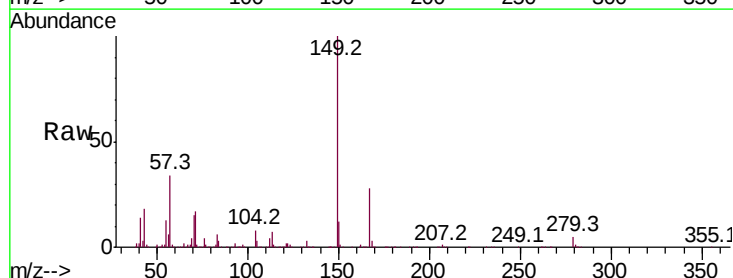
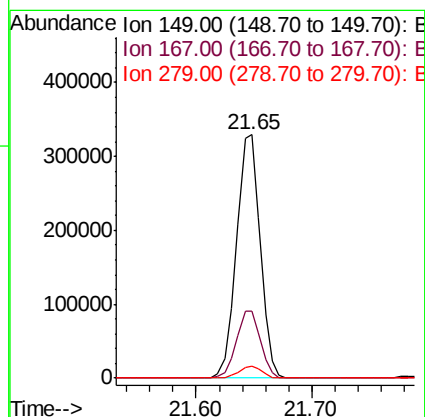
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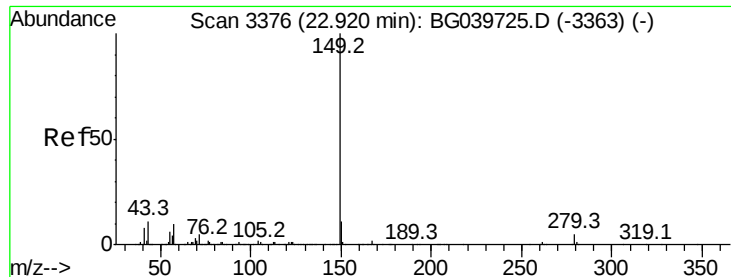
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.361 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion:	149	Resp:	467268
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.6	34.0
279	4.8	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 51.698 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

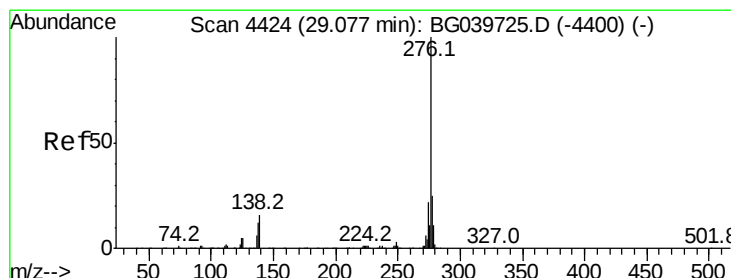
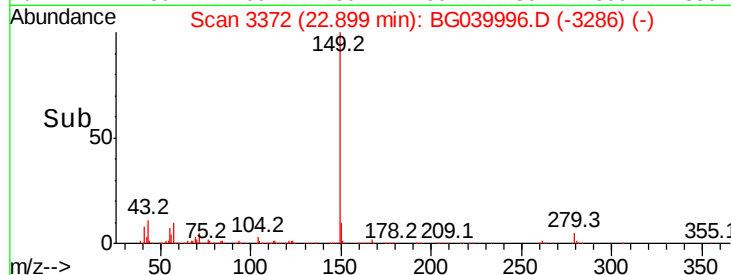
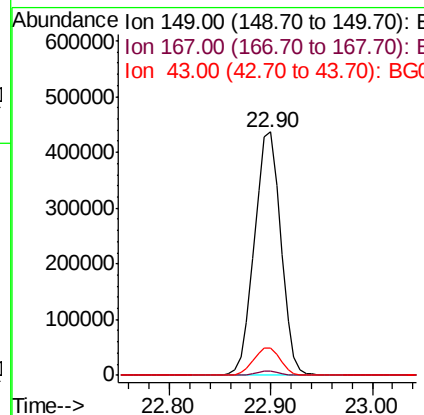
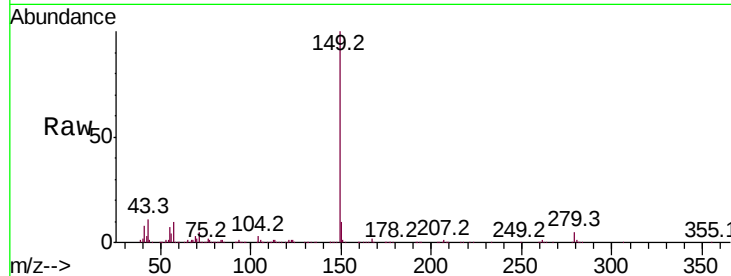
ClientSampleId :

HR-05-031519-AMS

Tot Ion:	149	Resp:	794239
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.5	10.2	15.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 47.519 ng

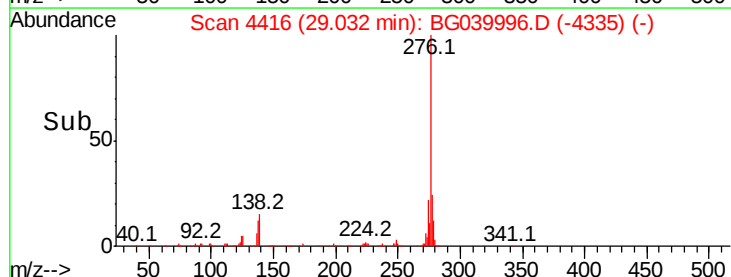
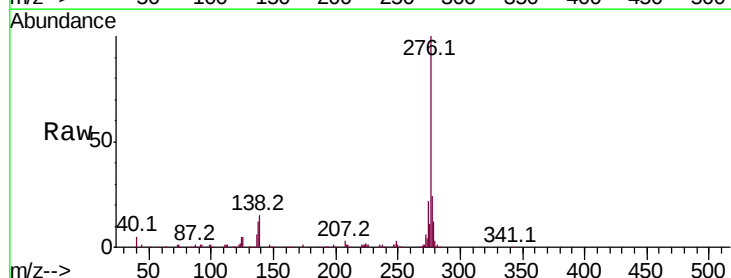
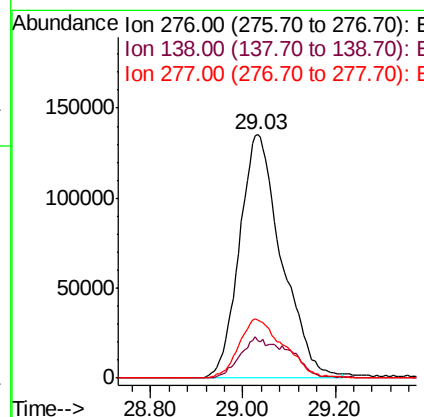
RT: 29.03 min Scan# 4416

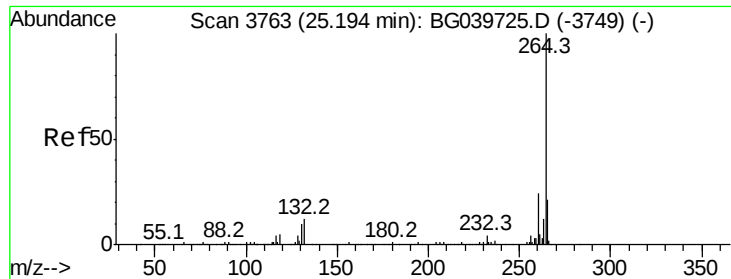
Delta R.T. -0.06 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:	276	Resp:	859054
Ion Ratio	Lower	Upper	
276	100		
138	13.6	12.6	19.0
277	25.6	20.8	31.2





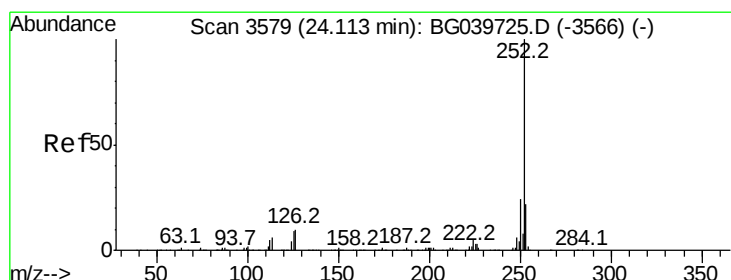
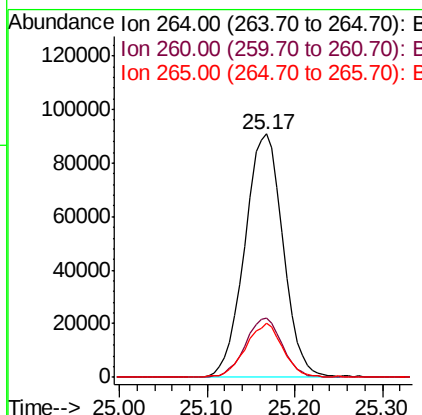
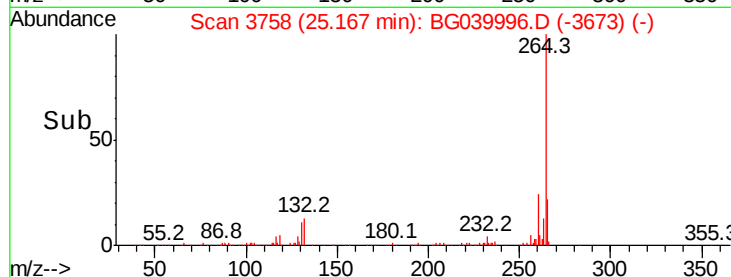
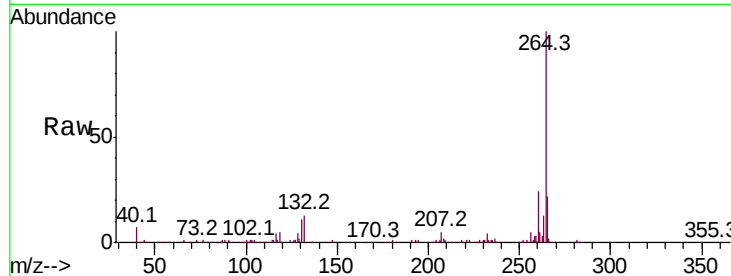
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.1	18.5	27.7

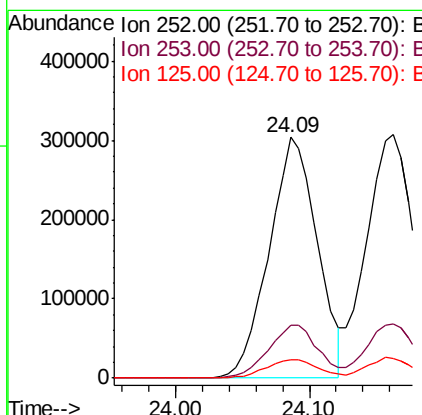
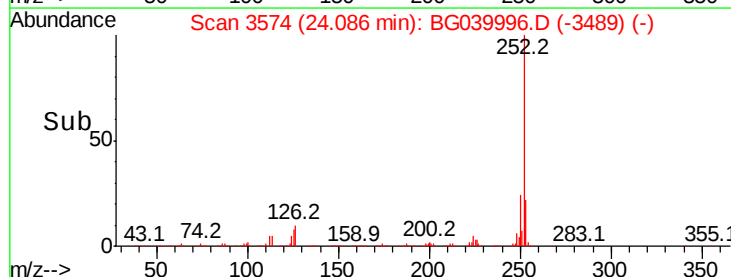
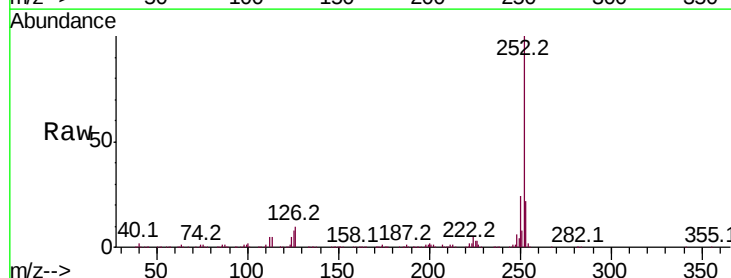
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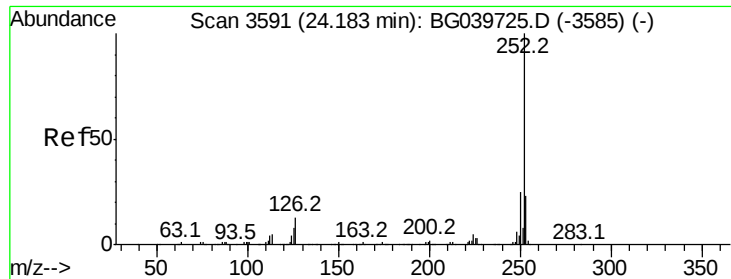
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#88
Benzo(b)fluoranthene
Concen: 46.996 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	7.8	7.8	11.6





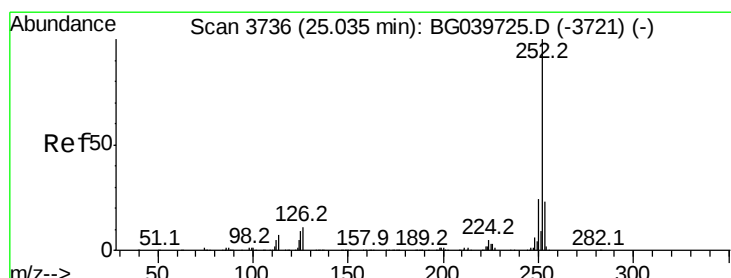
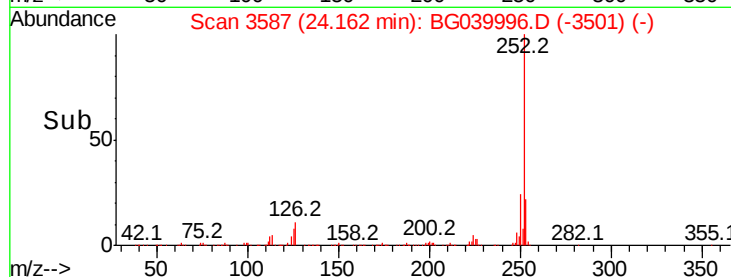
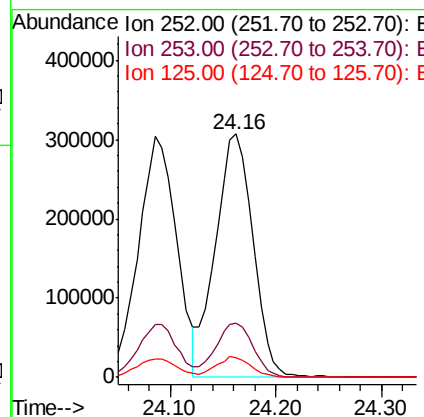
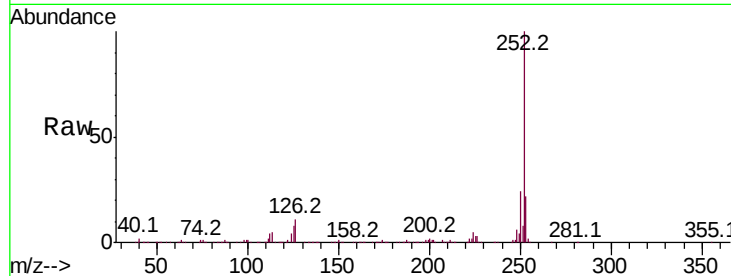
#89
Benzo(k)fluoranthene
Concen: 50.313 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.9	7.4	11.2

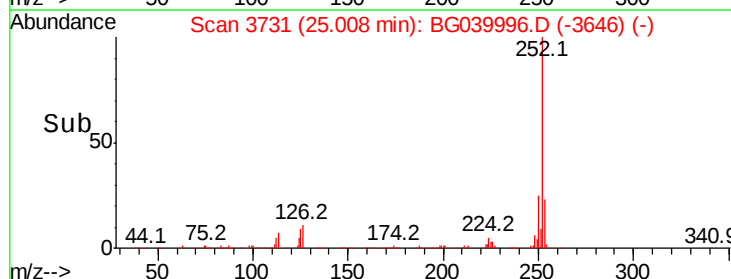
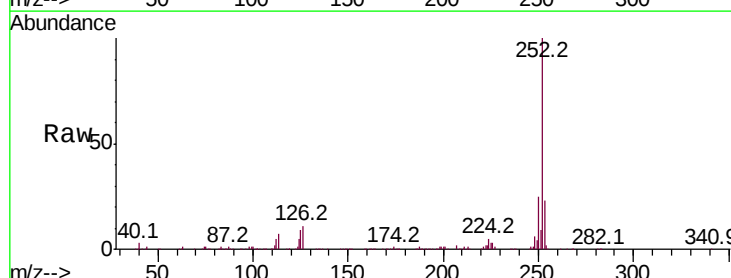
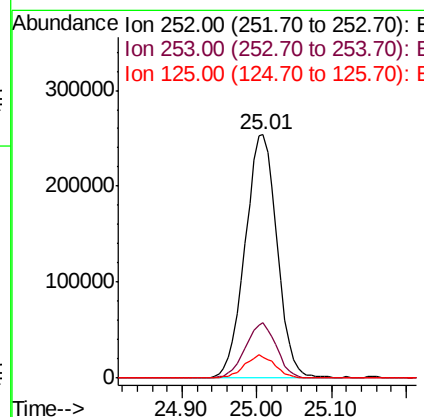
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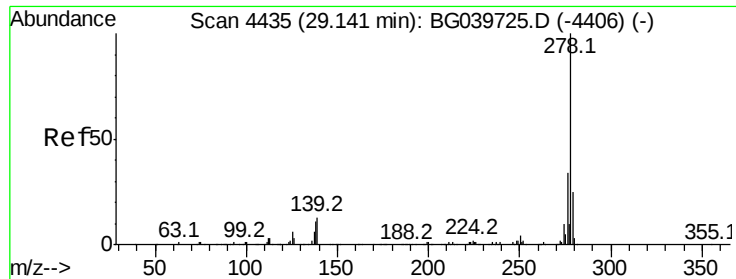
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#90
Benzo(a)pyrene
Concen: 50.527 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.6	8.3	12.5





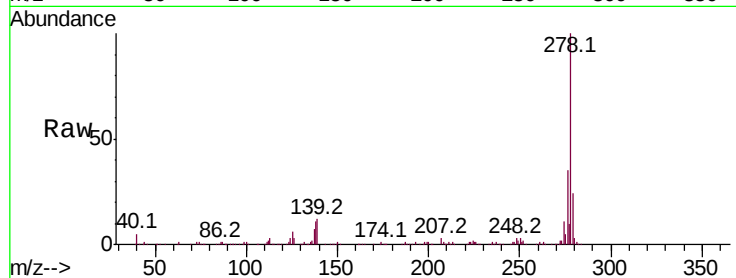
#91
Dibenzo(a,h)anthracene
Concen: 47.950 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

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

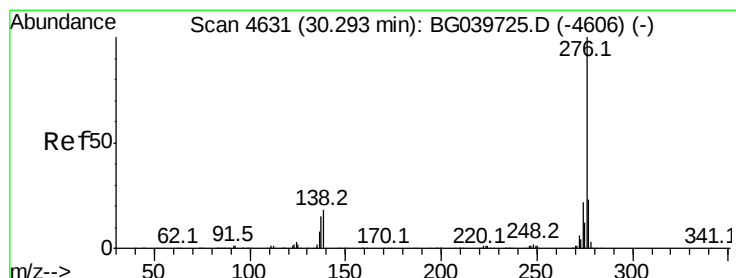
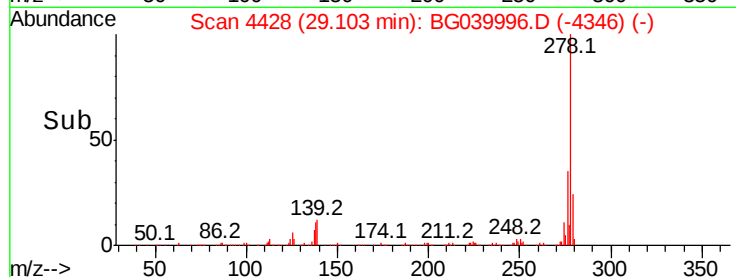
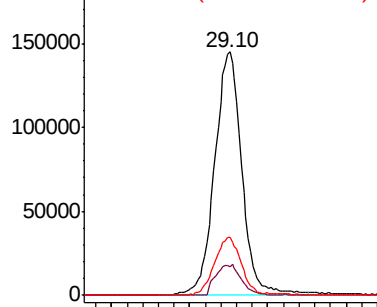
Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	11.7	17.5
279	23.8	19.1	28.7

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



#92
Benzo(g,h,i)perylene
Concen: 47.539 ng
RT: 30.25 min Scan# 4623
Delta R.T. -0.06 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	16.8	14.7	22.1

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

