

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040032.D
 Acq On : 20 Mar 2019 10:33
 Operator : JU/SJ
 Sample : K1956-04MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Manual Integrations
 APPROVED

Sohil
 3/20/2019 4:59:27 PM

Quant Time: Mar 20 11:29:04 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	8.15	152	32315	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	144624	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	103749	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	267184	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	266192	20.00	ng	-0.02
87) Perylene-d12	25.15	264	274870	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	268151	141.57	ng	-0.02
7) Phenol-d6	7.29	99	361196	127.89	ng	-0.02
23) Nitrobenzene-d5	9.32	82	268164	100.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	185921	153.75	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	626707	86.01	ng	-0.02
79) Terphenyl-d14	20.11	244	1134168	93.81	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.59	88	28486	32.574	ng	# 1
3) Pyridine	3.99	79	76373	32.622	ng	98
4) n-Nitrosodimethylamine	3.90	42	47370	42.651	ng	# 97
6) Aniline	7.47	93	49659	13.420	ng	97
8) 2-Chlorophenol	7.70	128	103619	45.091	ng	97
9) Benzaldehyde	7.28	77	35474	19.471	ng	96
10) Phenol	7.32	94	119971	39.210	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	103968	43.583	ng	95
12) 1,3-Dichlorobenzene	8.03	146	107032	41.182	ng	98
13) 1,4-Dichlorobenzene	8.18	146	109196	41.248	ng	98
14) 1,2-Dichlorobenzene	8.50	146	105509	41.250	ng	99
15) Benzyl Alcohol	8.39	79	106359	47.473	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	215660	45.201	ng	99
17) 2-Methylphenol	8.58	107	91274	46.784	ng	99
18) Hexachloroethane	9.23	117	40762	42.912	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	89168	43.863	ng	97
20) 3+4-Methylphenols	8.91	107	126842	46.800	ng	98
22) Acetophenone	8.97	105	165171	42.552	ng	# 95
24) Nitrobenzene	9.37	77	131822	46.991	ng	99
25) Isophorone	9.88	82	268776	47.970	ng	100
26) 2-Nitrophenol	10.07	139	63310	46.742	ng	# 88
27) 2,4-Dimethylphenol	10.12	122	112559	53.434	ng	95
28) bis(2-Chloroethoxy)methane	10.36	93	153822	45.176	ng	98
29) 2,4-Dichlorophenol	10.61	162	123106	51.906	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	115490	43.274	ng	99
31) Naphthalene	11.01	128	346123	45.202	ng	100
32) Benzoic acid	10.21	122	2597m	8.147	ng	
33) 4-Chloroaniline	11.13	127	9147	2.817	ng	96
34) Hexachlorobutadiene	11.27	225	73756	40.443	ng	95
35) Caprolactam	11.91	113	31415m	34.675	ng	
36) 4-Chloro-3-methylphenol	12.23	107	138661	51.002	ng	95
37) 2-Methylnaphthalene	12.61	142	264007	46.117	ng	97
38) 1-Methylnaphthalene	12.83	142	252657	45.414	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	143111	40.717	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	170453	90.495	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	102282	49.706	nq	97
44) 2,4,5-Trichlorophenol	13.28	196	112655	48.570	nq	95
46) 1,1'-Biphenyl	13.60	154	368064	43.133	nq	100
47) 2-Chloronaphthalene	13.66	162	282873	44.065	nq	100
48) 2-Nitroaniline	13.86	65	105786	51.277	nq	98
49) Acenaphthylene	14.50	152	465607	44.183	nq	100
50) Dimethylphthalate	14.22	163	405301	46.718	nq	99
51) 2,6-Dinitrotoluene	14.35	165	90969	49.463	nq	96
52) Acenaphthene	14.84	154	288248	45.446	nq	99
53) 3-Nitroaniline	14.68	138	16922	9.153	nq #	92
54) 2,4-Dinitrophenol	14.88	184	26769	26.820	nq	93
55) Dibenzofuran	15.17	168	468999	45.068	nq	97
56) 4-Nitrophenol	14.98	139	130844	79.117	nq	92
57) 2,4-Dinitrotoluene	15.14	165	128879	49.872	nq	92
58) Fluorene	15.81	166	375978	45.958	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	118029	52.105	nq	99
60) Diethylphthalate	15.56	149	421143	49.038	nq	100
61) 4-Chlorophenyl-phenylether	15.80	204	198859	45.552	nq	99
62) 4-Nitroaniline	15.85	138	91055	45.431	nq	98
63) Azobenzene	16.09	77	384206	49.353	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	34321	21.725	nq	94
66) n-Nitrosodiphenylamine	16.02	169	354756	45.864	nq	99
67) 4-Bromophenyl-phenylether	16.69	248	132715	44.376	nq	98
68) Hexachlorobenzene	16.81	284	135322	43.652	nq	98
69) Atrazine	16.96	200	146705	48.191	nq	95
70) Pentachlorophenol	17.16	266	131697	67.267	nq	97
71) Phenanthrene	17.56	178	668096	45.397	nq	99
72) Anthracene	17.65	178	675031	47.069	nq	99
73) Carbazole	17.92	167	595074	46.027	nq	99
74) Di-n-butylphthalate	18.45	149	730535	48.024	nq	100
75) Fluoranthene	19.56	202	795371	45.730	nq	99
77) Benzidine	19.74	184	57841	6.847	nq	96
78) Pyrene	19.92	202	798919	46.187	nq	99
80) Butylbenzylphthalate	20.79	149	332798	49.661	nq	94
81) Benzo(a)anthracene	21.78	228	754715	45.239	nq	100
82) 3,3'-Dichlorobenzidine	21.69	252	77698	12.756	nq	98
83) Chrysene	21.85	228	723247	44.717	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	462121	49.072	nq	99
85) Di-n-octyl phthalate	22.89	149	791045	50.732	nq	97
86) Indeno(1,2,3-cd)pyrene	29.02	276	871231	47.483	nq #	96
88) Benzo(b)fluoranthene	24.08	252	768499	46.885	nq	97
89) Benzo(k)fluoranthene	24.16	252	732301	47.996	nq	99
90) Benzo(a)pyrene	25.01	252	743053	49.059	nq	99
91) Dibenzo(a,h)anthracene	29.09	278	708064	47.685	nq	98
92) Benzo(g,h,i)perylene	30.25	276	724462	48.579	nq	97

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



#1

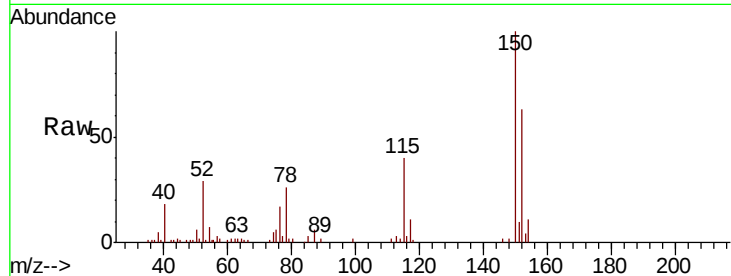
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.7	185.5
115	63.5	45.9	68.9

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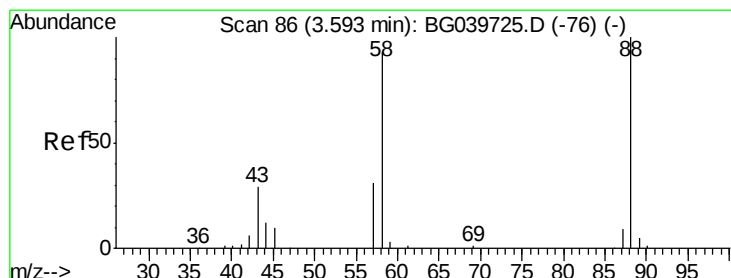
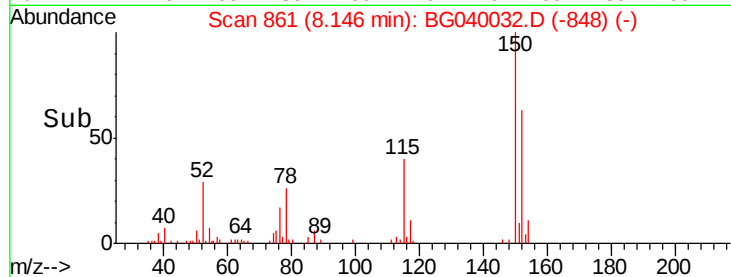
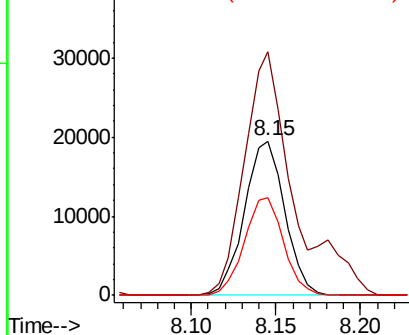


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

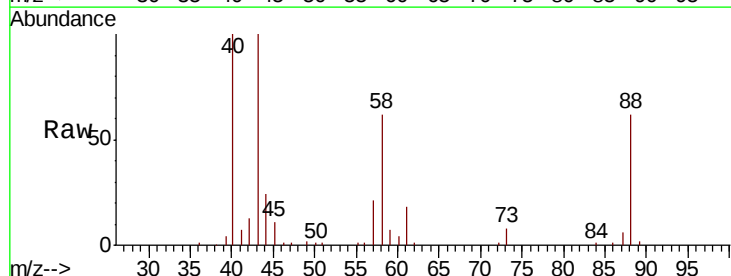
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.574 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.1	81.1	121.7
43	257.8	31.4	47.0#

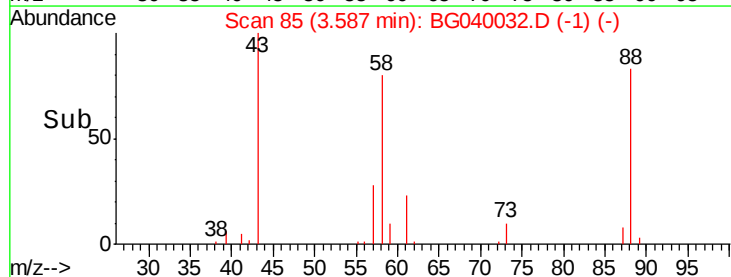
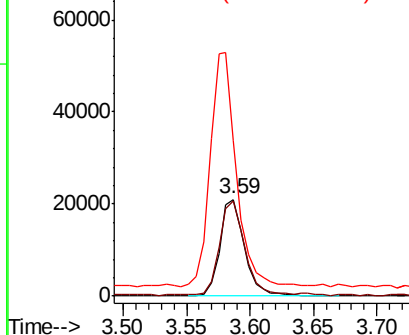


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.622 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

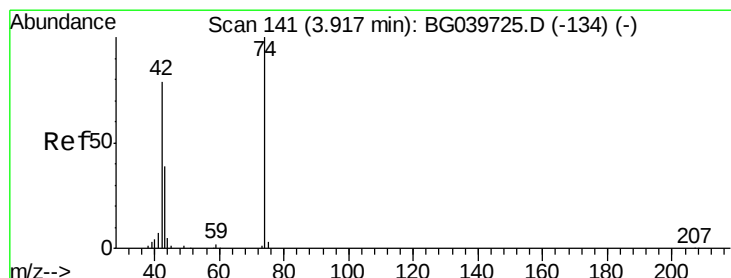
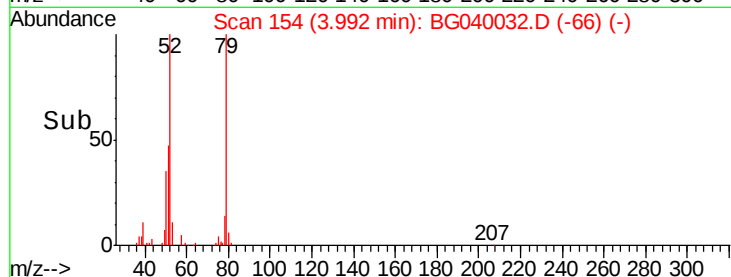
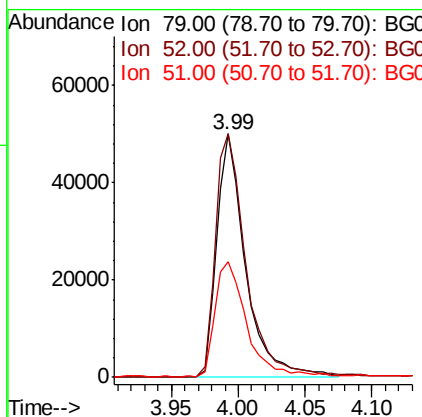
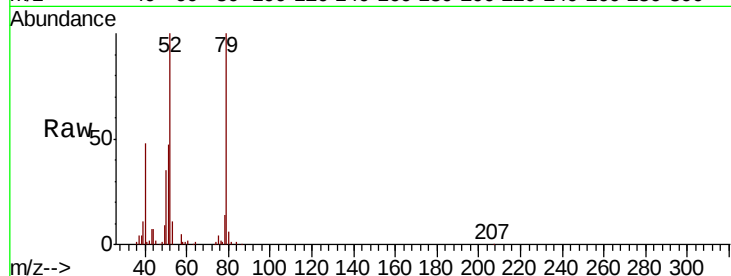
ClientSampleId :

TP-7MS

Tot Ion:	79	Resp:	76373
Ion	Ratio	Lower	Upper
79	100		
52	100.0	82.6	124.0
51	47.4	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.651 ng

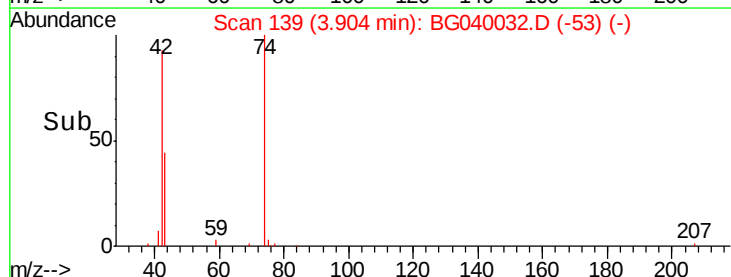
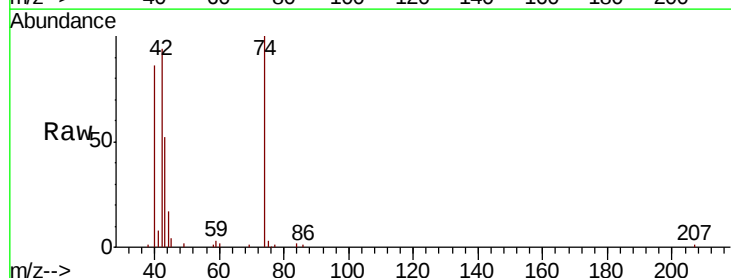
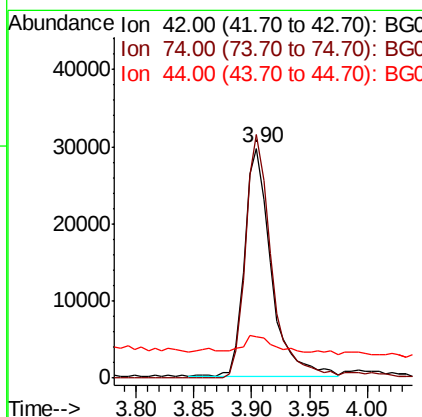
RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	42	Resp:	47370
Ion	Ratio	Lower	Upper
42	100		
74	105.9	83.6	125.4
44	18.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 141.565 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

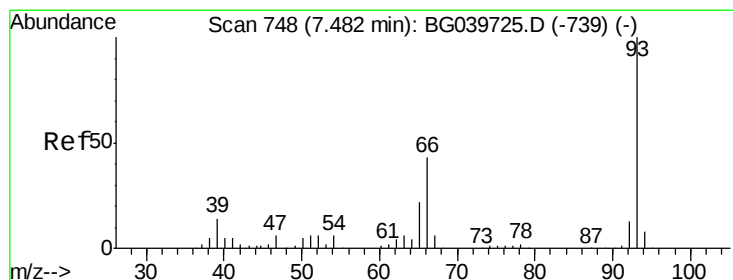
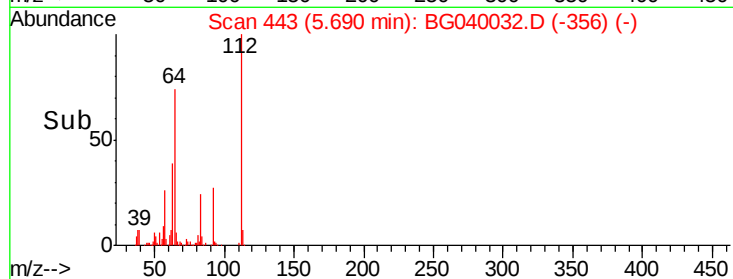
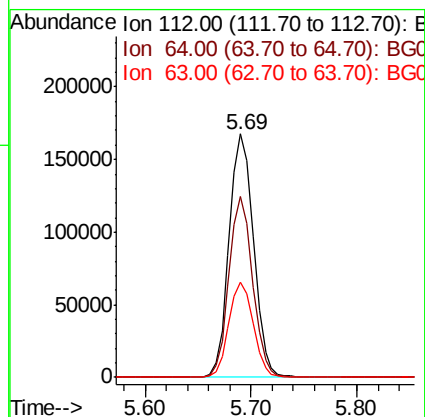
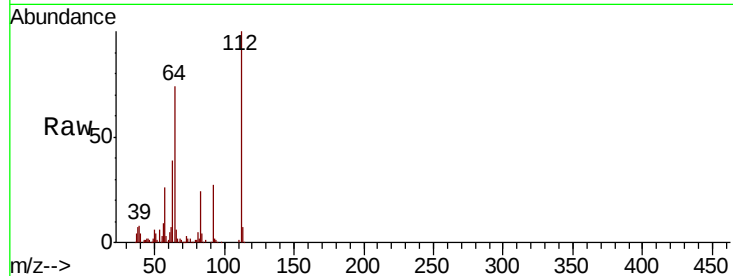
ClientSampleId :

TP-7MS

Tot Ion:	112	Resp:	268151
Ion Ratio	Lower	Upper	
112	100		
64	74.3	57.8	86.8
63	39.2	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 13.420 ng

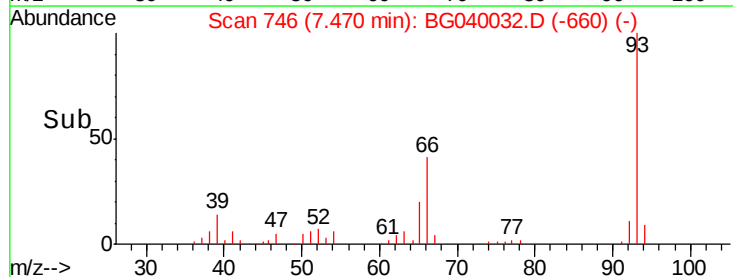
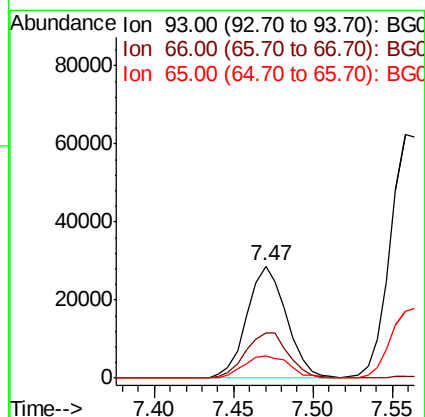
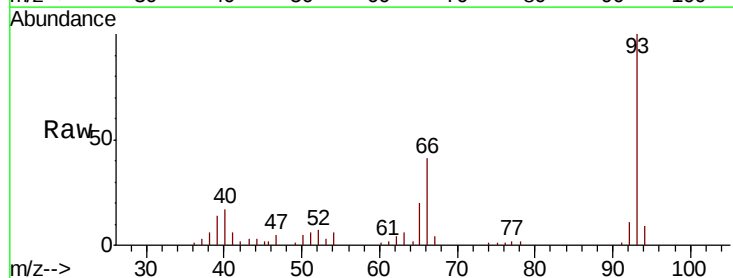
RT: 7.47 min Scan# 746

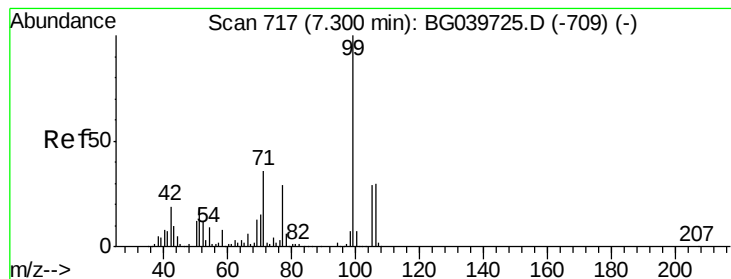
Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	93	Resp:	49659
Ion Ratio	Lower	Upper	
93	100		
66	41.0	34.2	51.4
65	20.1	17.7	26.5





#7

Phenol-d6

Concen: 127.887 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

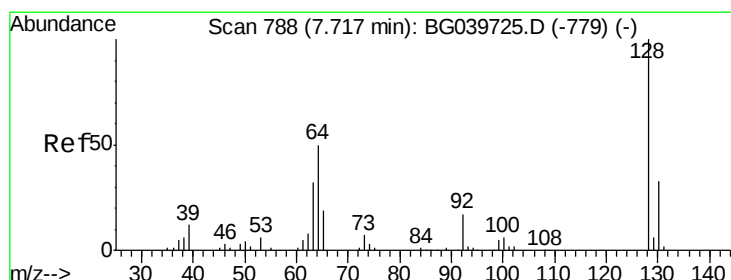
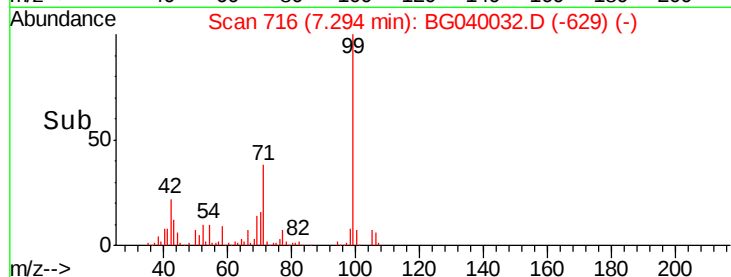
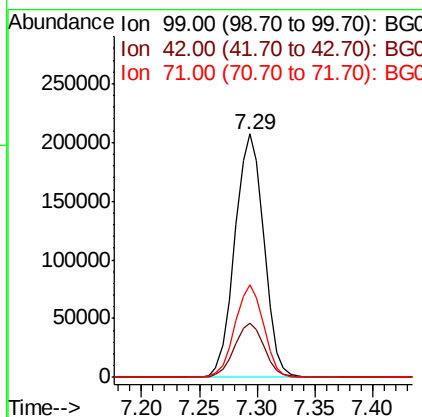
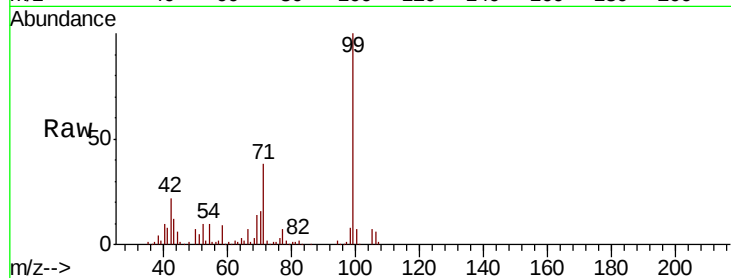
ClientSampled :

TP-7MS

Tot Ion:	99	Resp:	361196
Ion Ratio	Lower	Upper	
99	100		
42	22.2	18.2	27.2
71	38.0	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.091 ng

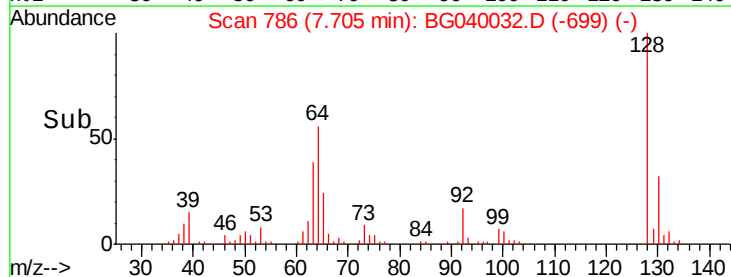
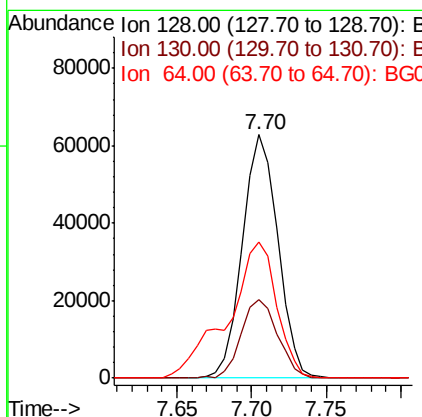
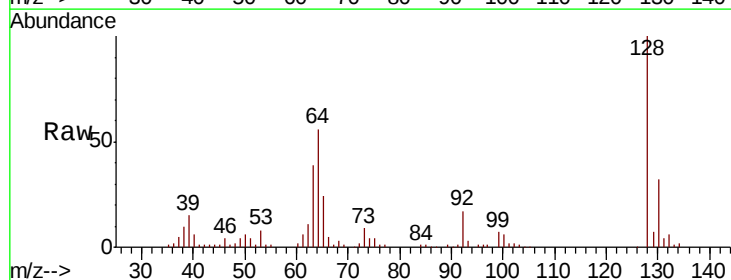
RT: 7.70 min Scan# 786

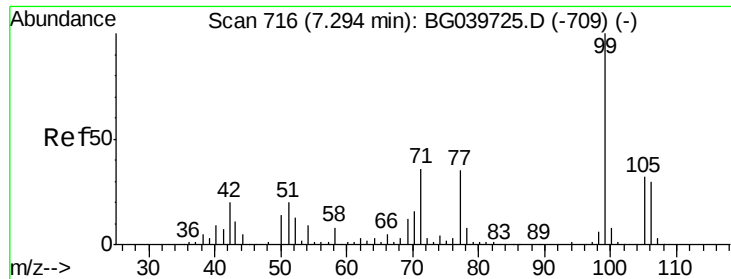
Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	128	Resp:	103619
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	56.1	38.7	78.7





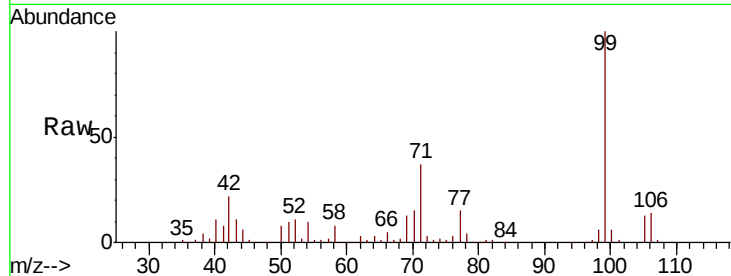
#9
Benzaldehyde
Concen: 19.471 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampled :
TP-7MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.5	74.5	114.5
106	90.7	68.0	108.0

Manual Integrations
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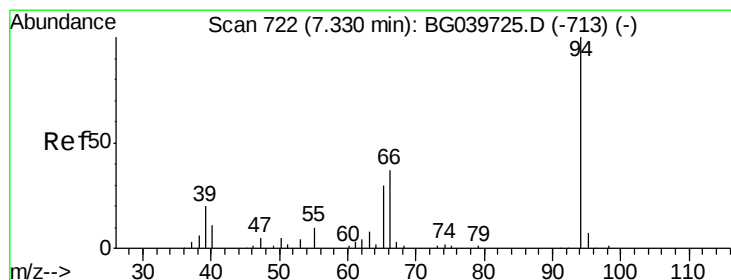
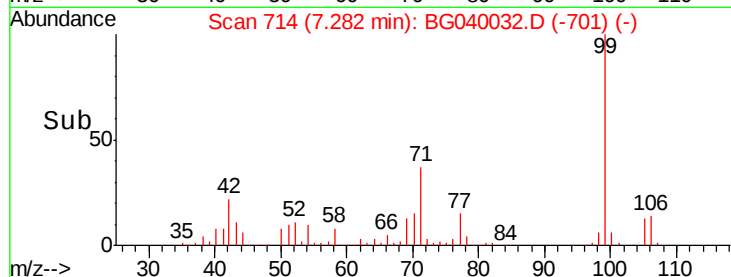
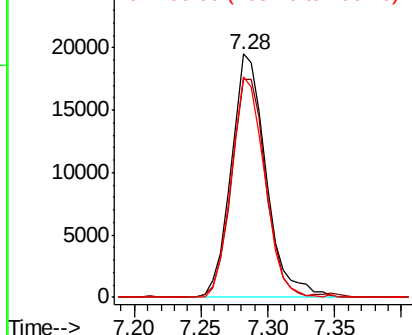


Abundance

Ion 77.00 (76.70 to 77.70): BGC

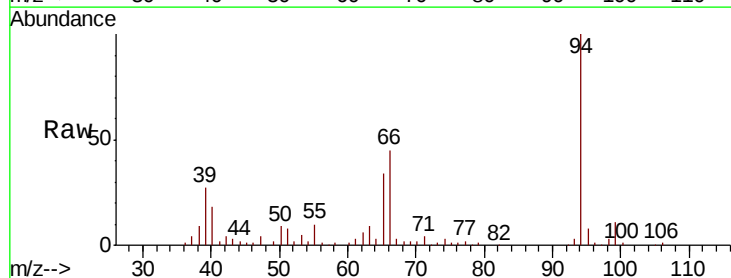
Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10
Phenol
Concen: 39.210 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	11.7	51.7
66	44.5	23.7	63.7

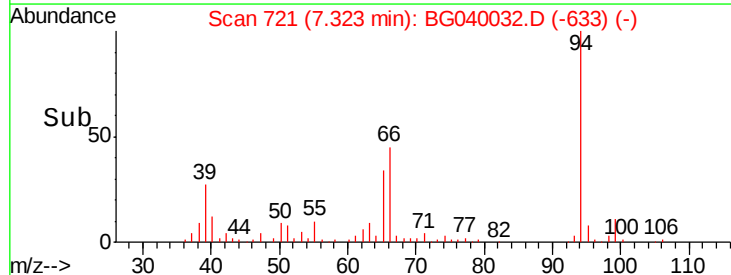
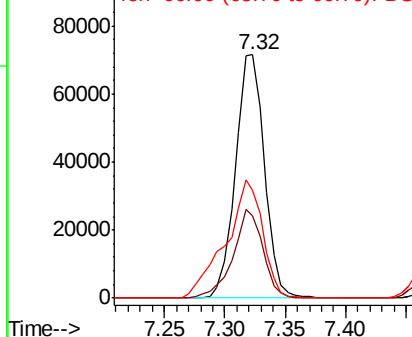


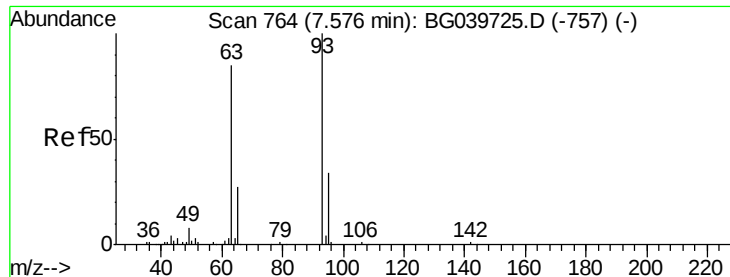
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.583 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

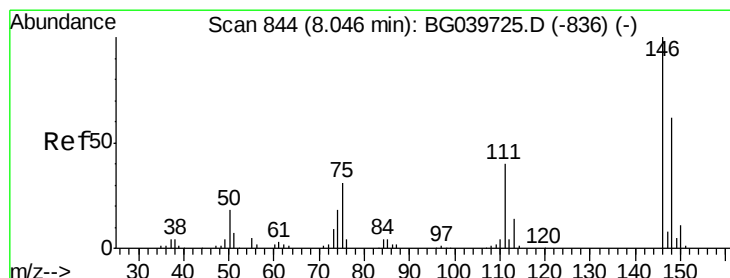
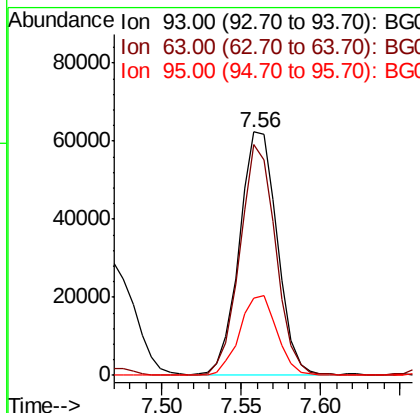
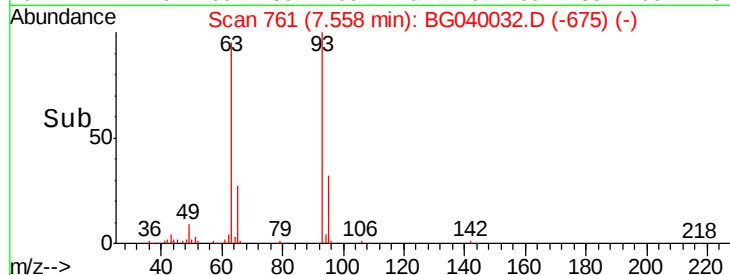
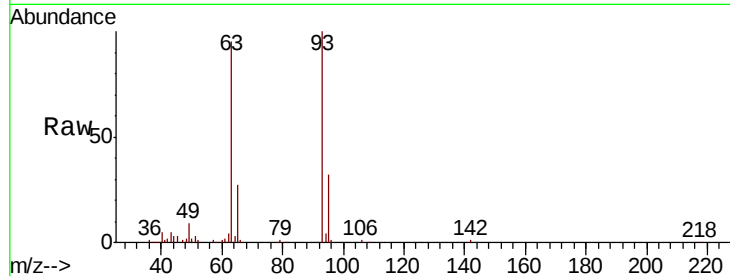
ClientSampleId :

TP-7MS

Tot Ion:	93	Resp:	103968
Ion	Ratio	Lower	Upper
93	100		
63	94.8	69.5	109.5
95	31.9	12.7	52.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.182 ng

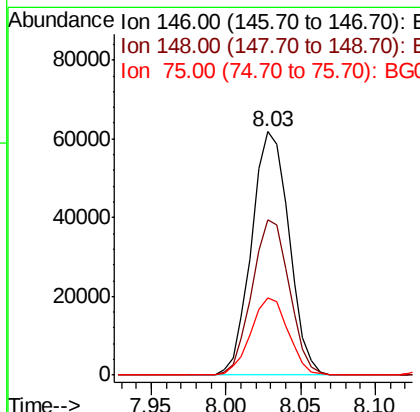
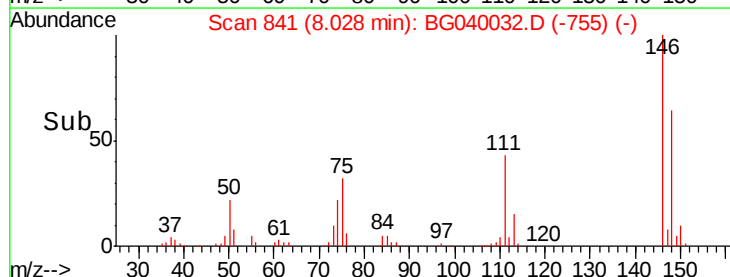
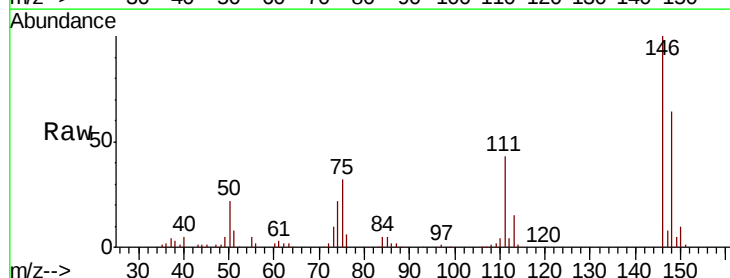
RT: 8.03 min Scan# 841

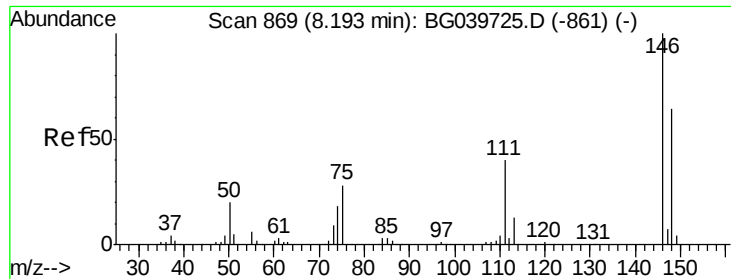
Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	146	Resp:	107032
Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	79.0
75	31.9	25.8	38.6





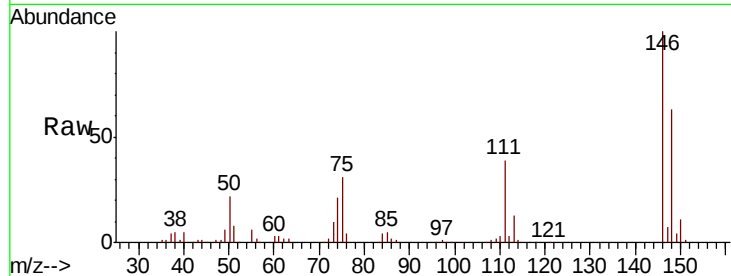
#13
 1,4-Dichlorobenzene
 Concen: 41.248 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampled :
 TP-7MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.1	76.7
111	38.8	32.6	48.8

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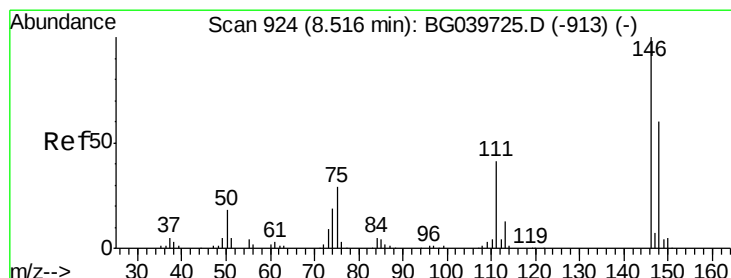
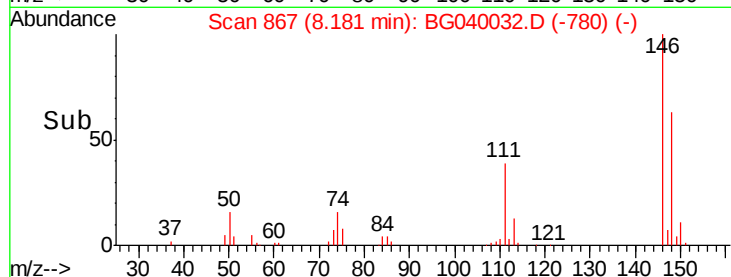
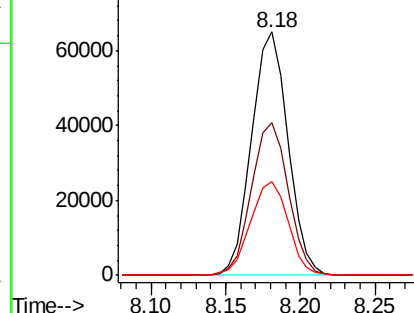


Abundance

Ion 146.00 (145.70 to 146.70): E

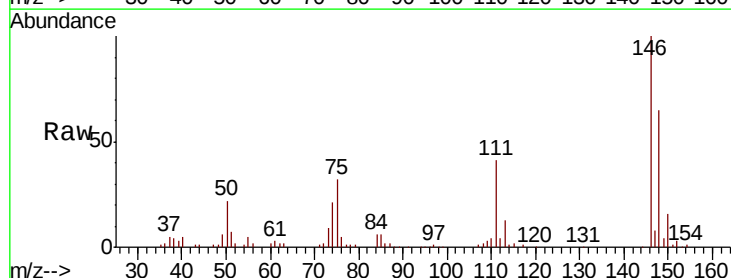
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.250 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.5	77.3
111	41.0	33.8	50.6

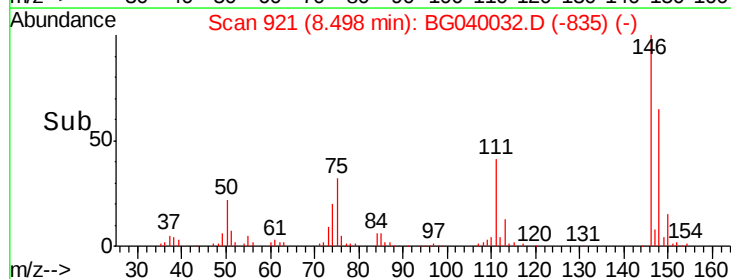
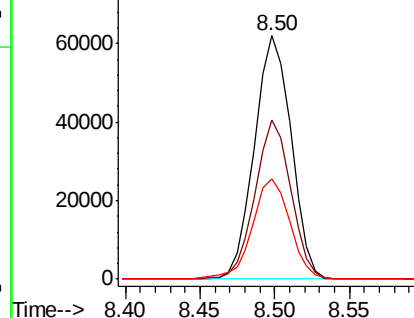


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.473 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

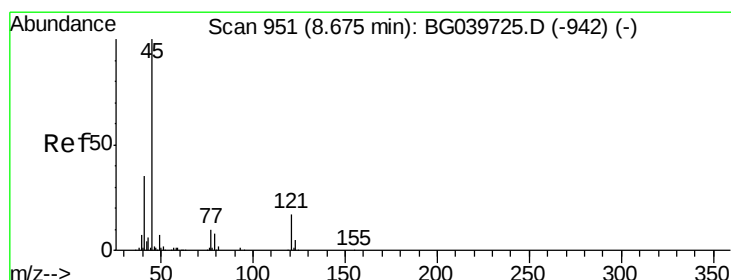
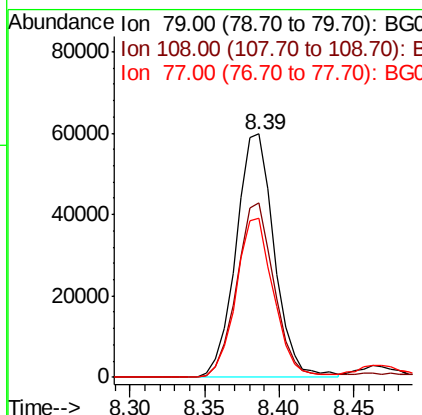
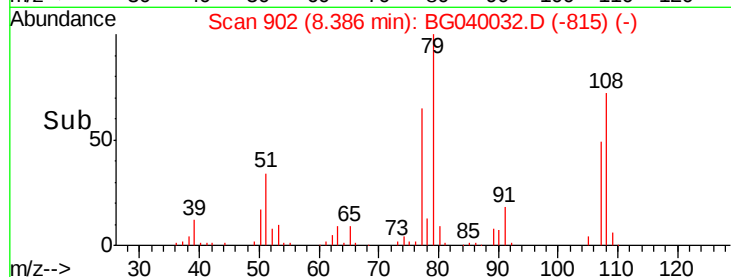
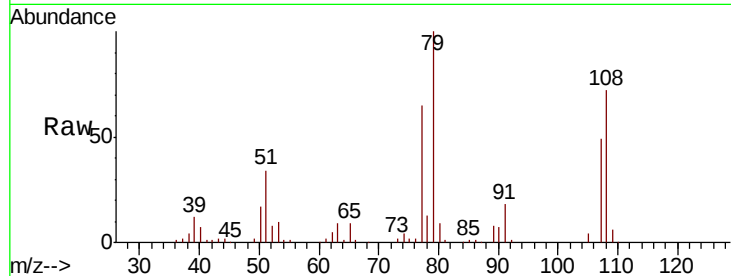
ClientSampled :

TP-7MS

Tot Ion:	79	Resp:	106359
Ion Ratio	Lower	Upper	
79	100		
108	71.6	57.8	86.6
77	65.3	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.201 ng

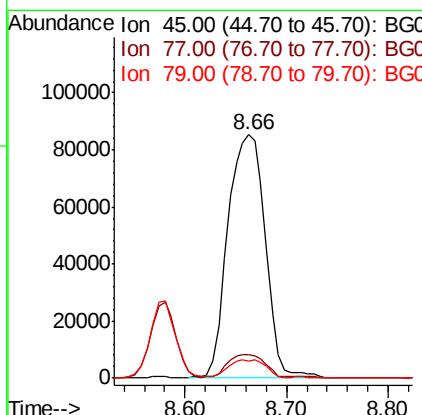
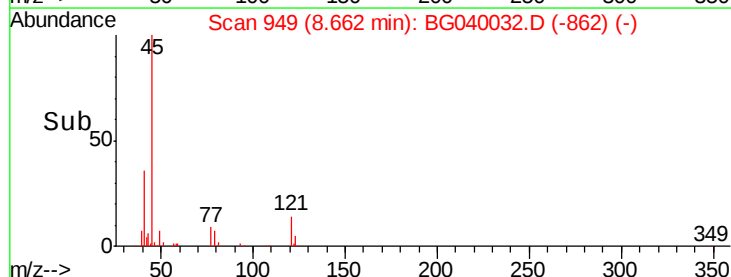
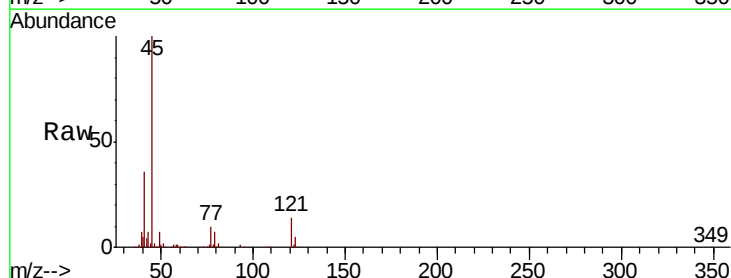
RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	45	Resp:	215660
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	30.0
79	7.2	0.0	27.5





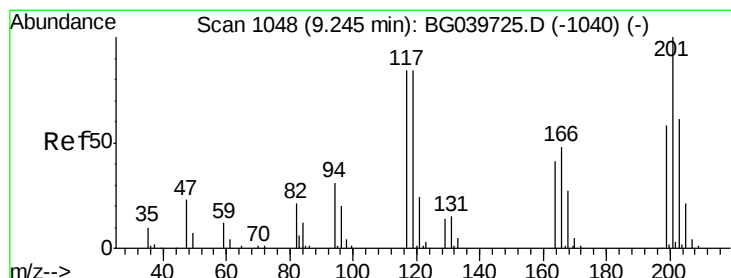
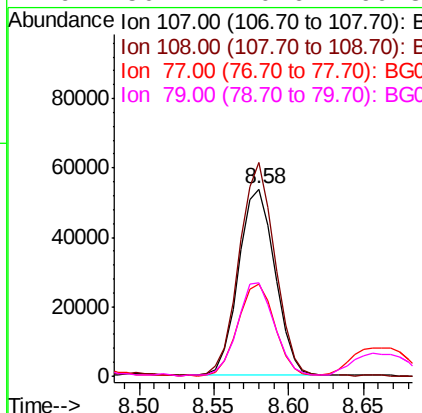
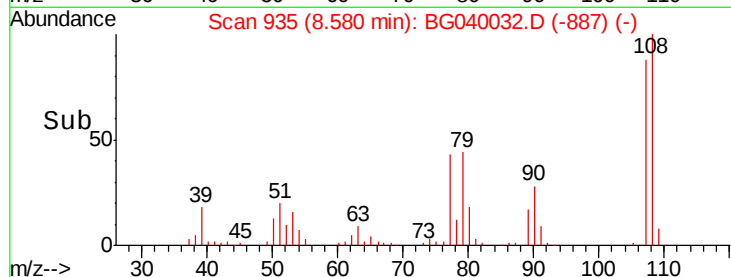
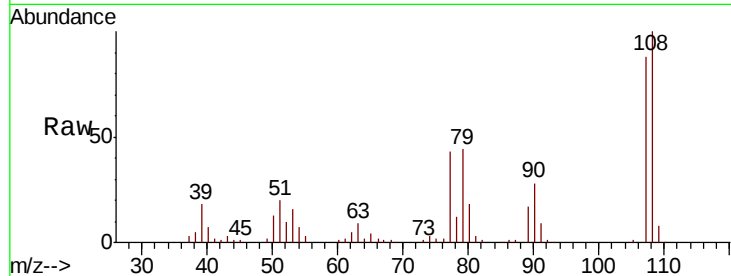
#17
2-Methylphenol
Concen: 46.784 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion:	107	Resp:	91274
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.8	136.2
77	49.2	40.7	61.1
79	50.1	40.6	60.8

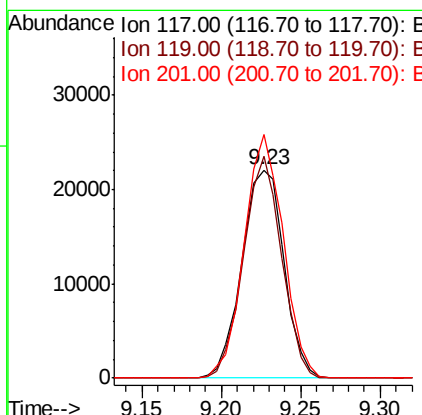
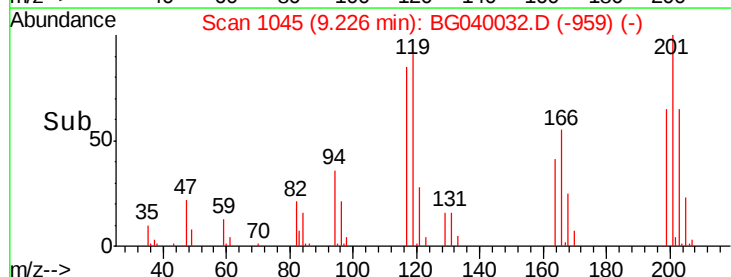
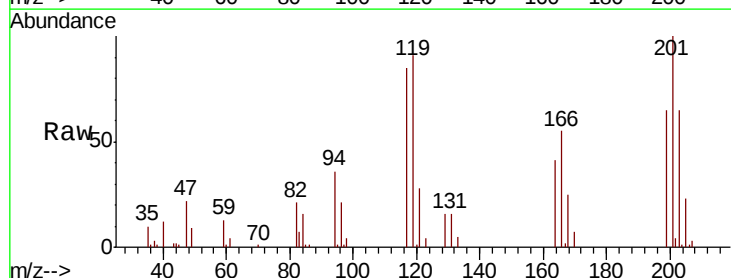
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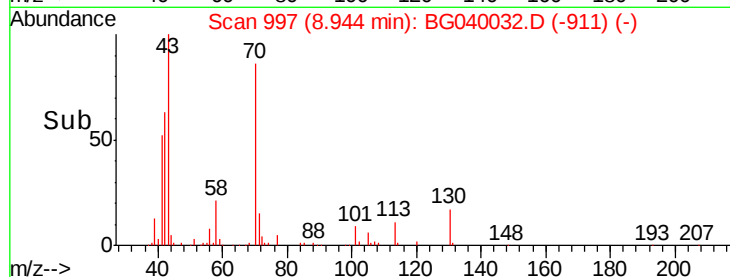
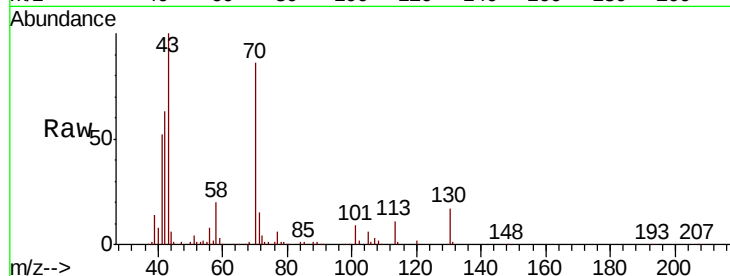
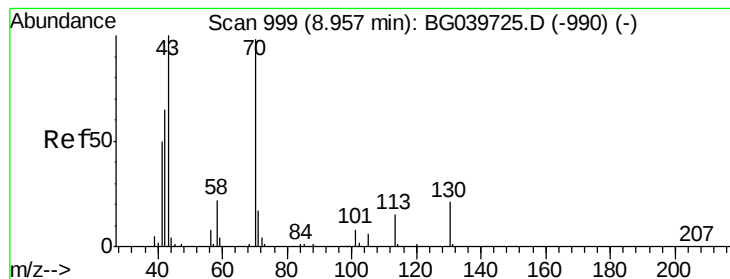
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#18
Hexachloroethane
Concen: 42.912 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion:	117	Resp:	40762
Ion	Ratio	Lower	Upper
117	100		
119	107.0	76.3	114.5
201	117.1	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.863 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

ClientSampleId :

TP-7MS

Tot Ion: 70 Resp: 89168

Ion Ratio Lower Upper

70 100

42 73.5 60.4 90.6

101 10.0 7.5 11.3

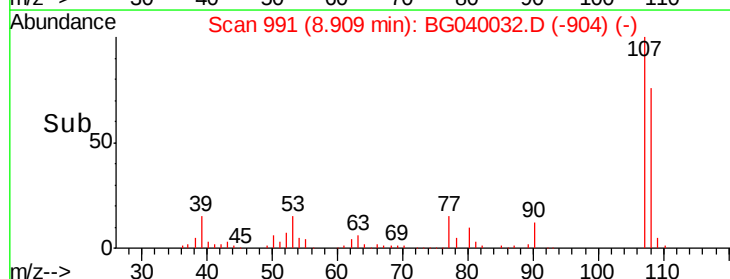
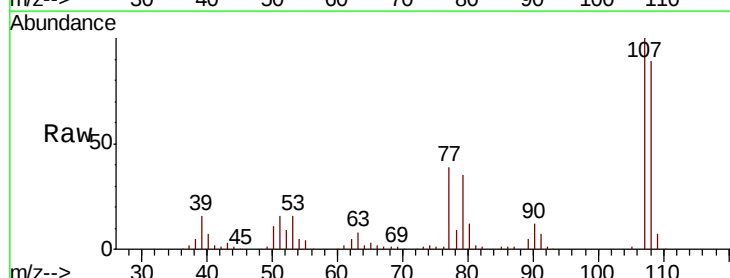
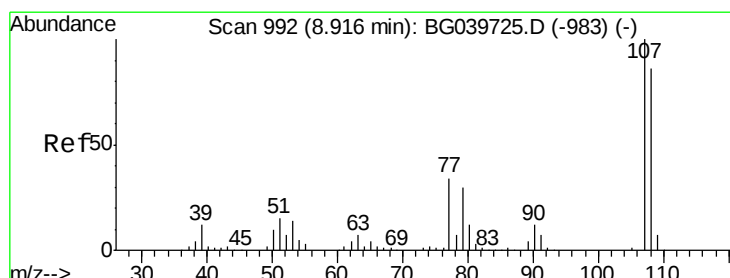
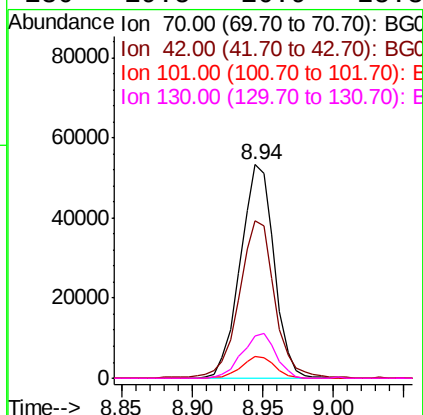
130 19.5 16.9 25.3

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#20

3+4-Methylphenols

Concen: 46.800 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion: 107 Resp: 126842

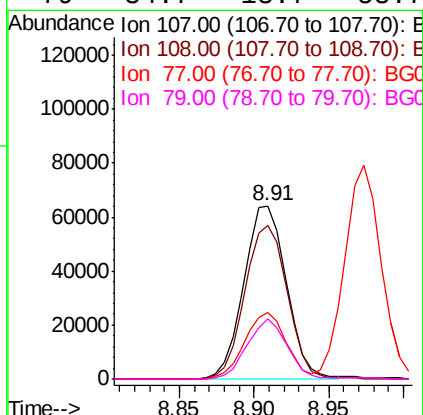
Ion Ratio Lower Upper

107 100

108 88.7 67.9 107.9

77 38.8 15.4 55.4

79 34.7 13.7 53.7





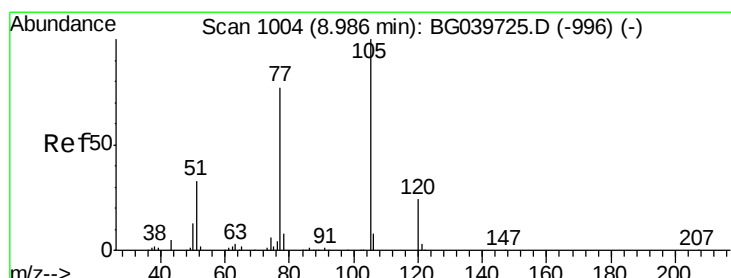
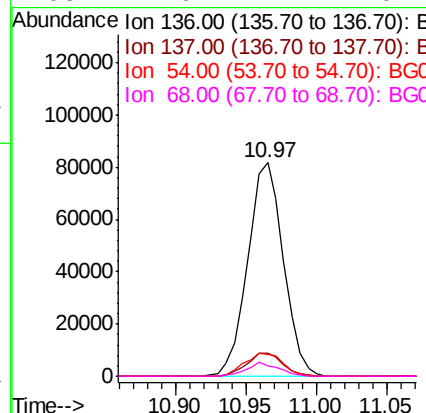
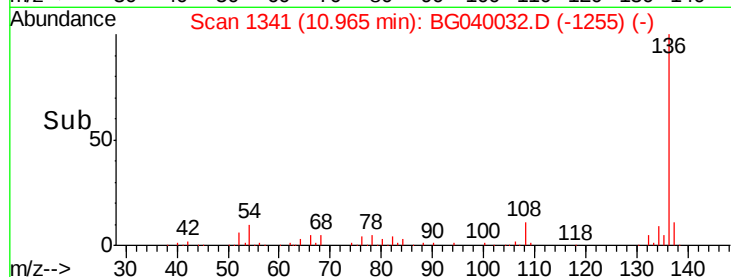
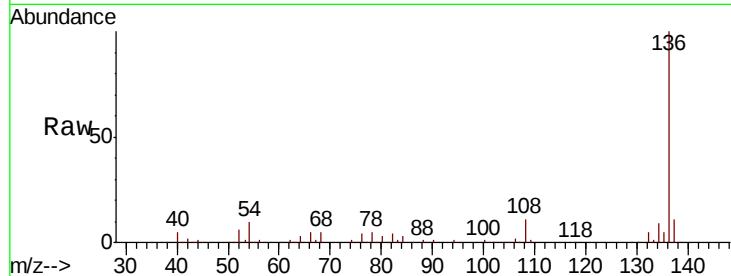
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	144624		
137	11.0	9.1	13.7	
54	10.5	9.4	14.2	
68	4.9	4.2	6.4	

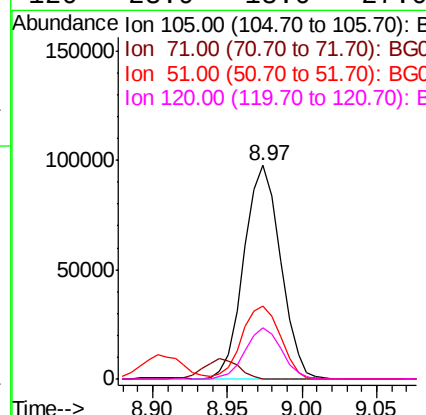
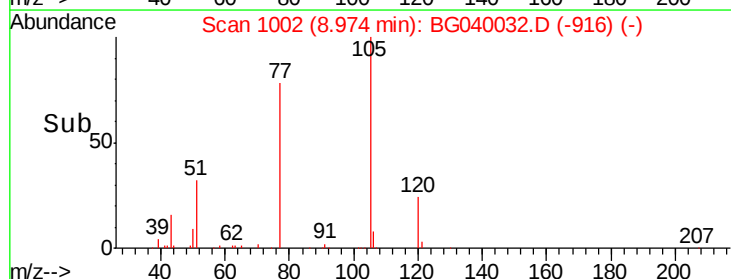
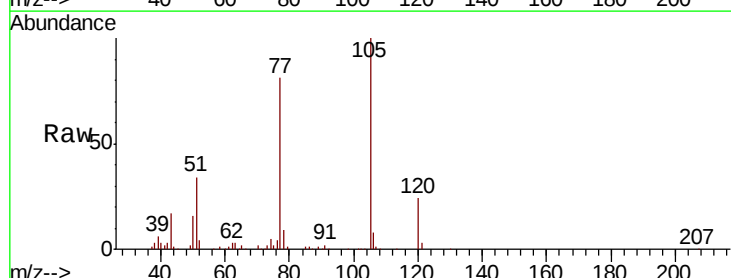
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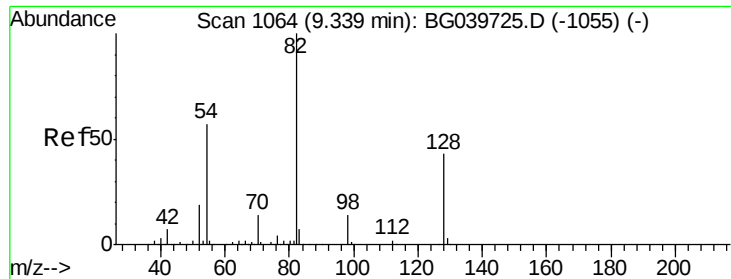
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#22
Acetophenone
Concen: 42.552 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165171		
71	0.3	0.8	1.2#	
51	33.9	30.2	45.2	
120	23.9	18.0	27.0	





#23

Nitrobenzene-d5

Concen: 100.283 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

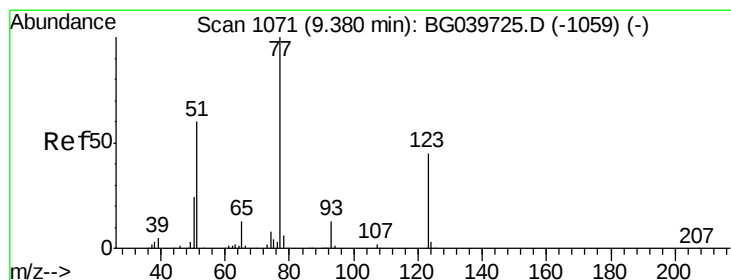
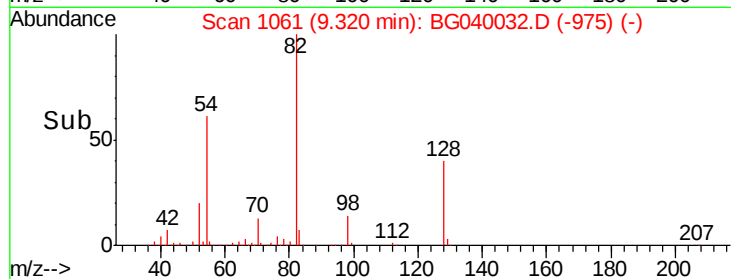
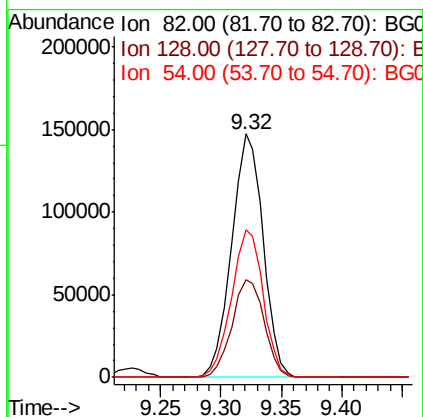
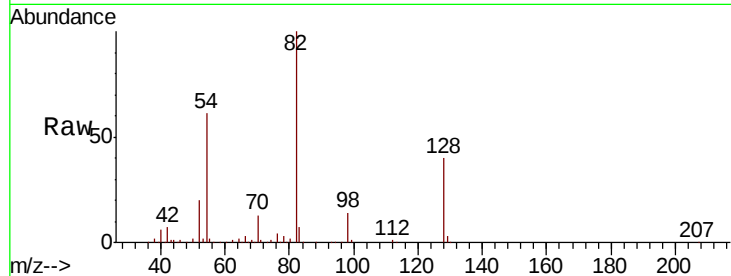
ClientSampled :

TP-7MS

Tot Ion:	82	Resp:	268164
Ion Ratio	Lower	Upper	
82	100		
128	40.3	31.3	46.9
54	60.9	50.9	76.3

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#24

Nitrobenzene

Concen: 46.991 ng

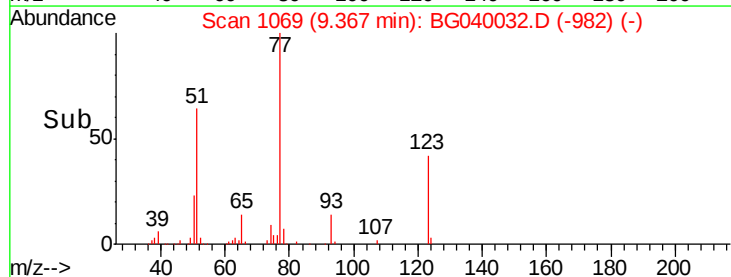
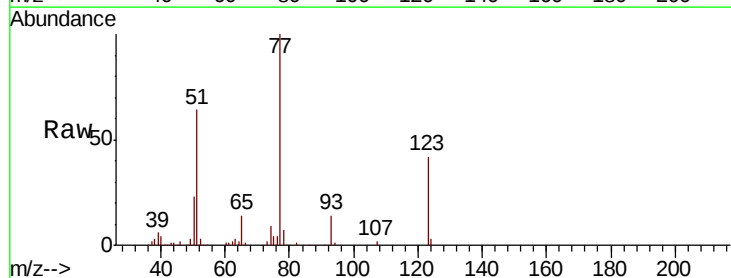
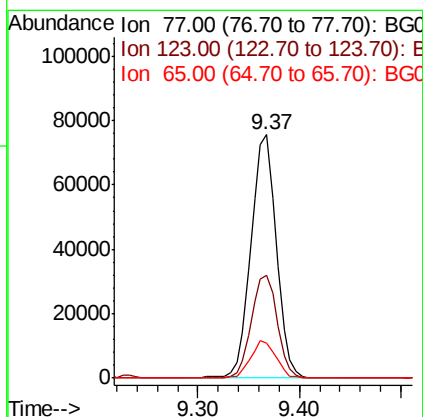
RT: 9.37 min Scan# 1069

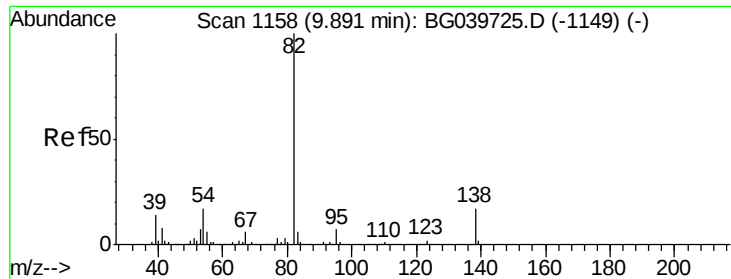
Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	77	Resp:	131822
Ion Ratio	Lower	Upper	
77	100		
123	42.2	34.1	51.1
65	14.4	12.3	18.5





#25

Isophorone

Concen: 47.970 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

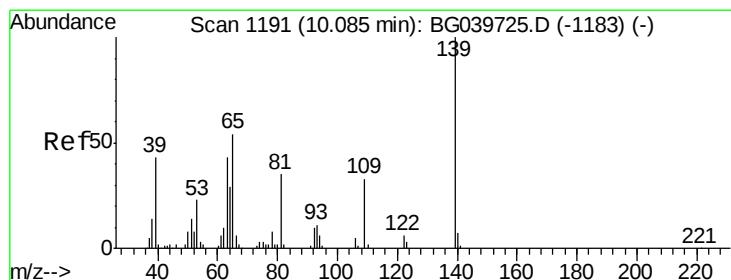
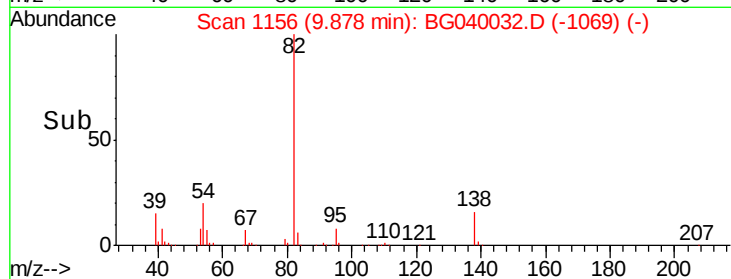
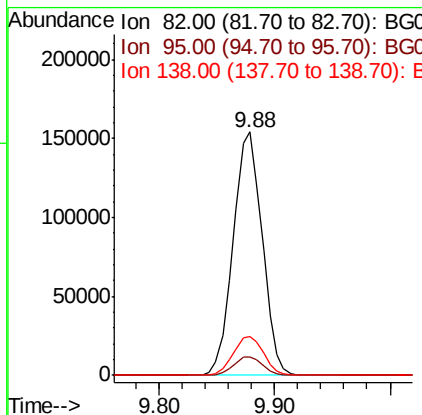
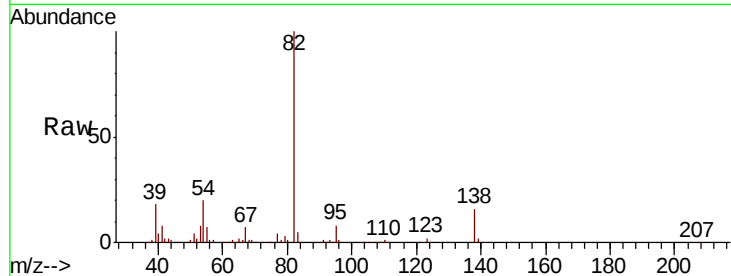
ClientSampleId :

TP-7MS

Tot Ion	82	Resp	268776
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.2	9.2
138	16.1	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.742 ng

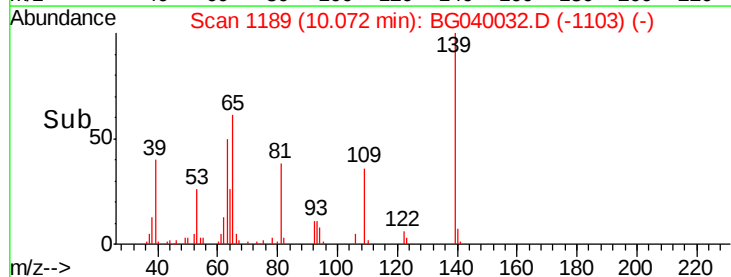
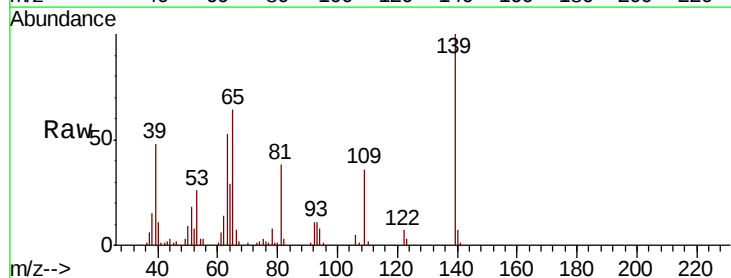
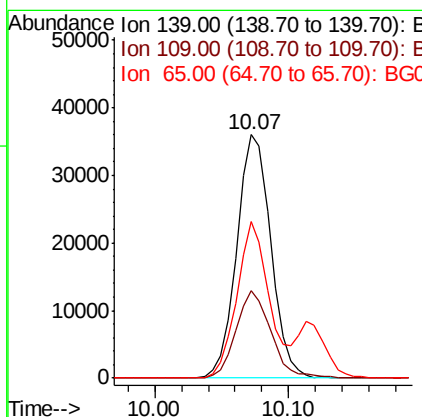
RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion	139	Resp	63310
Ion	Ratio	Lower	Upper
139	100		
109	35.7	23.4	35.0#
65	64.1	44.3	66.5





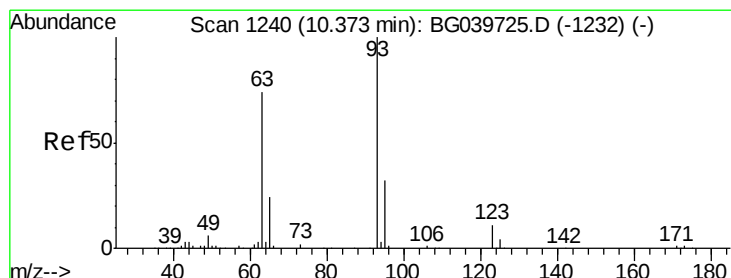
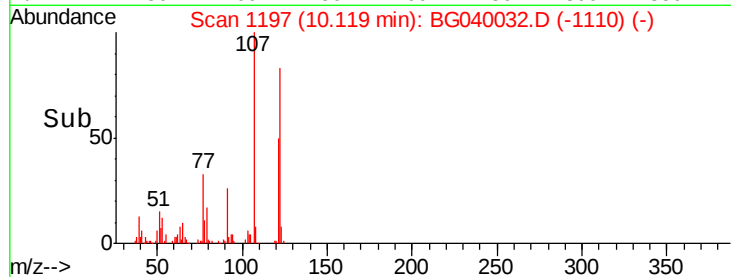
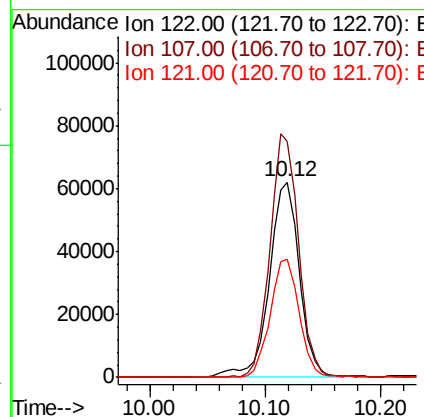
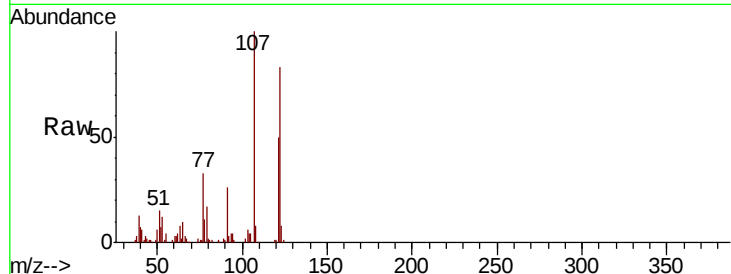
#27
 2,4-Dimethylphenol
 Concen: 53.434 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	112559		
107	121.0	91.7	137.5	
121	60.3	46.4	69.6	

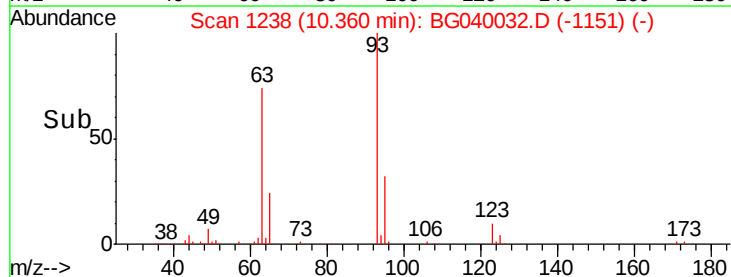
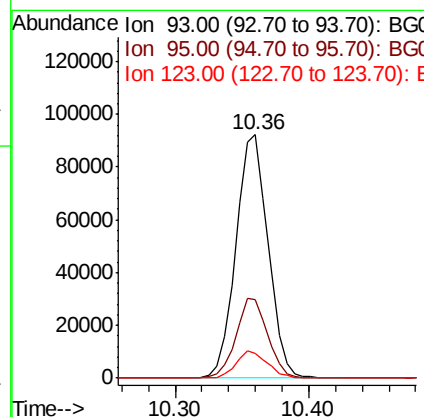
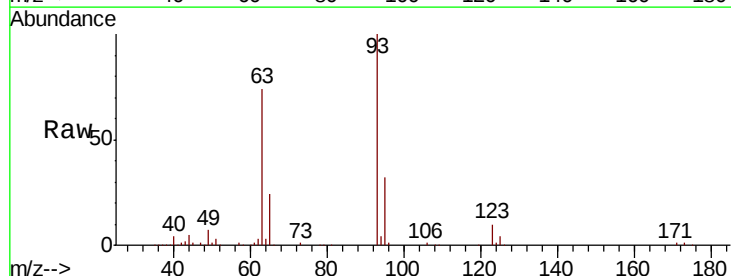
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.176 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	153822		
95	32.4	25.0	37.4	
123	10.2	8.6	12.8	





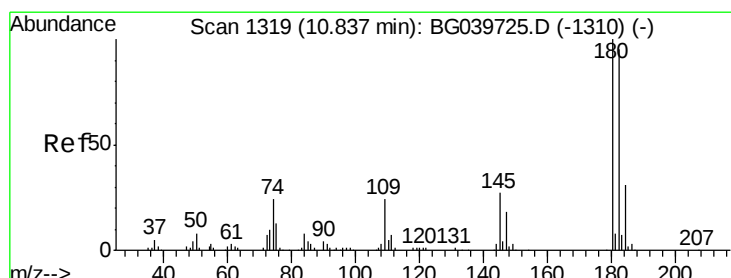
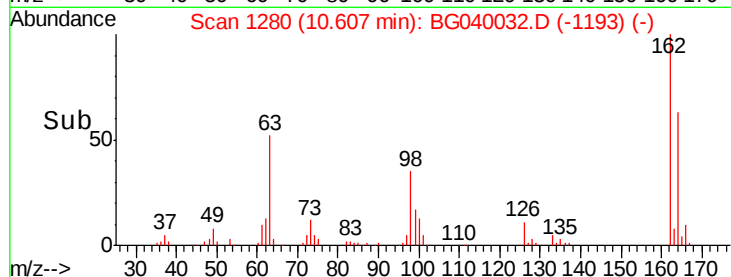
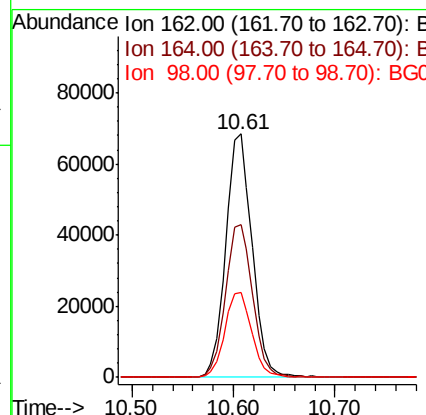
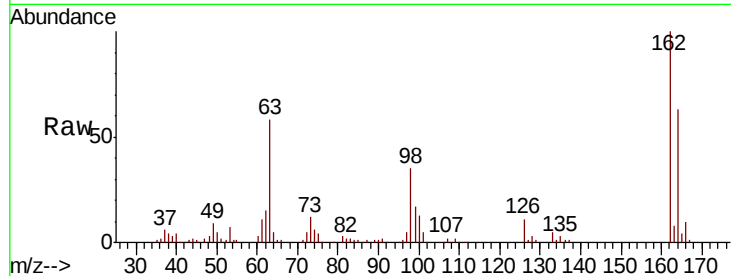
#29
 2,4-Dichlorophenol
 Concen: 51.906 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampled :
 TP-7MS

Tot Ion:	162	Resp:	123106
Ion Ratio	Lower	Upper	
162	100		
164	62.7	48.1	88.1
98	34.8	18.1	58.1

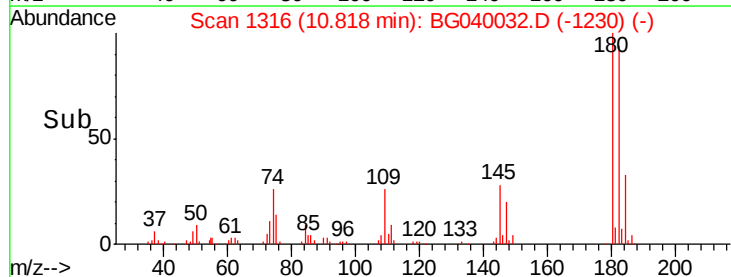
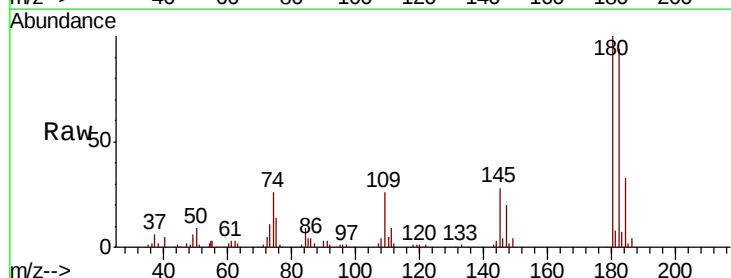
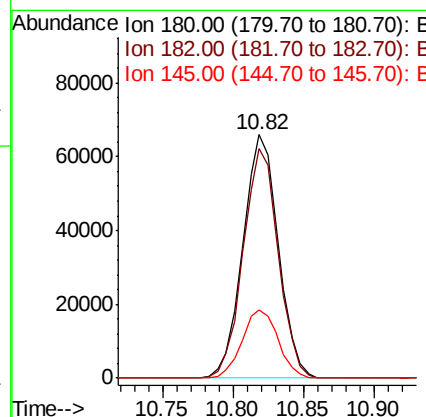
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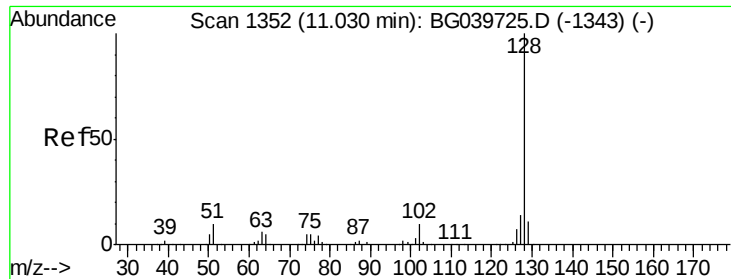
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.274 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion:	180	Resp:	115490
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.0	114.0
145	27.8	22.7	34.1





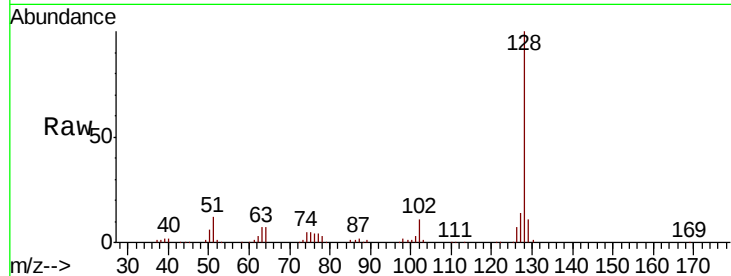
#31
Naphthalene
Concen: 45.202 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampled :
TP-7MS

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

Manual Integrations
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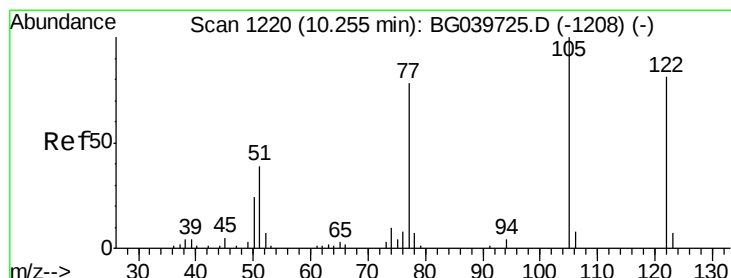
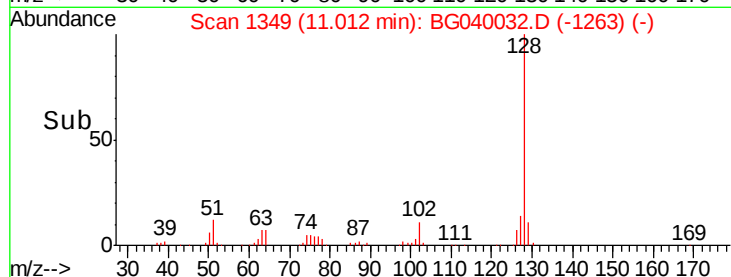
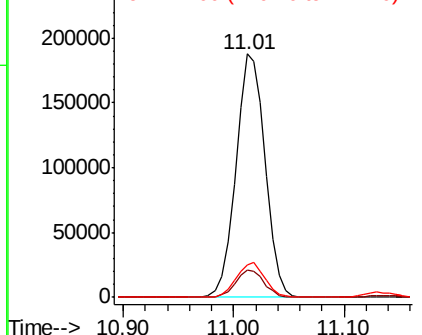


Abundance

Ion 128.00 (127.70 to 128.70): E

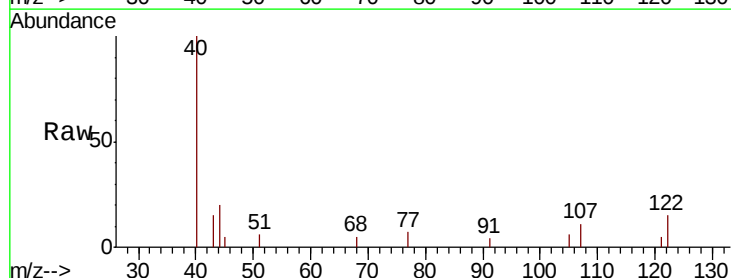
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 8.147 ng m
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	37.4	101.8	141.8#
77	48.2	76.3	116.3#

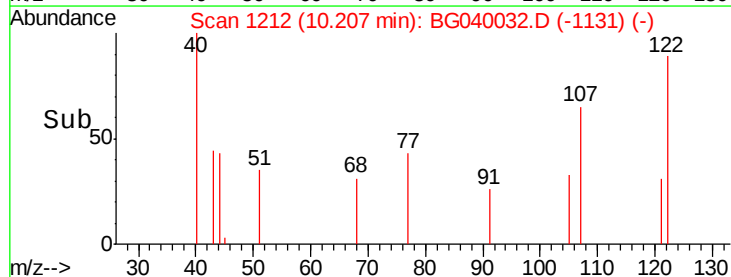
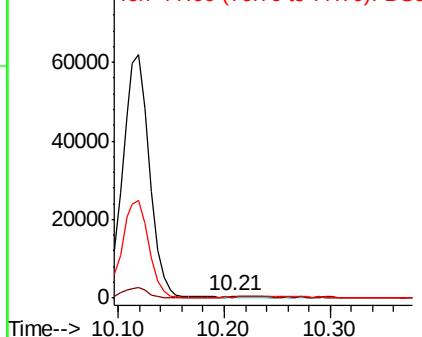


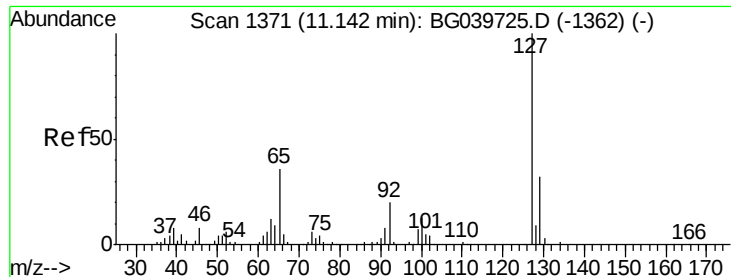
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





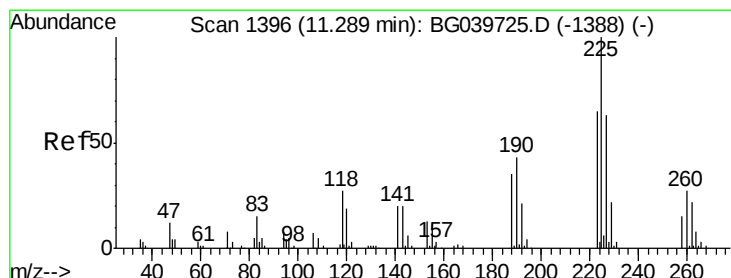
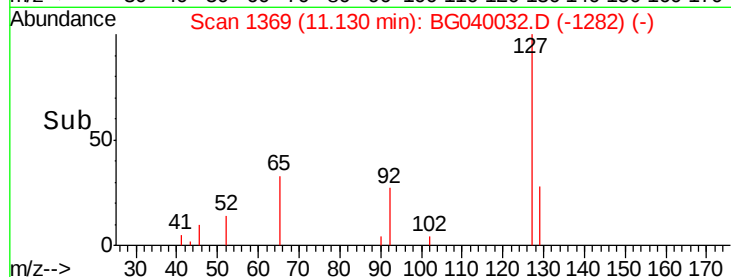
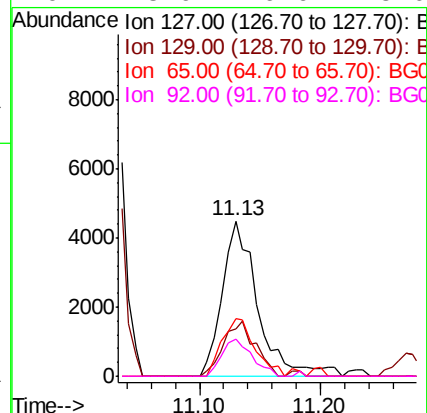
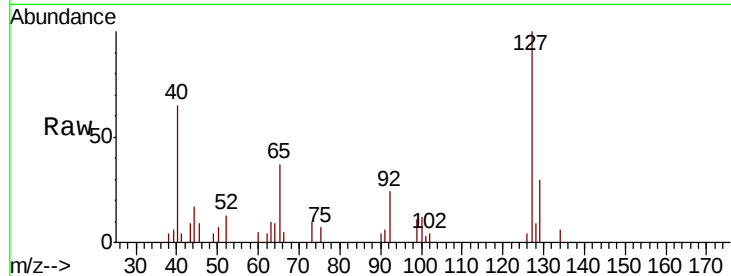
#33
4-Chloroaniline
Concen: 2.817 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion:	127	Resp:	9147
Ion Ratio	Lower	Upper	
127	100		
129	30.5	27.0	40.4
65	36.8	28.8	43.2
92	23.9	16.6	25.0

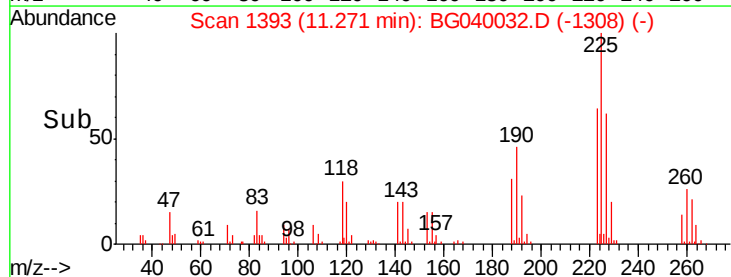
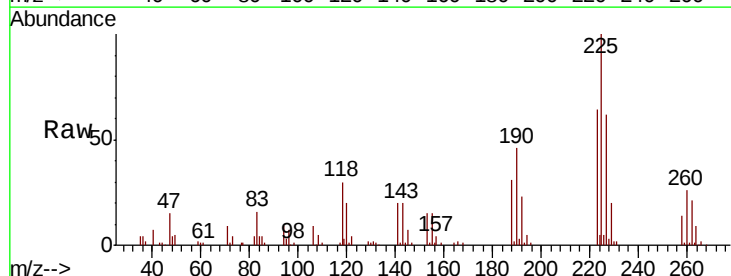
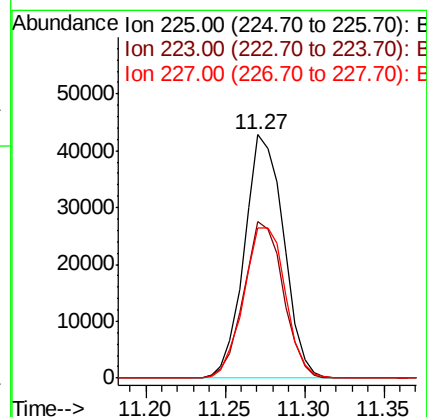
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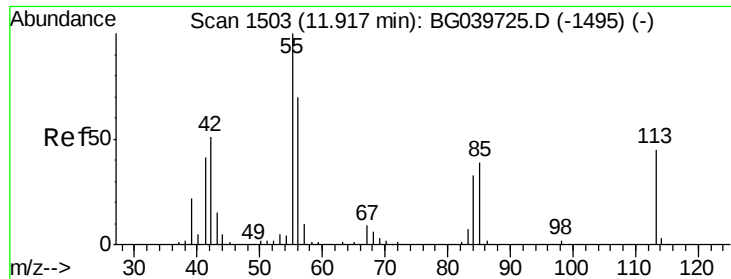
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#34
Hexachlorobutadiene
Concen: 40.443 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion:	225	Resp:	73756
Ion Ratio	Lower	Upper	
225	100		
223	64.3	49.0	73.6
227	61.9	46.3	69.5





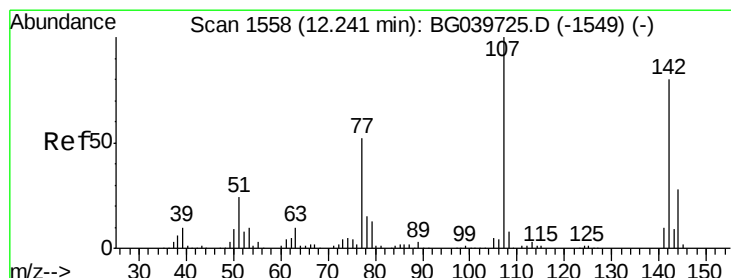
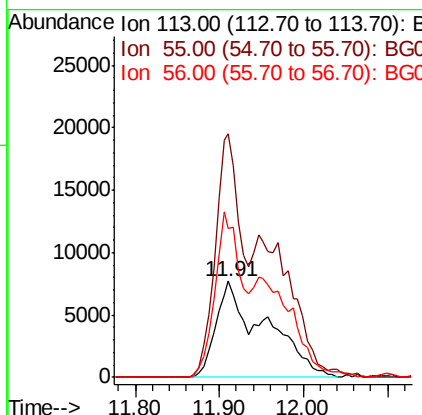
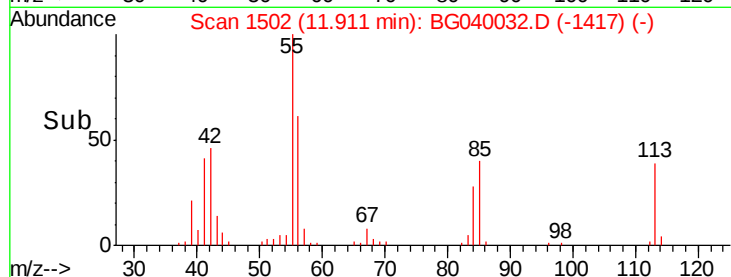
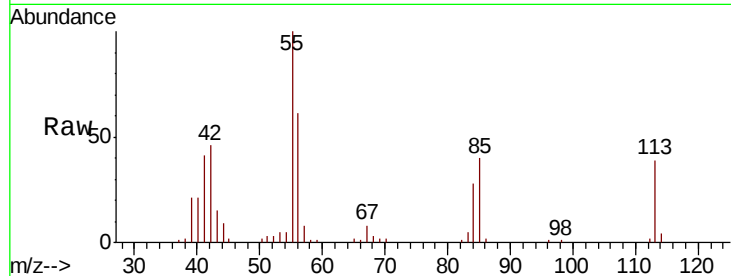
#35
 Caprolactam
 Concen: 34.675 ng/ml
 RT: 11.91 min Scan# 1502
 Delta R.T. -0.03 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampled :
 TP-7MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	253.8	216.9	256.9
56	155.6	152.6	192.6

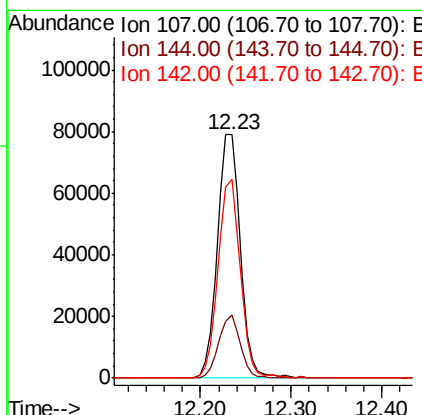
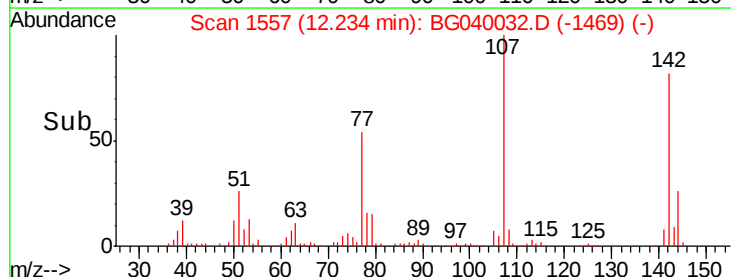
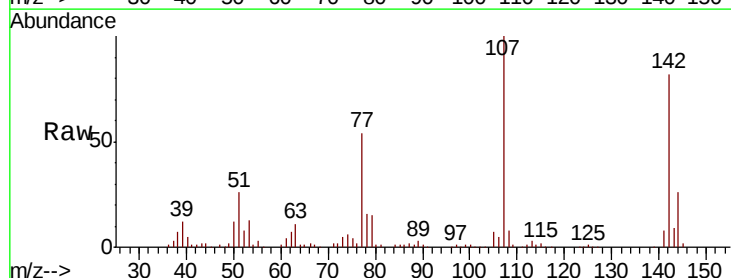
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#36
 4-Chloro-3-methylphenol
 Concen: 51.002 ng/ml
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.2	30.2
142	81.7	61.4	92.2





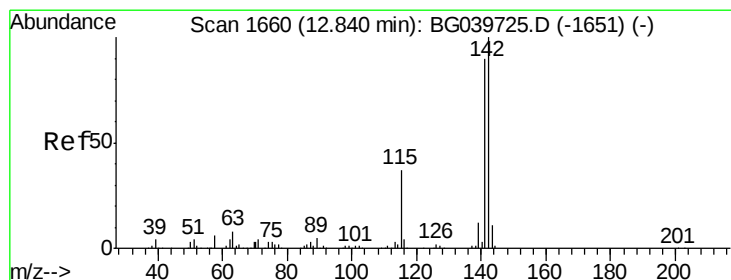
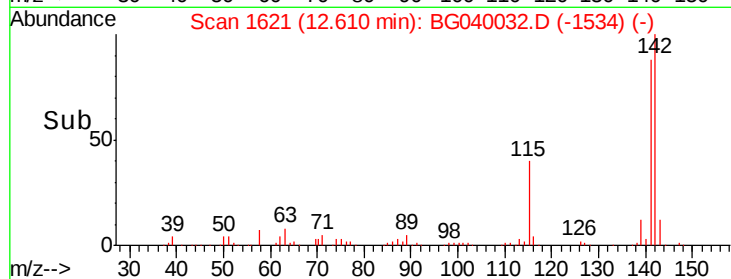
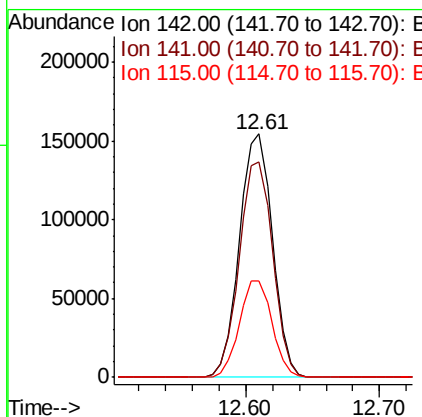
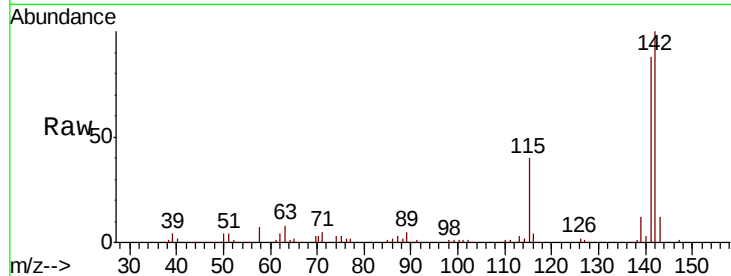
#37
2-Methylnaphthalene
Concen: 46.117 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	73.5	110.3
115	39.6	30.8	46.2

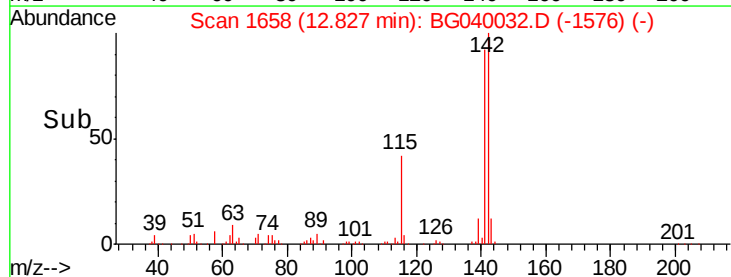
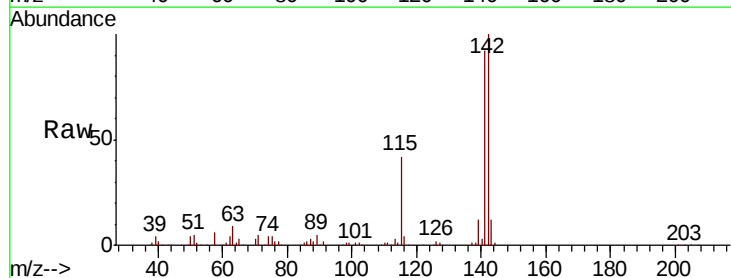
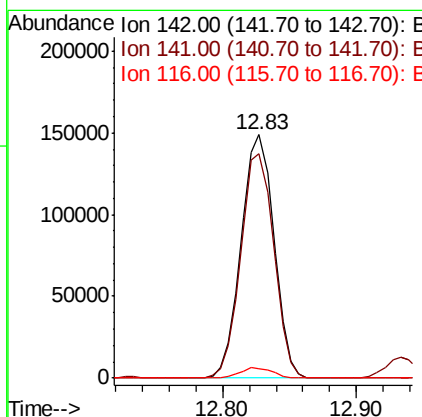
Manual Integrations
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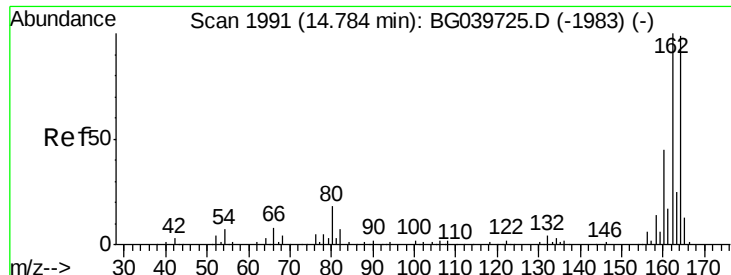
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#38
1-Methylnaphthalene
Concen: 45.414 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	4.0	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: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

ClientSampleId :

TP-7MS

Tot Ion:164 Resp: 103749

Ion Ratio Lower Upper

164 100

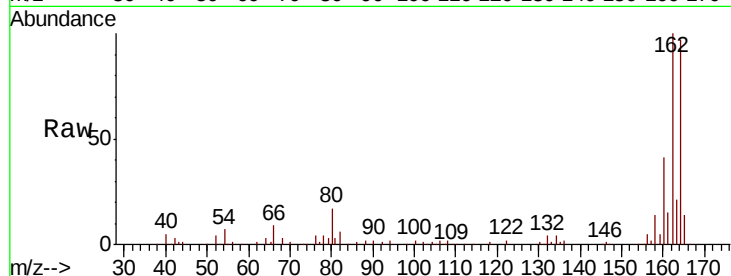
162 103.3 81.6 122.4

160 42.5 34.2 51.2

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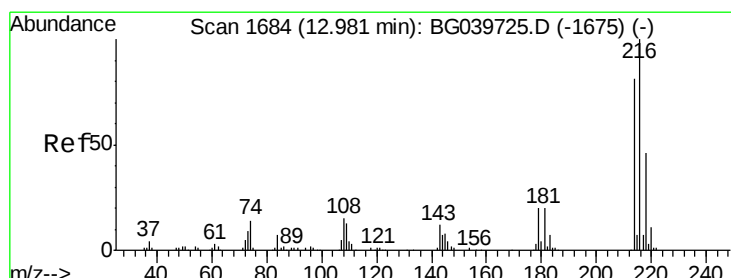
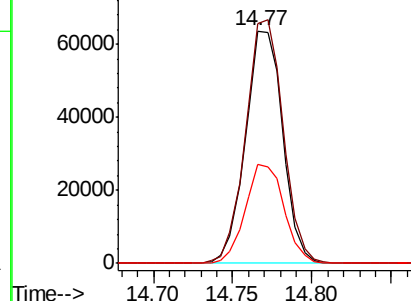
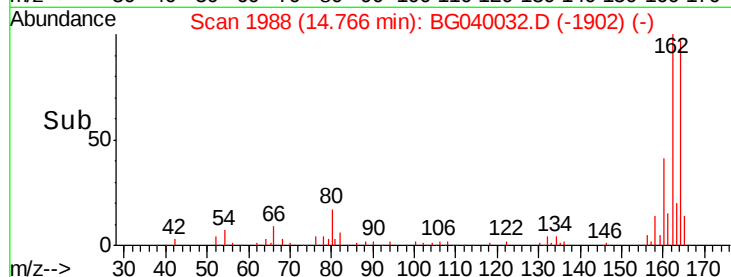
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.717 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:216 Resp: 143111

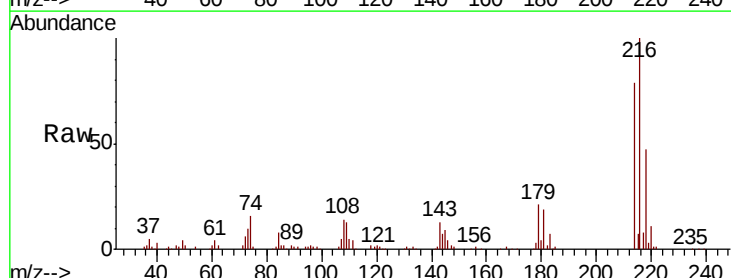
Ion Ratio Lower Upper

216 100

214 80.2 62.6 94.0

179 20.7 16.6 25.0

108 19.2 14.0 21.0

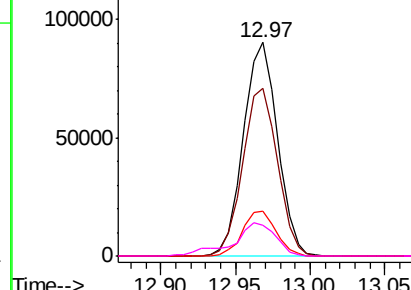
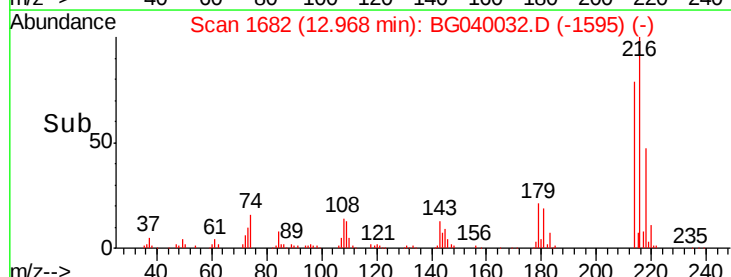


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.495 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

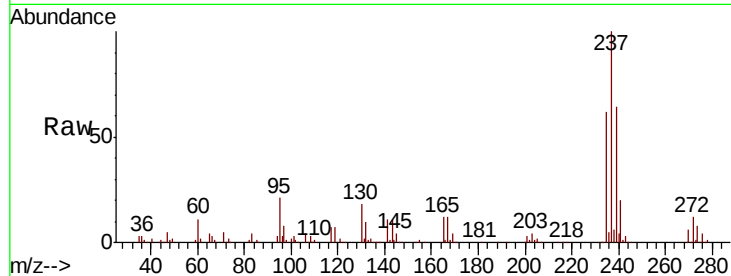
ClientSampled :

TP-7MS

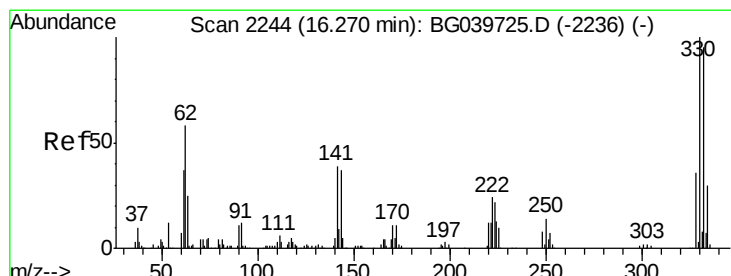
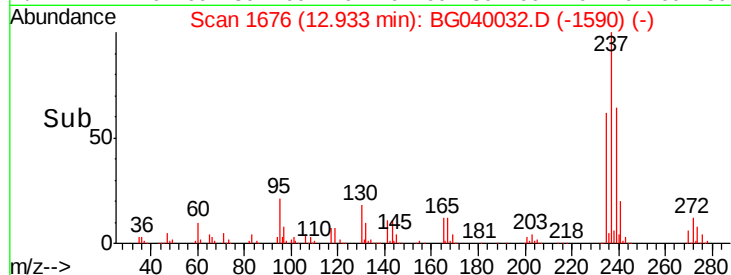
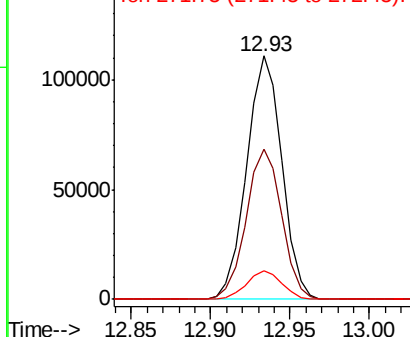
Tot Ion:	237	Resp:	170453
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.3	83.3
272	11.7	0.0	32.3

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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: 153.746 ng

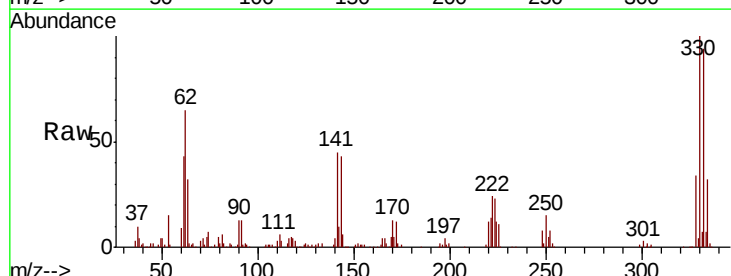
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

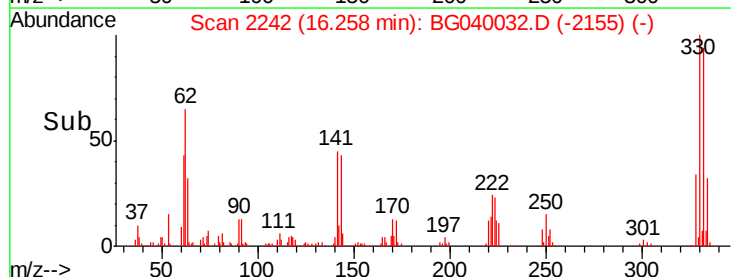
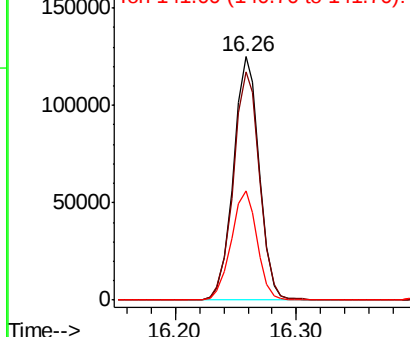
Lab File: BG040032.D

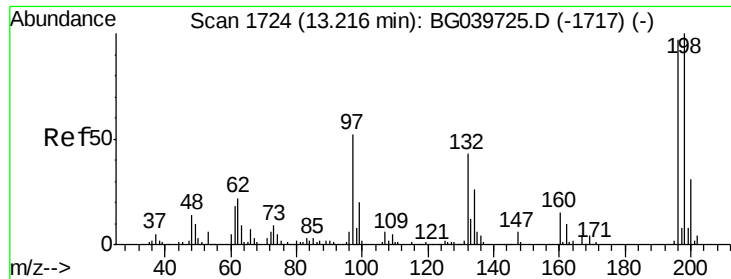
Acq: 20 Mar 2019 10:33

Tgt Ion:	330	Resp:	185921
Ion Ratio	Lower	Upper	
330	100		
332	95.2	75.7	113.5
141	44.9	35.6	53.4



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





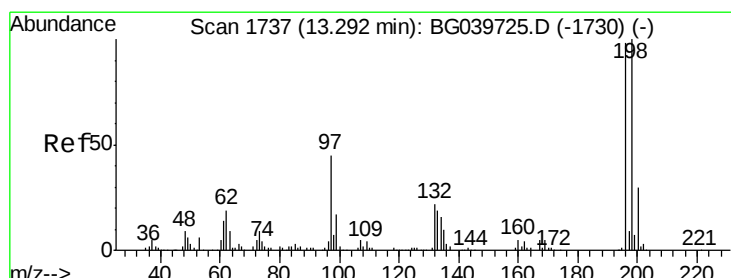
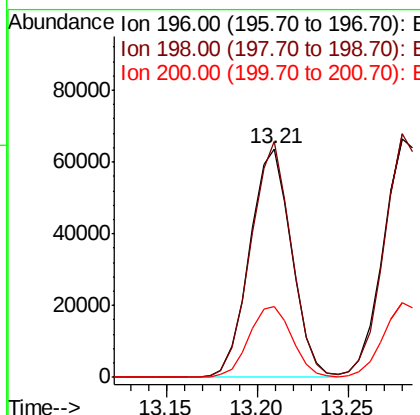
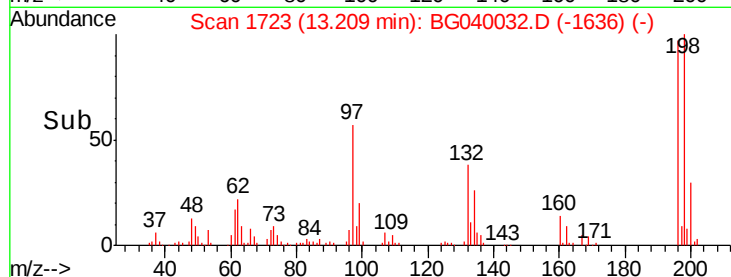
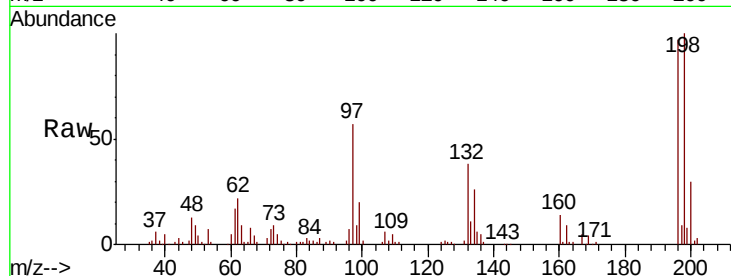
#43
 2,4,6-Trichlorophenol
 Concen: 49.706 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampled :
 TP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102282		
198	103.2	80.6	121.0	
200	31.0	26.1	39.1	

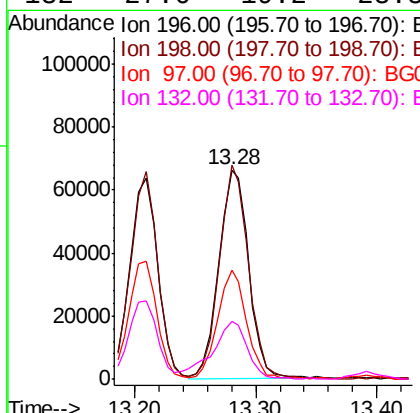
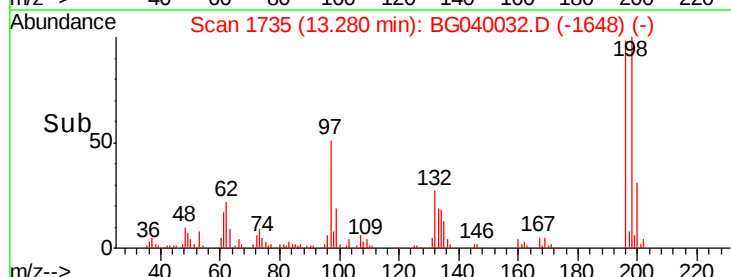
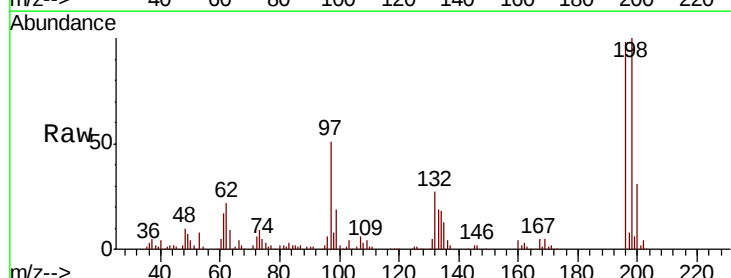
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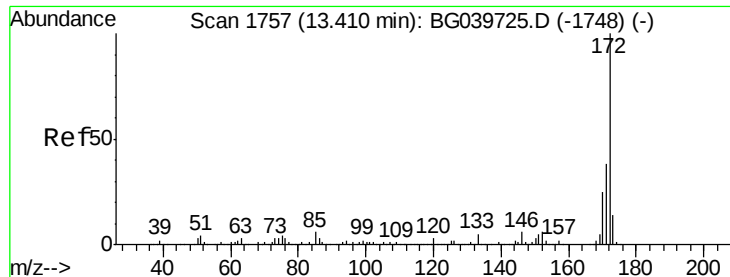
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 48.570 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	112655		
198	102.2	78.5	117.7	
97	52.0	38.4	57.6	
132	27.6	19.2	28.8	





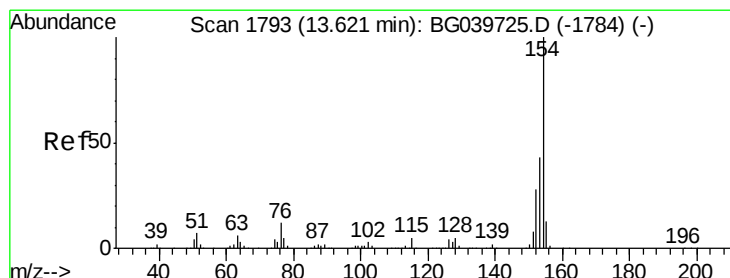
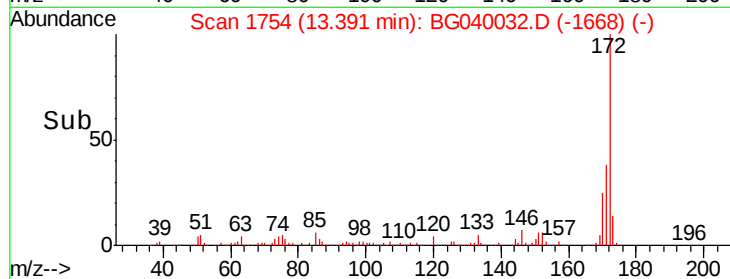
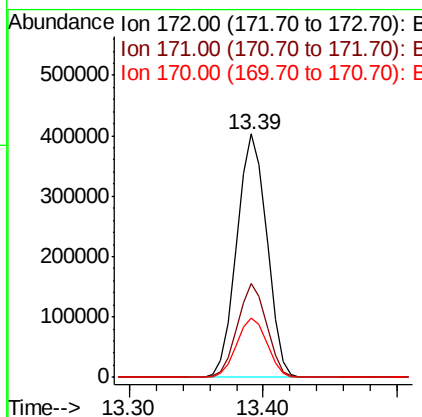
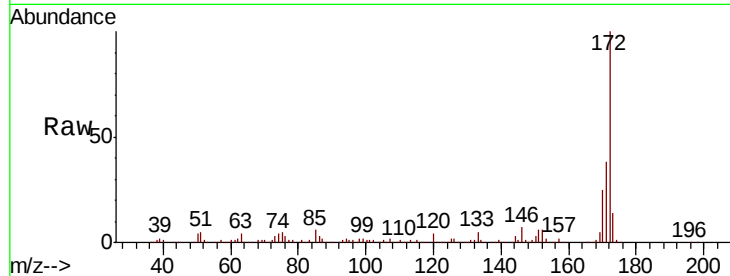
#45
2-Fluorobiphenyl
Concen: 86.008 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampled :
TP-7MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	24.5	20.2	30.4

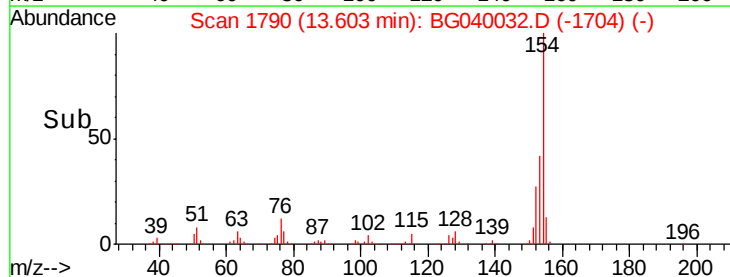
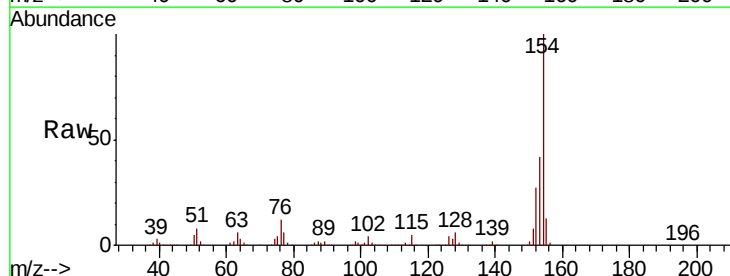
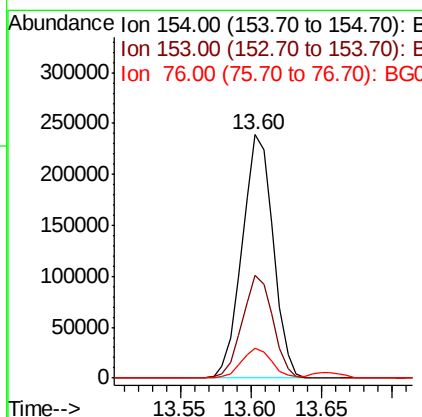
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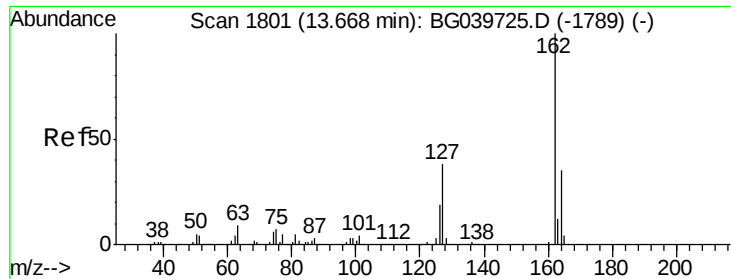
Sohil
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#46
1,1'-Biphenyl
Concen: 43.133 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	12.1	0.0	32.4





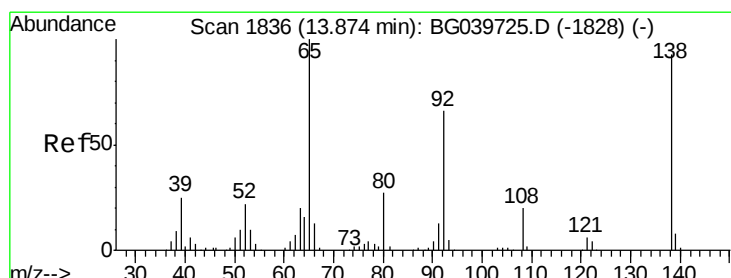
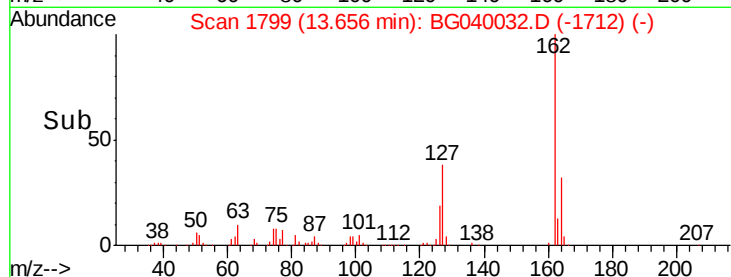
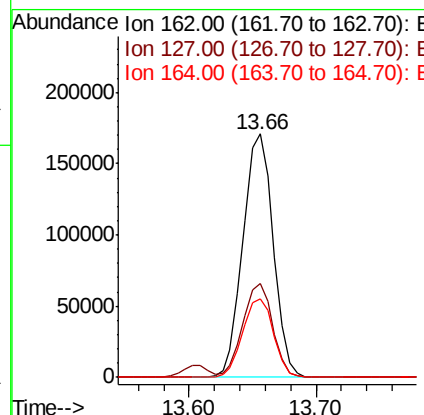
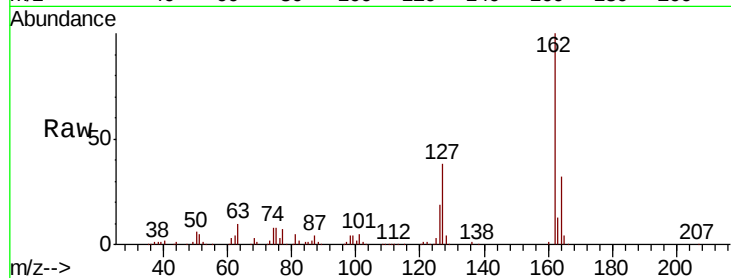
#47
2-Chloronaphthalene
Concen: 44.065 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.6
164	32.3	25.7	38.5

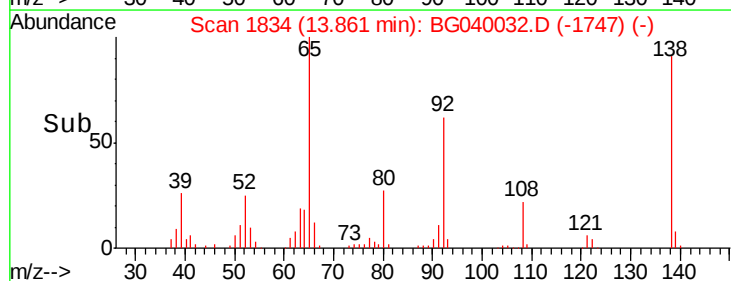
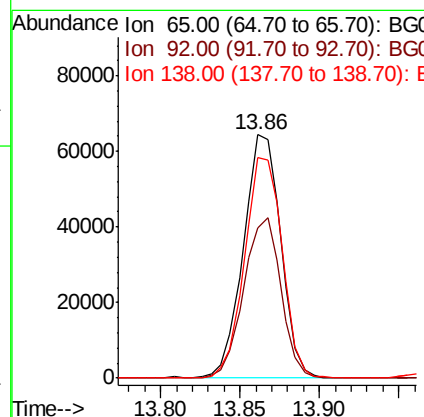
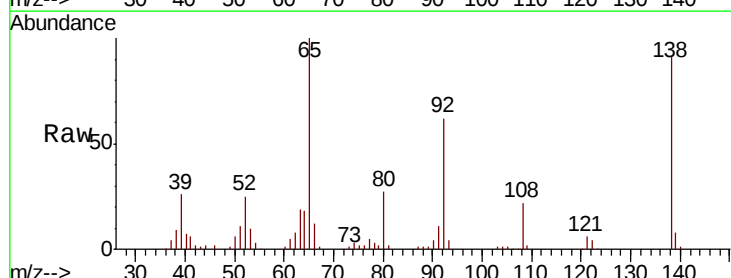
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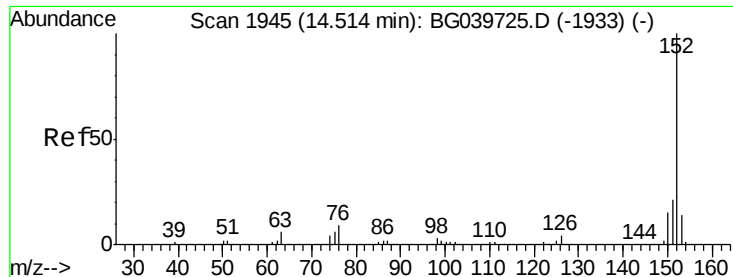
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#48
2-Nitroaniline
Concen: 51.277 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.7	51.4	77.2
138	90.6	71.4	107.2





#49

Acenaphthylene

Concen: 44.183 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

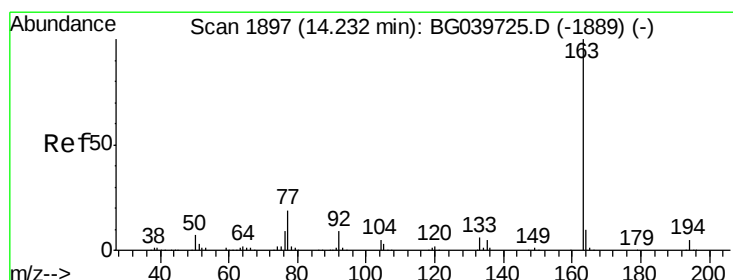
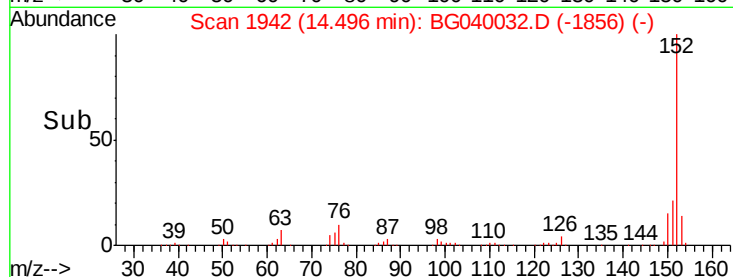
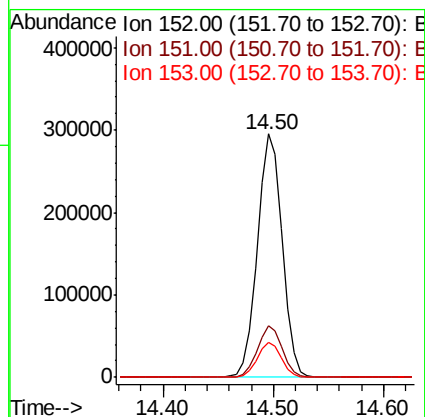
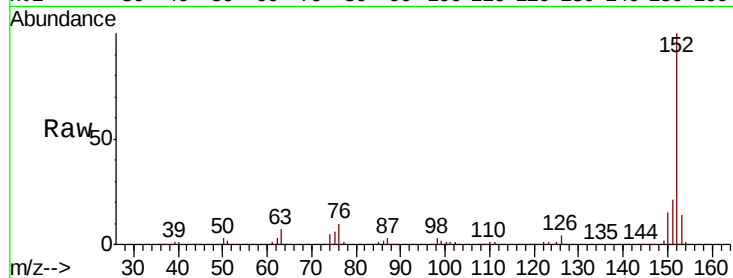
ClientSampleId :

TP-7MS

Tot Ion:	152	Resp:	465607
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	14.4	11.7	17.5

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#50

Dimethylphthalate

Concen: 46.718 ng

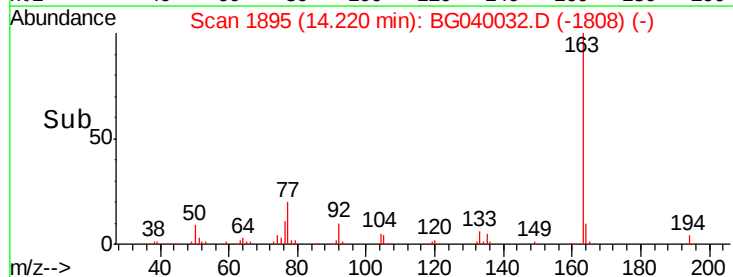
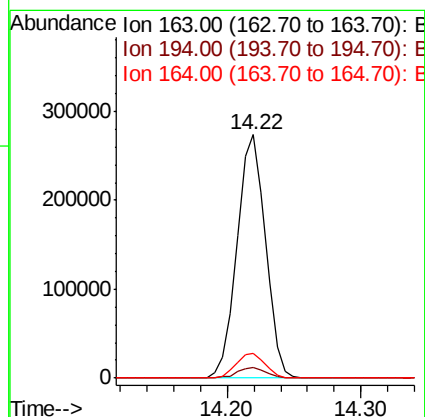
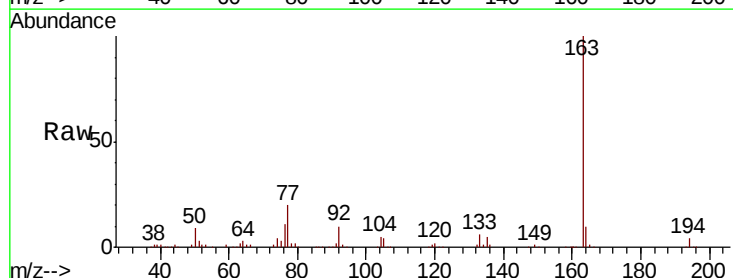
RT: 14.22 min Scan# 1895

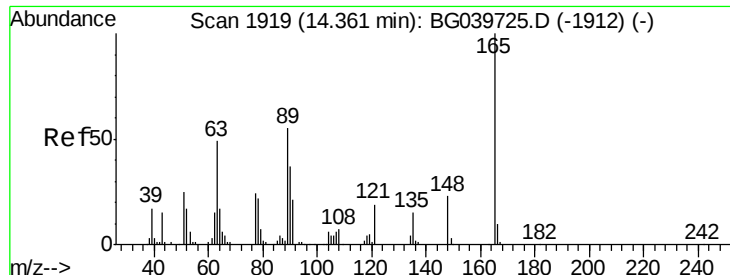
Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	163	Resp:	405301
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	10.2	8.4	12.6





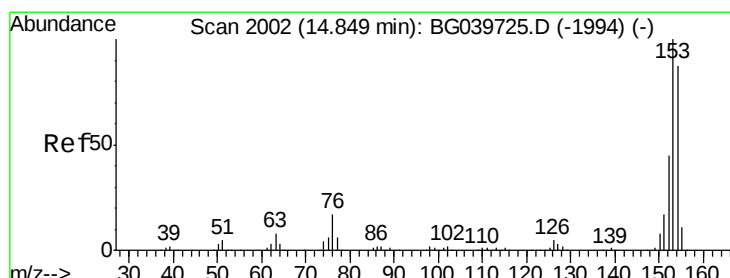
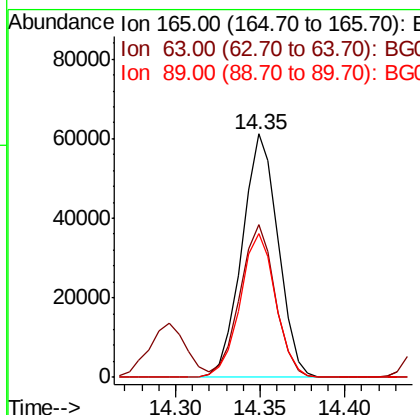
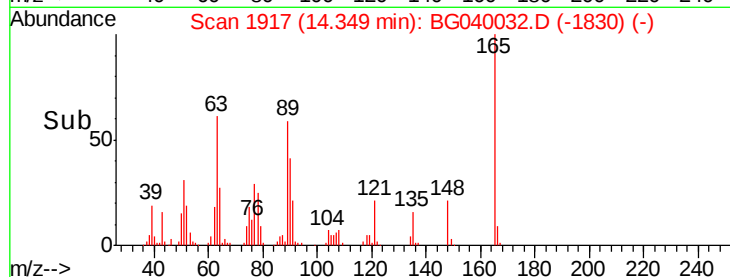
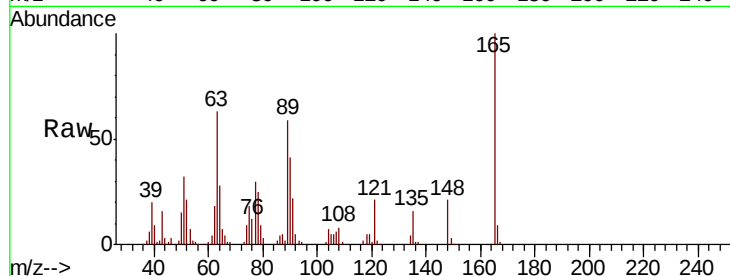
#51
2,6-Dinitrotoluene
Concen: 49.463 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampled :
TP-7MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	90969		
63	62.6	47.0	70.6	
89	59.1	45.8	68.8	

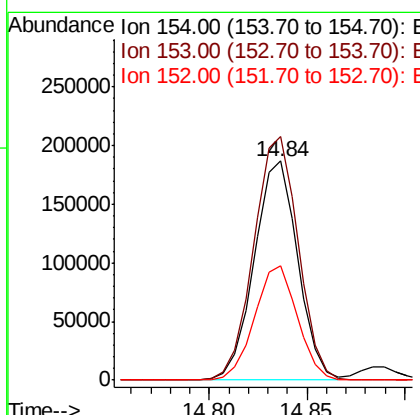
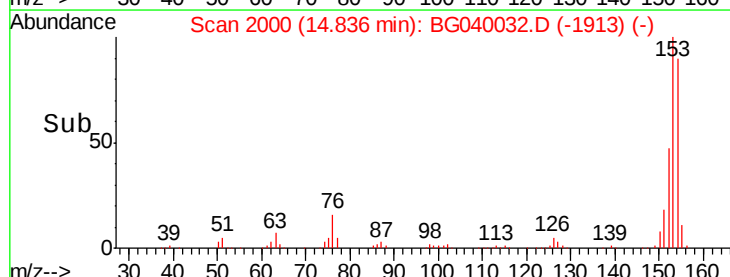
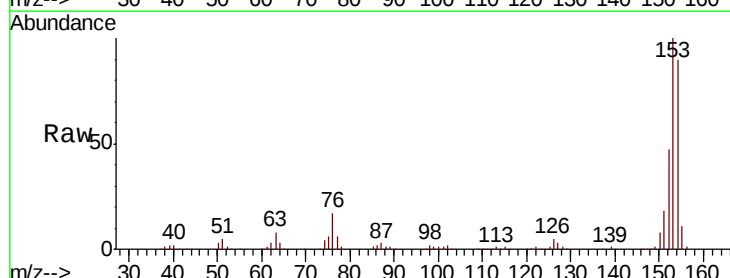
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#52
Acenaphthene
Concen: 45.446 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	288248		
153	111.3	90.1	135.1	
152	52.3	40.9	61.3	





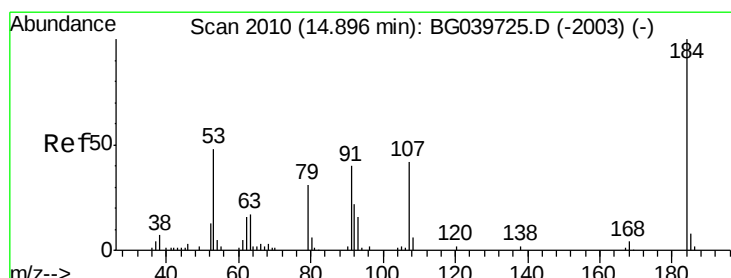
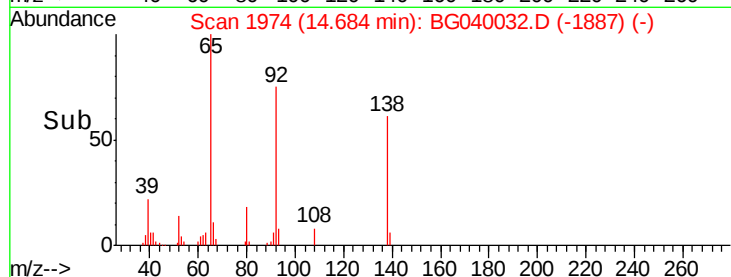
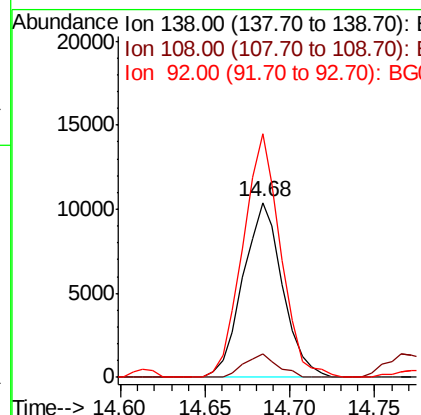
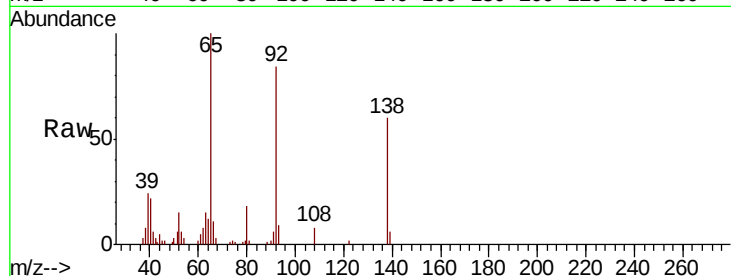
#53
3-Nitroaniline
Concen: 9.153 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.6	13.8	20.8#
92	139.1	103.7	155.5

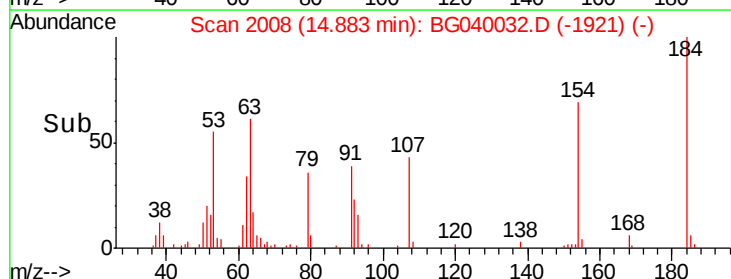
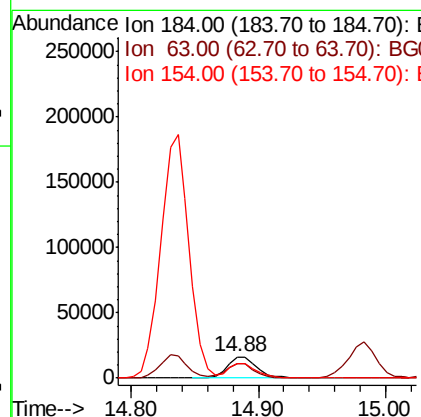
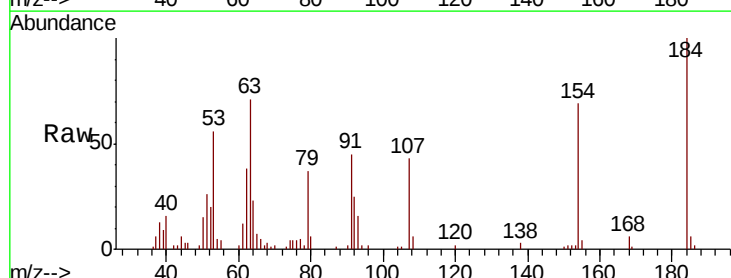
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#54
2,4-Dinitrophenol
Concen: 26.820 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.2	50.9	76.3
154	69.4	53.0	79.6





#55

Dibenzofuran

Concen: 45.068 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

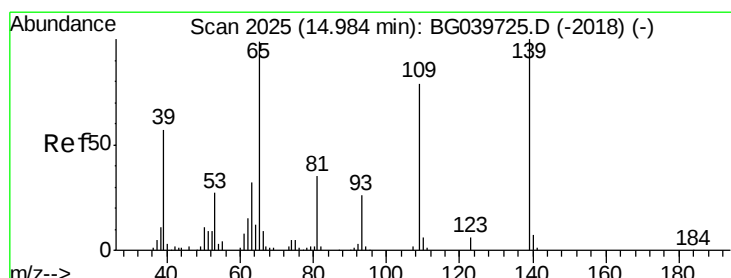
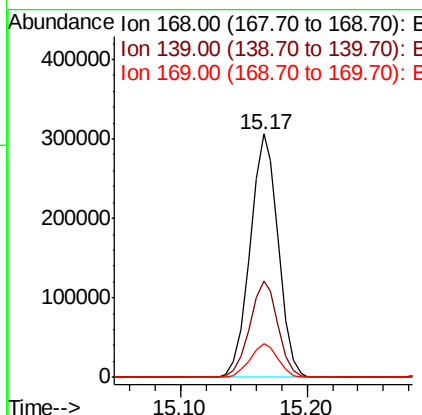
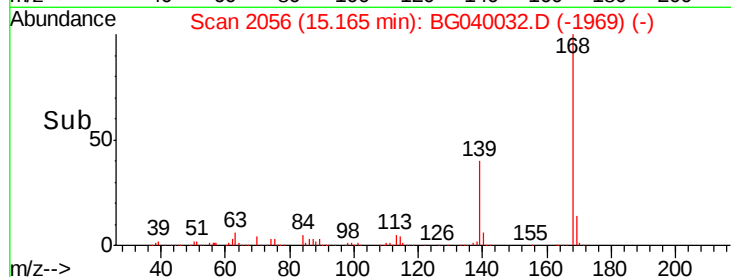
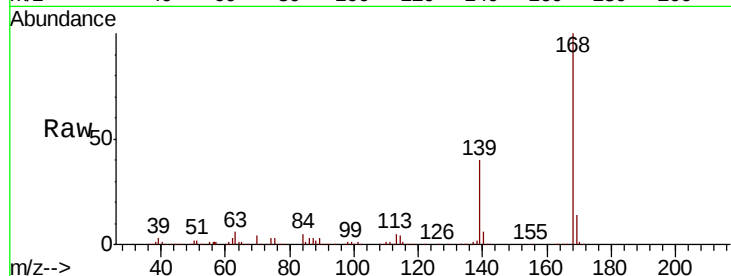
ClientSampled :

TP-7MS

Tot Ion:	168	Resp:	468999
Ion Ratio	Lower	Upper	
168	100		
139	39.8	30.1	45.1
169	13.6	10.6	16.0

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#56

4-Nitrophenol

Concen: 79.117 ng

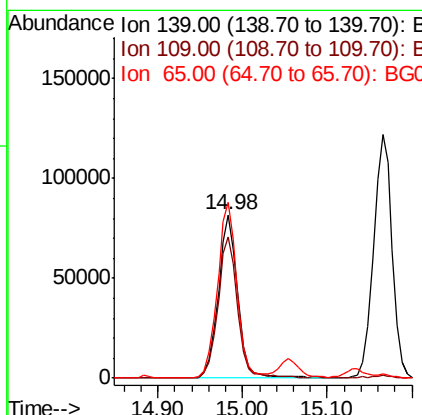
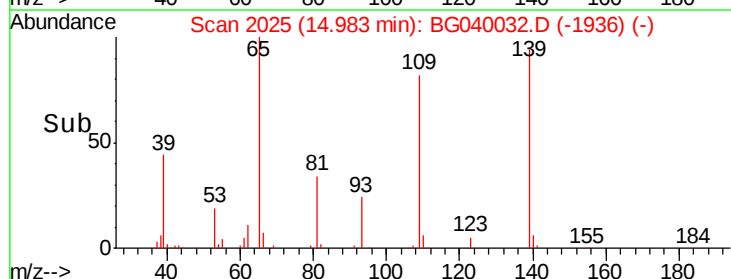
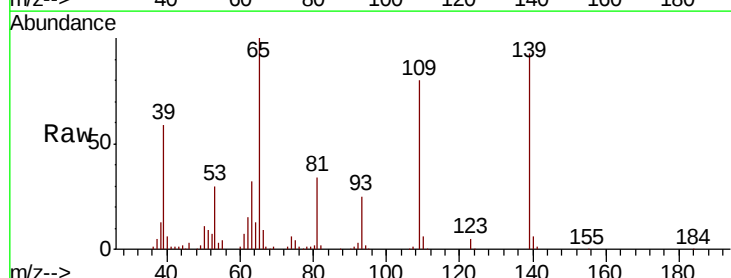
RT: 14.98 min Scan# 2025

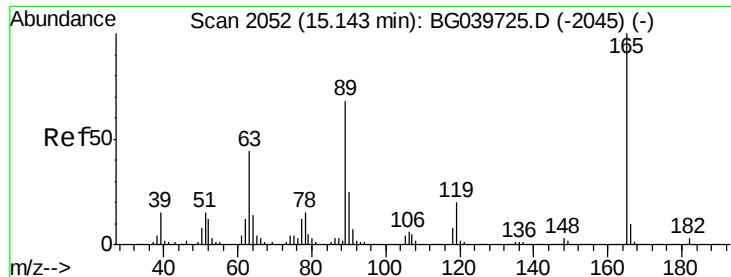
Delta R.T. -0.01 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	139	Resp:	130844
Ion Ratio	Lower	Upper	
139	100		
109	86.7	61.9	101.9
65	107.7	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 49.872 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

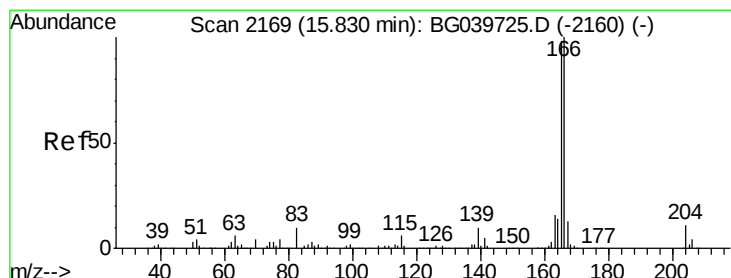
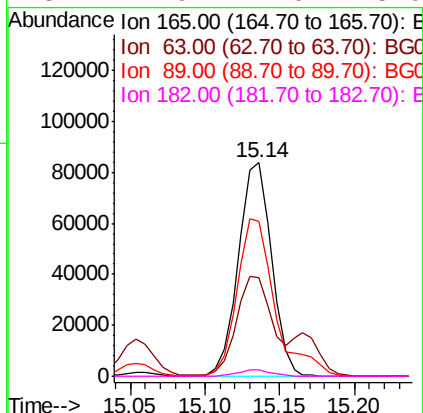
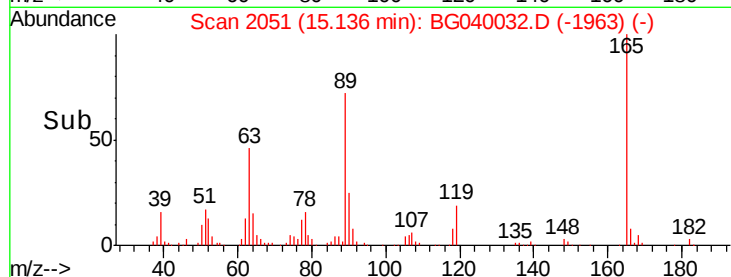
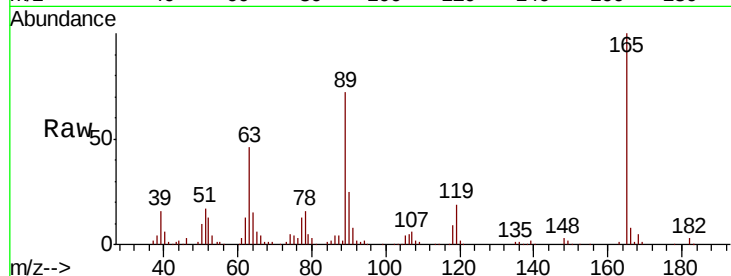
ClientSampleId :

TP-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	46.2		41.0	61.6	
89	72.5		64.6	96.8	
182	2.9		2.0	3.0	

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#58

Fluorene

Concen: 45.958 ng

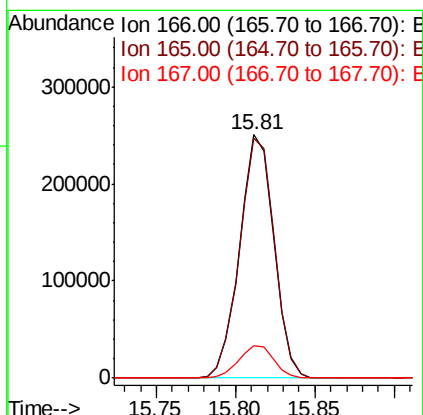
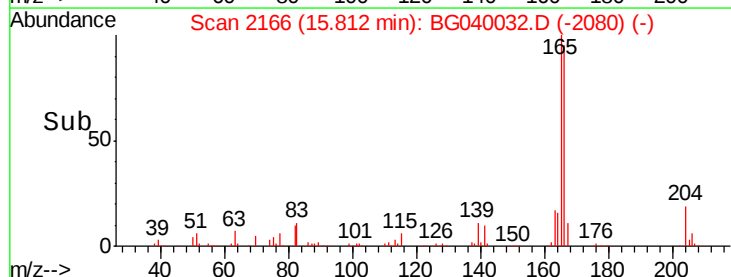
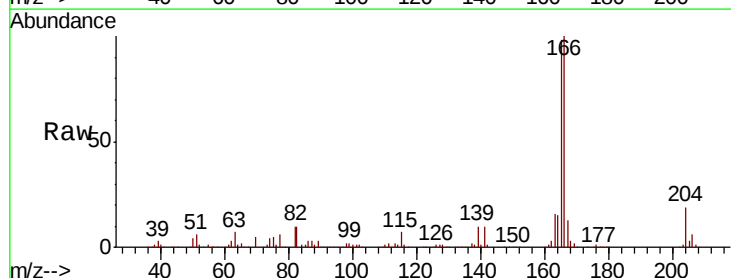
RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.3		77.9	116.9	
167	13.1		10.8	16.2	





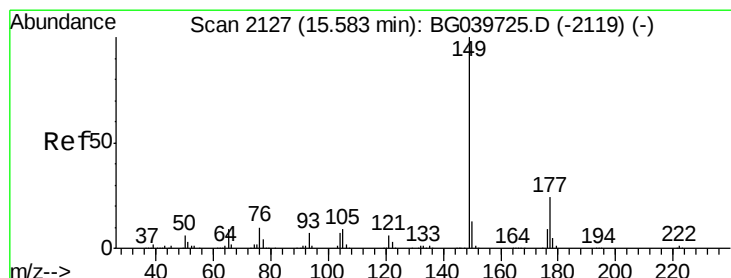
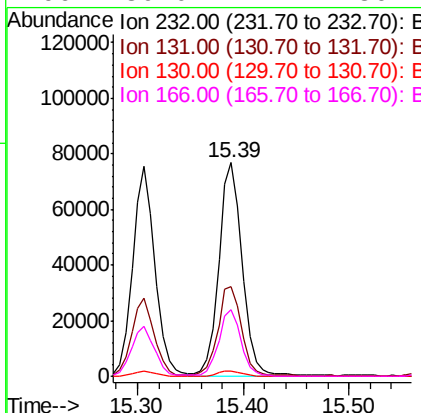
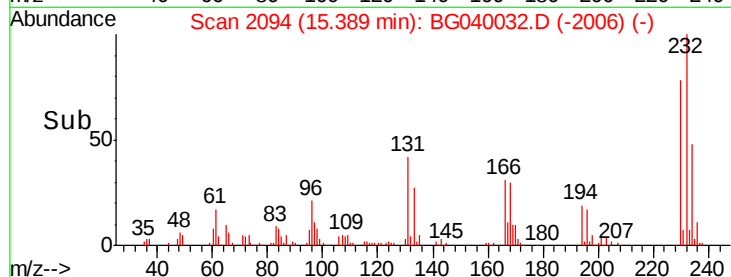
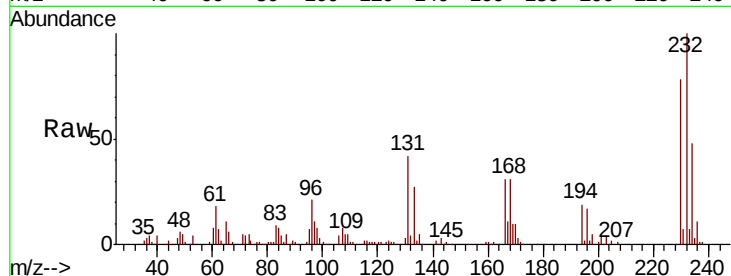
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.105 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampled :
TP-7MS

Tot Ion:	232	Resp:	118029
Ion Ratio	Lower	Upper	
232	100		
131	42.4	34.9	52.3
130	2.6	2.0	3.0
166	30.0	24.1	36.1

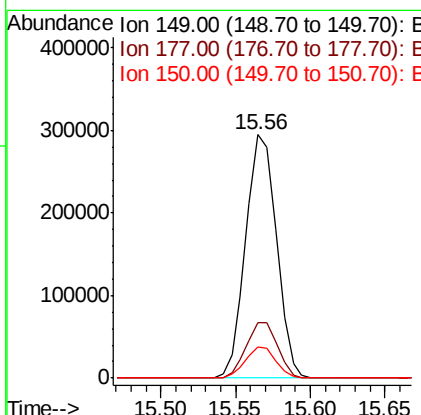
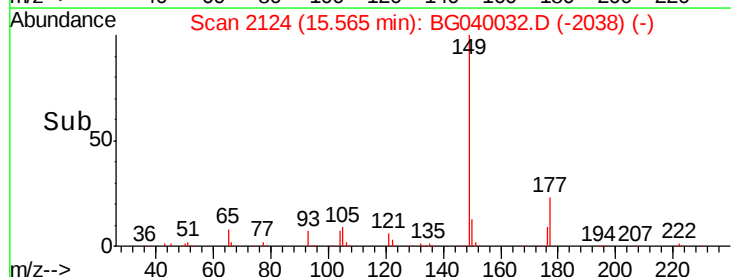
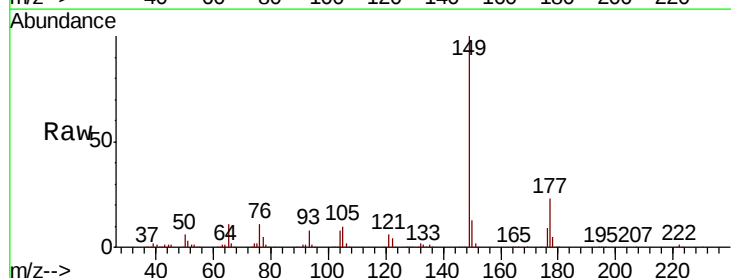
Manual Integrations
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#60
Diethylphthalate
Concen: 49.038 ng
RT: 15.56 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion:	149	Resp:	421143
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.3	27.5
150	12.9	10.2	15.2





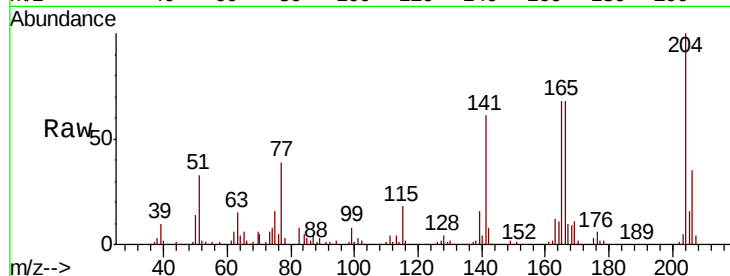
#61
4-Chlorophenyl-phenylether
Concen: 45.552 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampled :
TP-7MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	29.2	43.8
141	60.7	49.0	73.4

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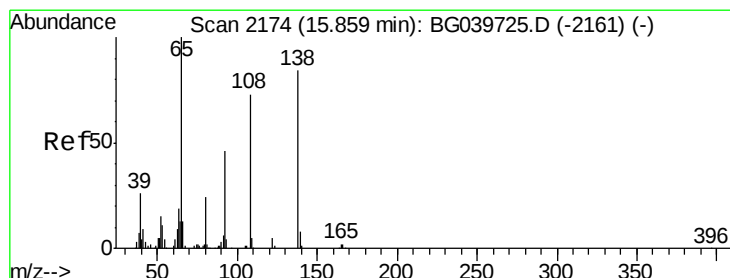
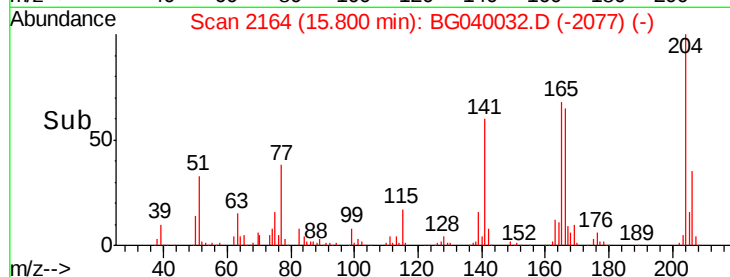
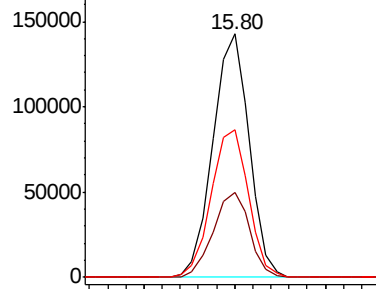


Abundance

Ion 204.00 (203.70 to 204.70): E

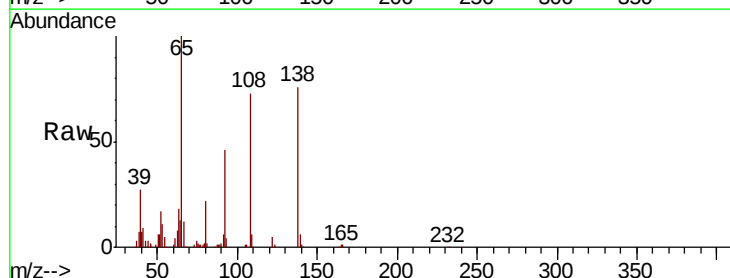
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.431 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.5	38.7	78.7
108	95.8	74.6	114.6

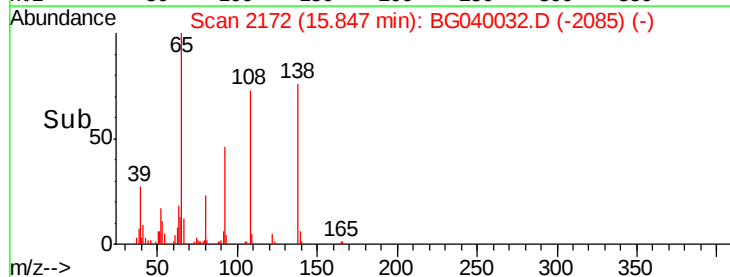
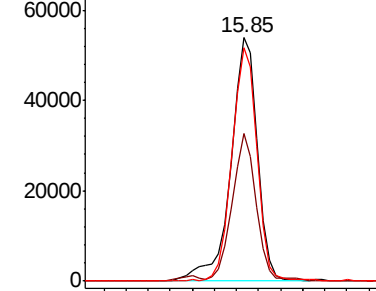


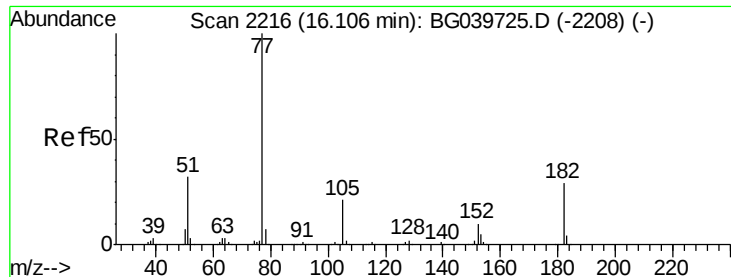
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





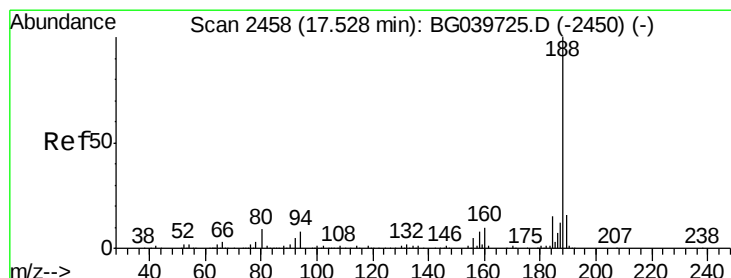
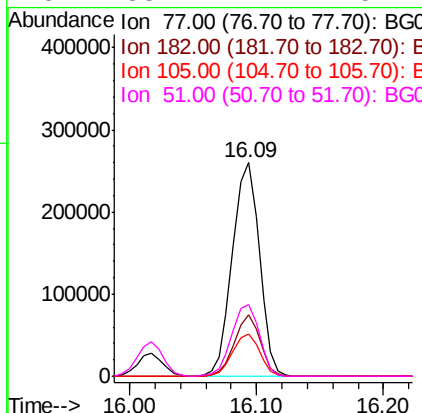
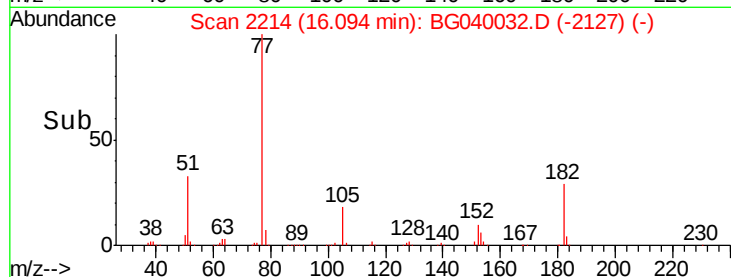
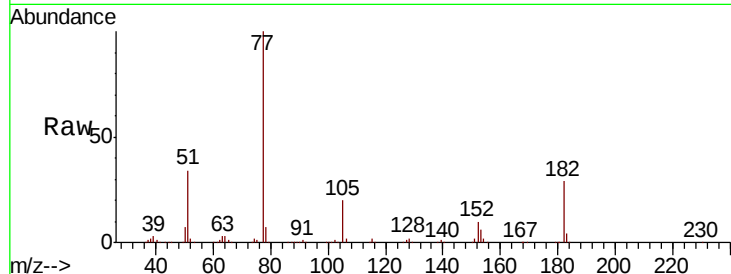
#63
Azobenzene
Concen: 49.353 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	6.4	46.4
105	20.1	0.0	39.8
51	33.7	14.1	54.1

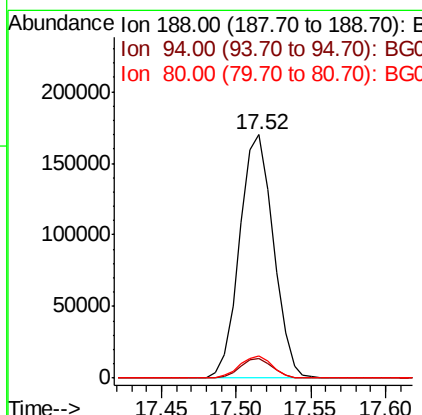
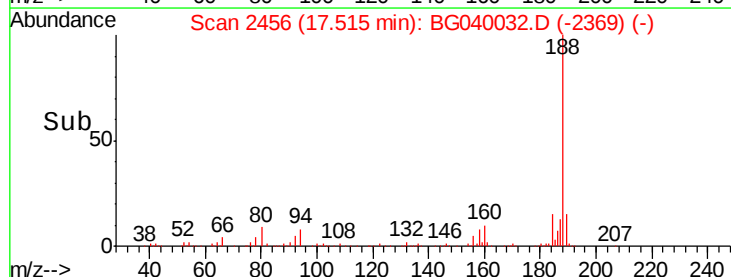
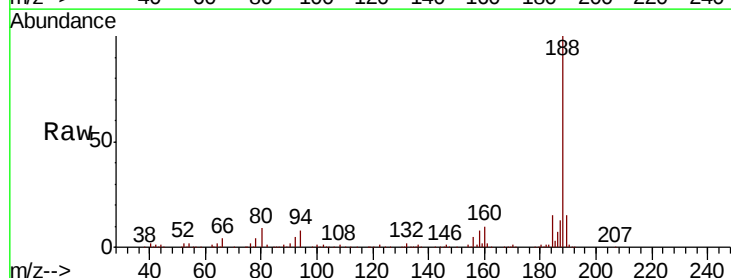
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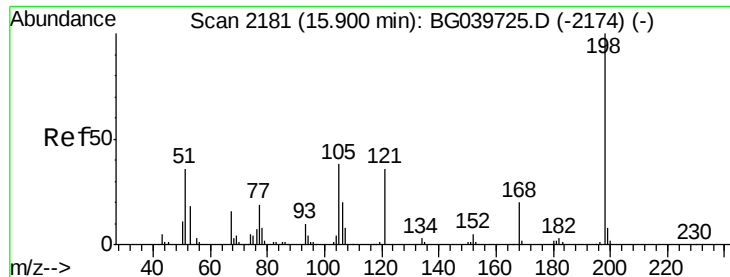
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.8	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 21.725 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

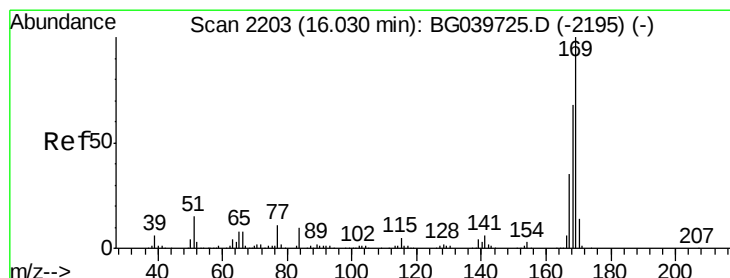
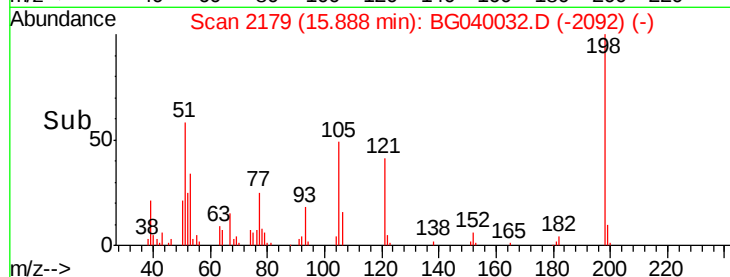
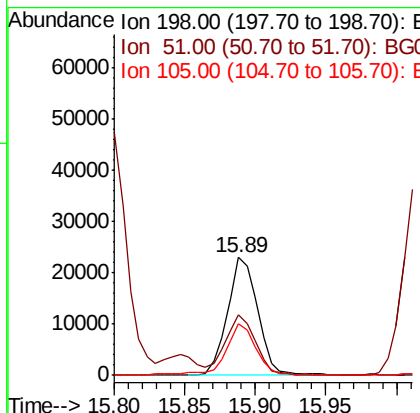
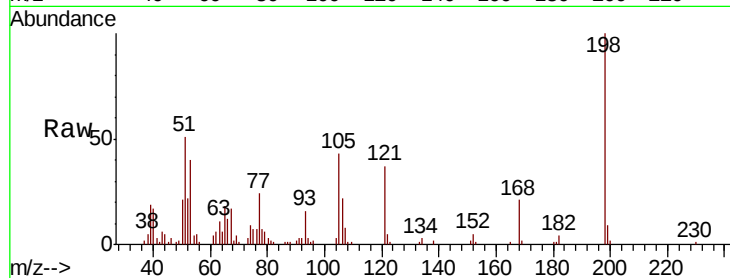
ClientSampled :

TP-7MS

Tot Ion:	198	Resp:	34321
Ion Ratio	Lower	Upper	
198	100		
51	51.2	27.4	67.4
105	43.4	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 45.864 ng

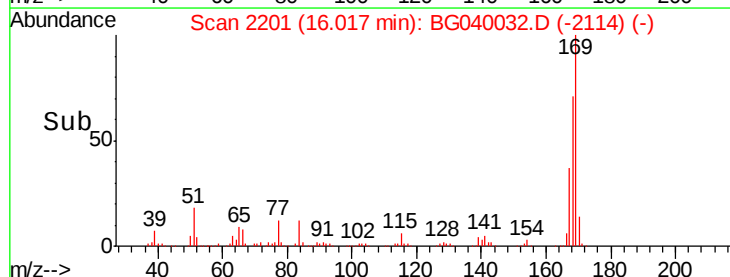
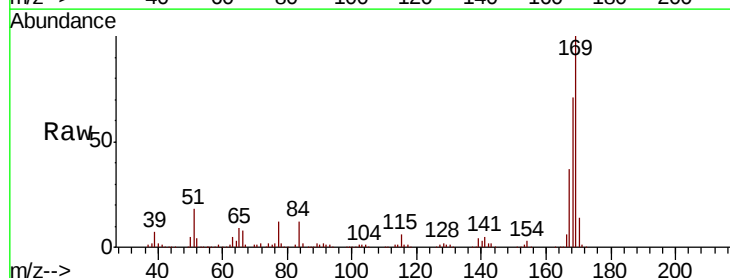
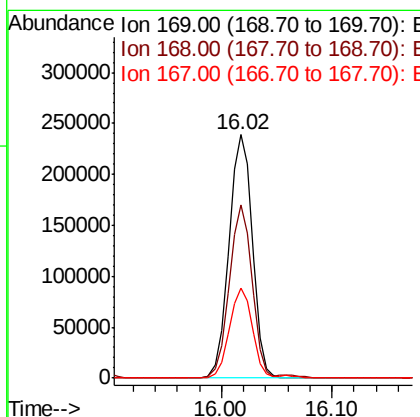
RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	169	Resp:	354756
Ion Ratio	Lower	Upper	
169	100		
168	71.3	56.6	85.0
167	36.9	28.8	43.2





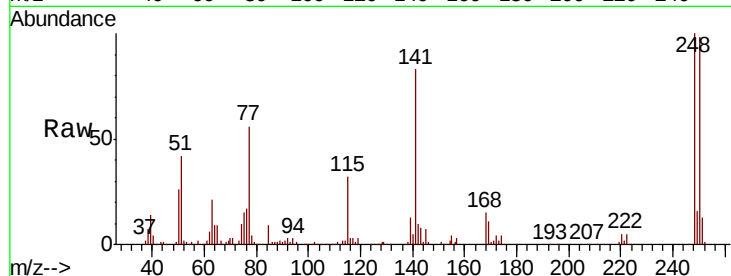
#67
4-Bromophenyl-phenylether
Concen: 44.376 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampled :
TP-7MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.6	116.4
141	82.7	63.9	95.9

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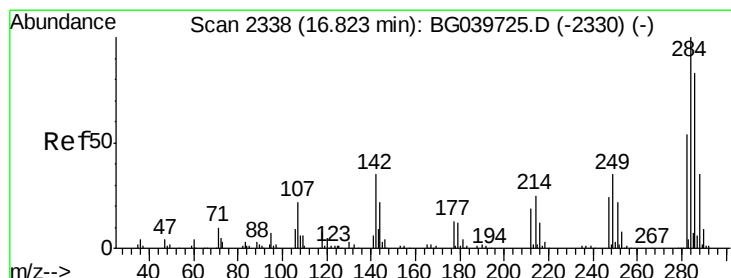
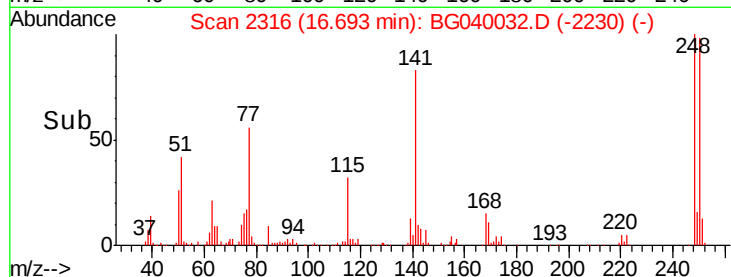
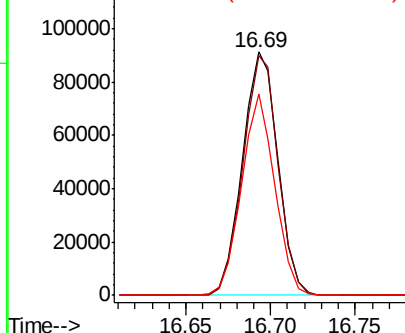


Abundance

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: 43.652 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

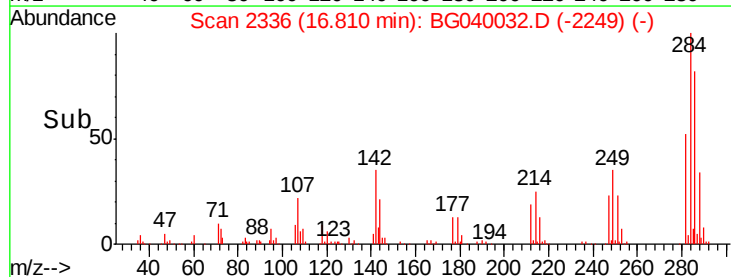
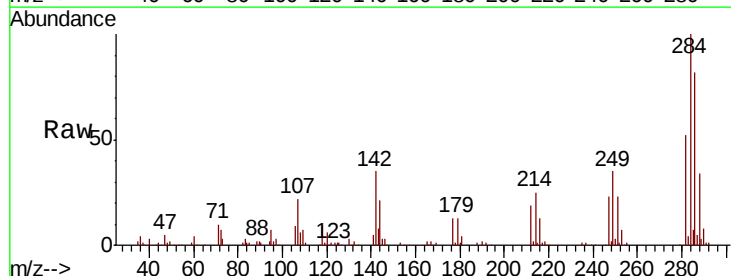
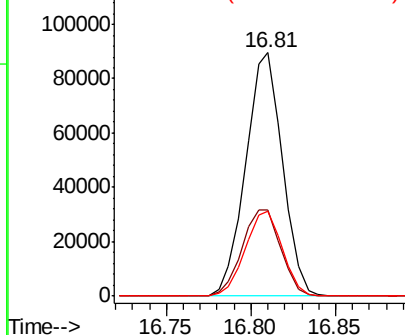
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	30.6	45.8
249	35.1	28.2	42.2

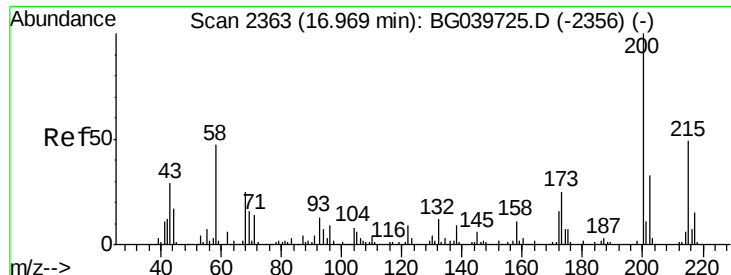
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





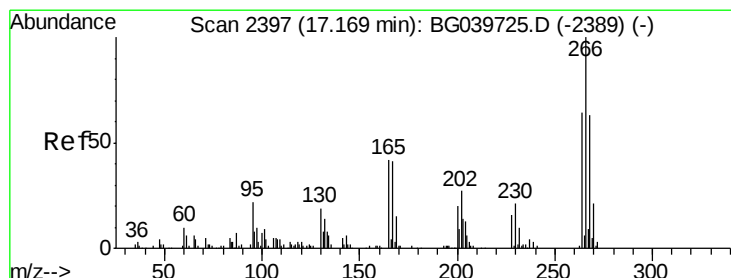
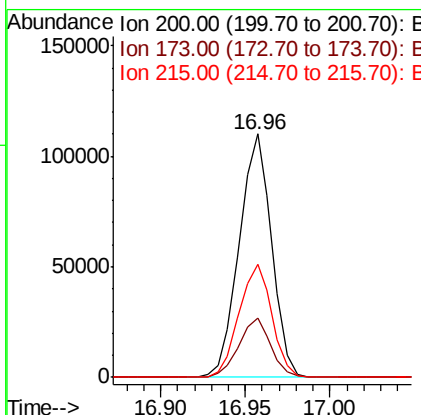
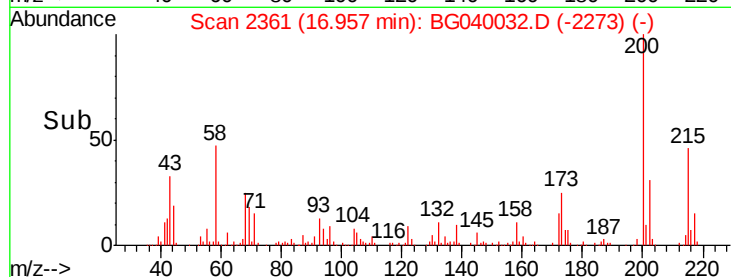
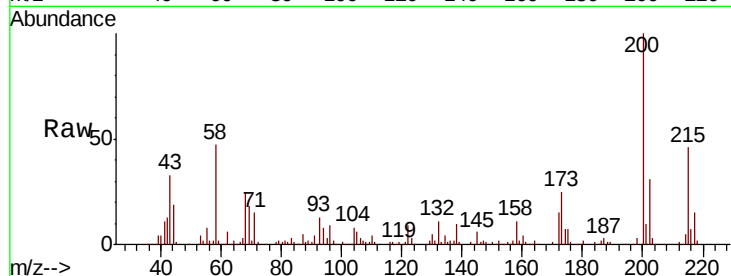
#69
Atrazine
Concen: 48.191 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampled :
TP-7MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.6	3.9	43.9
215	46.2	30.9	70.9

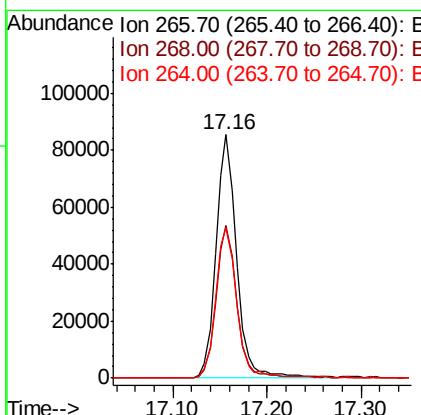
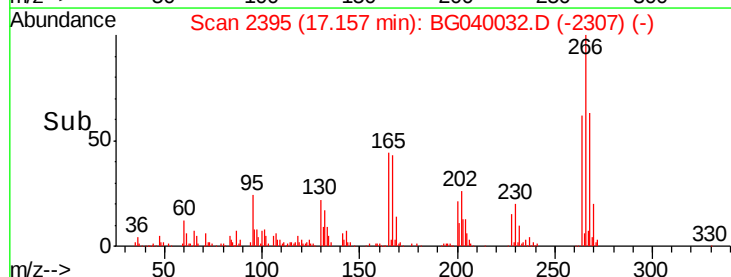
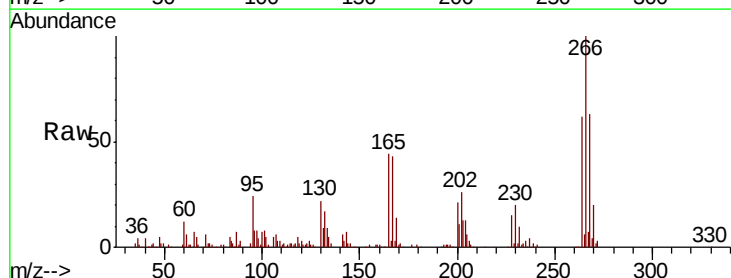
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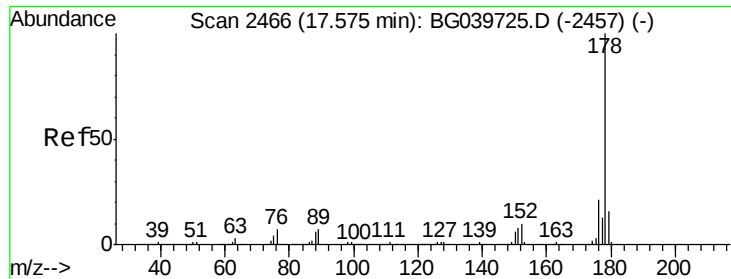
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#70
Pentachlorophenol
Concen: 67.267 ng
RT: 17.16 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.5	52.1	78.1





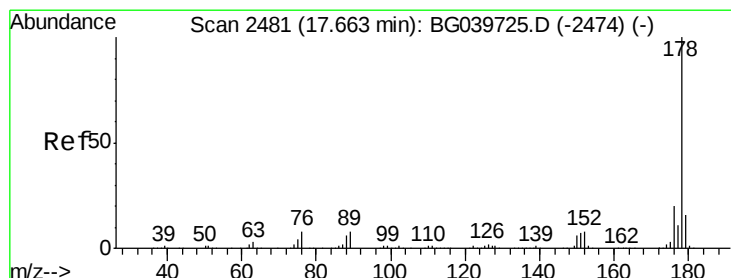
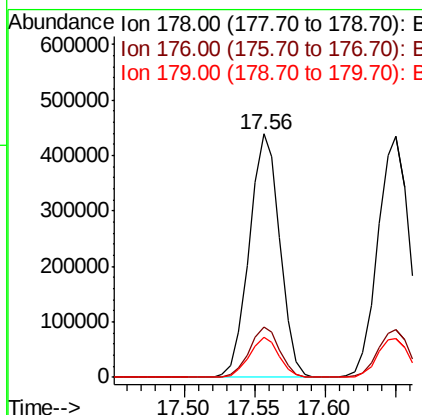
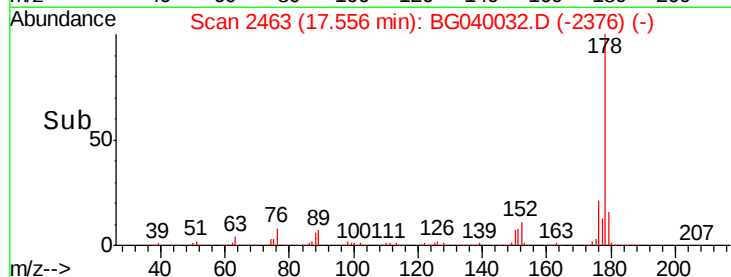
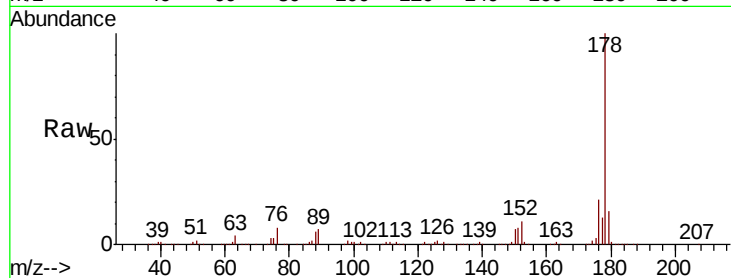
#71
Phenanthrene
Concen: 45.397 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.5	12.6	19.0

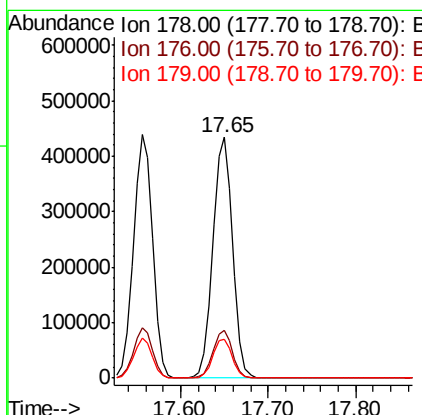
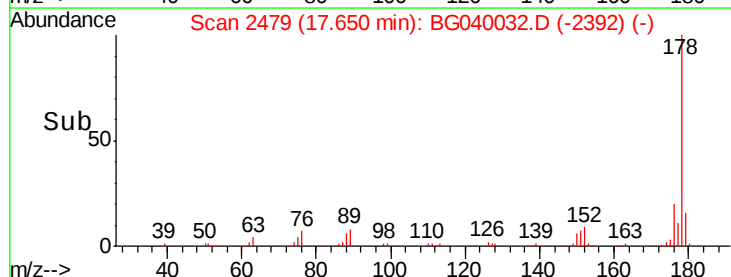
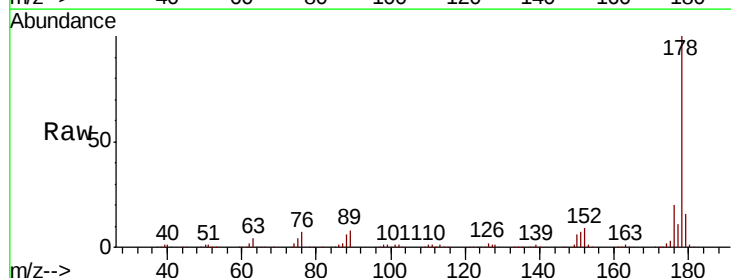
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#72
Anthracene
Concen: 47.069 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.3	12.5	18.7





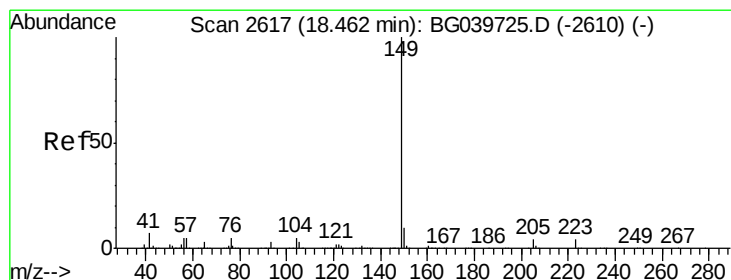
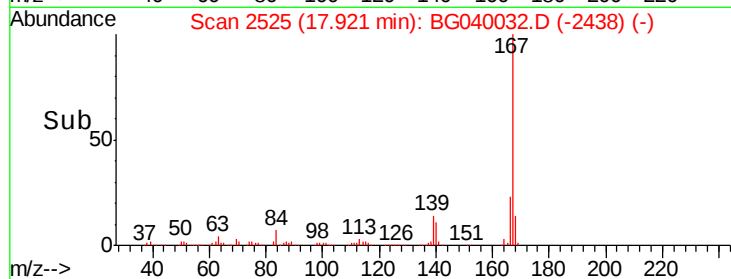
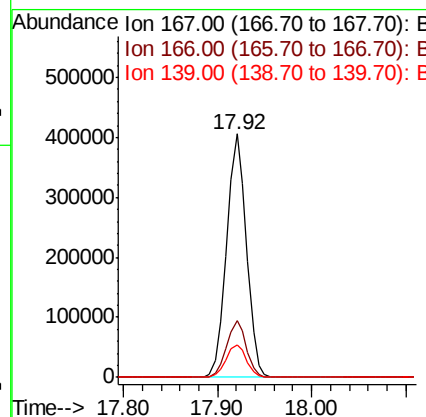
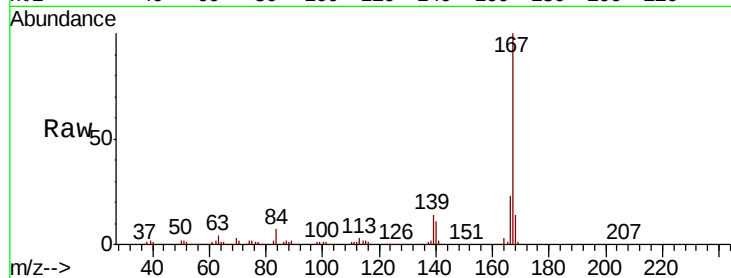
#73
 Carbazole
 Concen: 46.027 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampled :
 TP-7MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.5	10.8	16.2

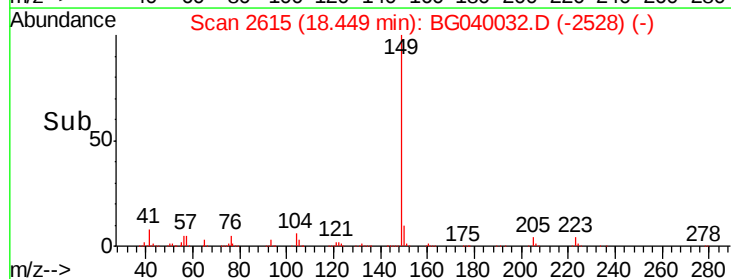
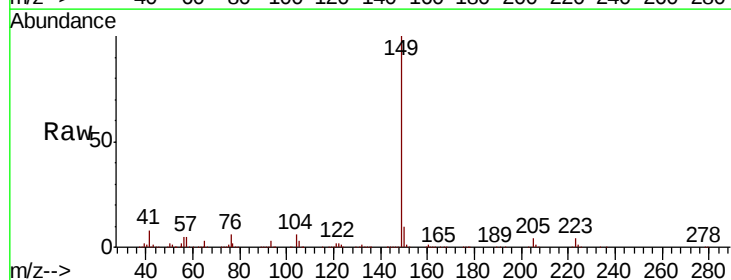
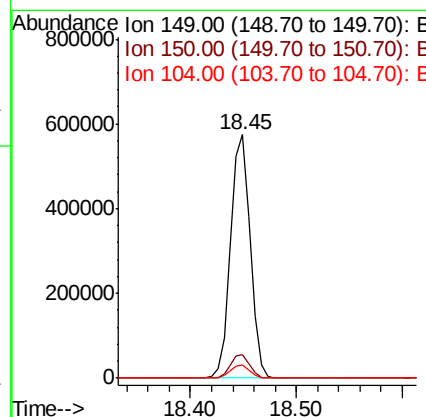
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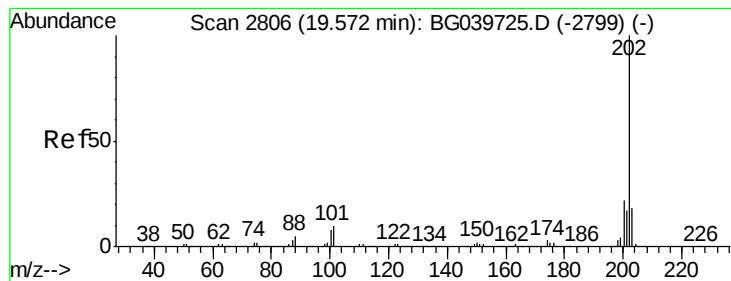
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#74
 Di-n-butylphthalate
 Concen: 48.024 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.6	4.5	6.7





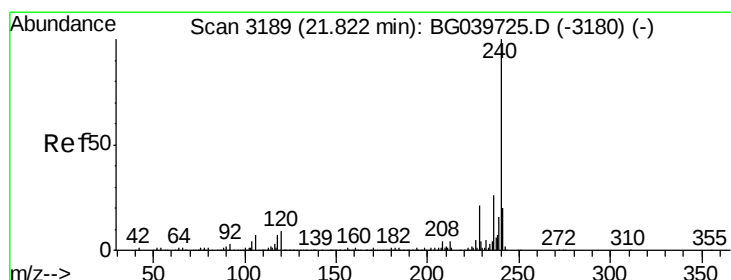
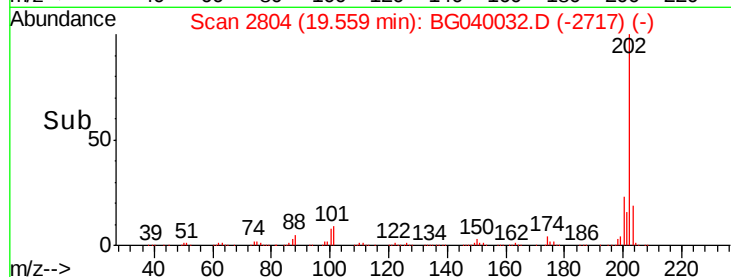
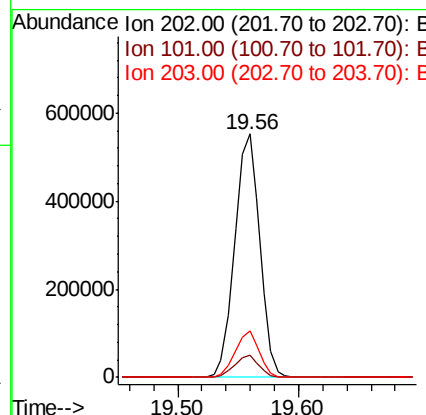
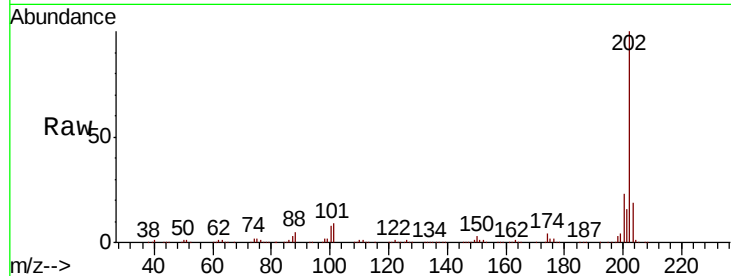
#75
 Fluoranthene
 Concen: 45.730 ng
 RT: 19.56 min Scan# 2804
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	30.0
203	18.8	0.0	38.9

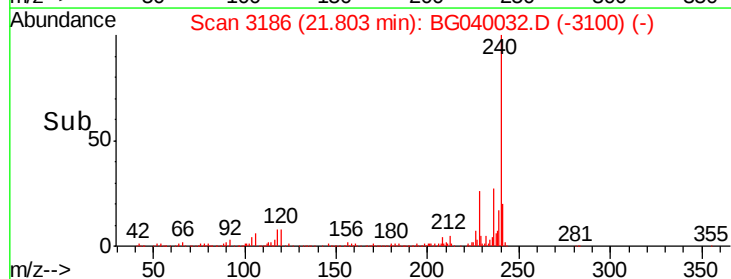
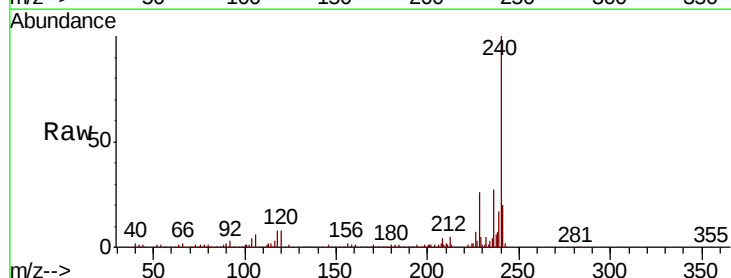
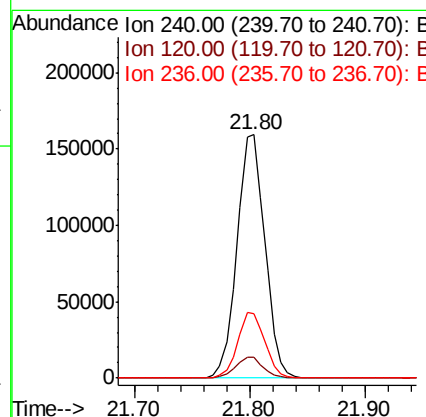
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.4	7.0	10.6
236	26.6	21.0	31.4





#77

Benzidine

Concen: 6.847 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

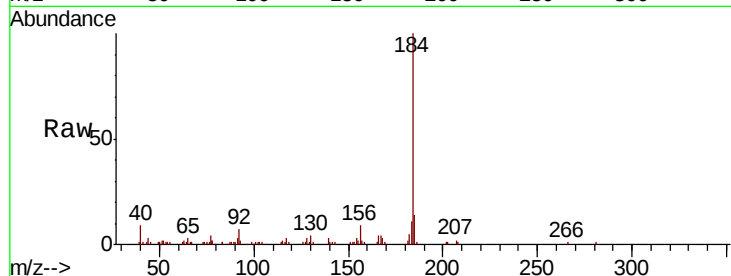
ClientSampled :

TP-7MS

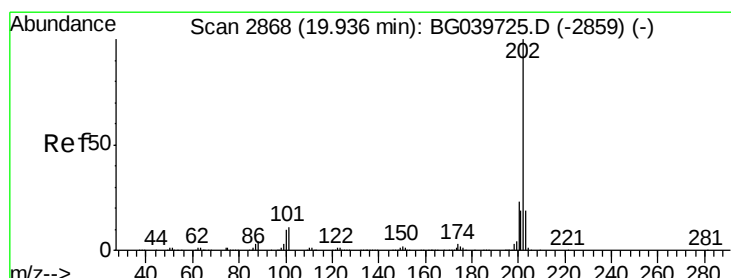
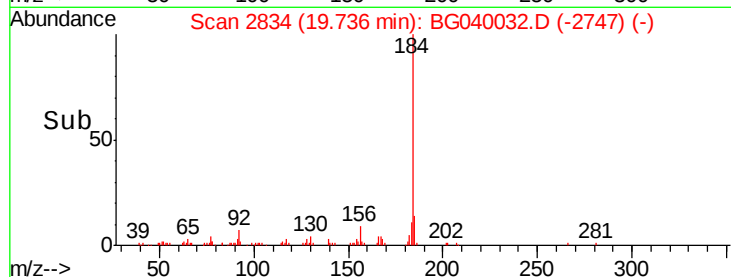
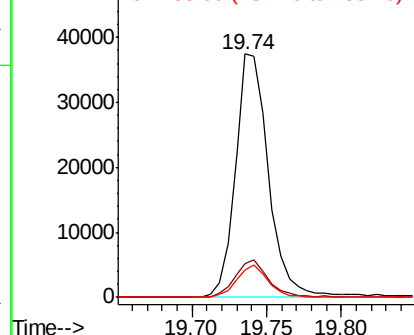
Tot Ion:	184	Resp:	57841
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.2	18.2
183	11.2	10.6	15.8

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.187 ng

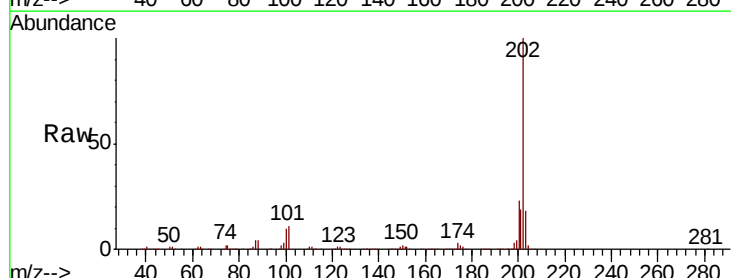
RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

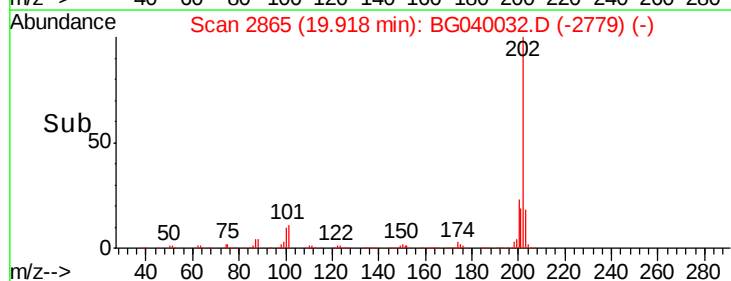
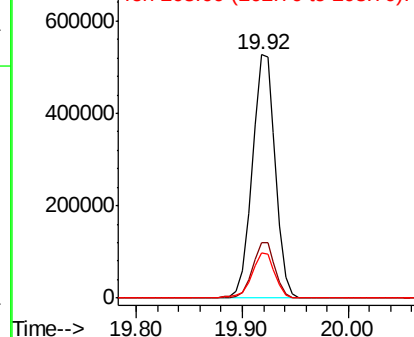
Lab File: BG040032.D

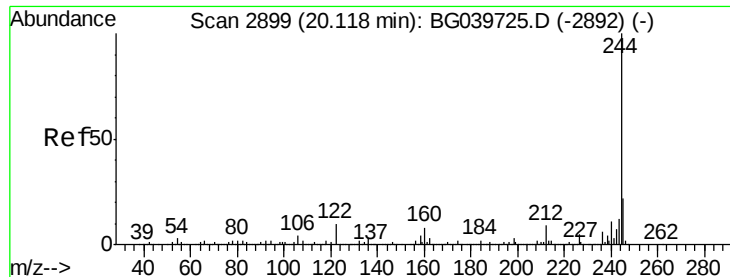
Acq: 20 Mar 2019 10:33

Tgt Ion:	202	Resp:	798919
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	18.5	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





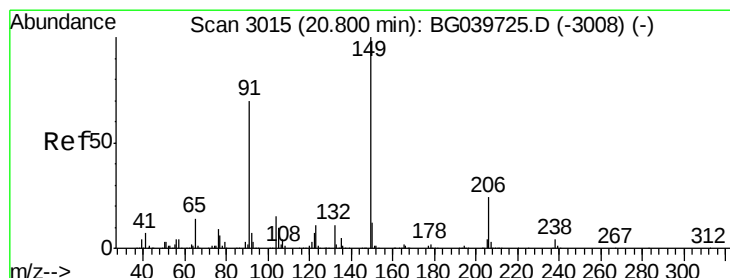
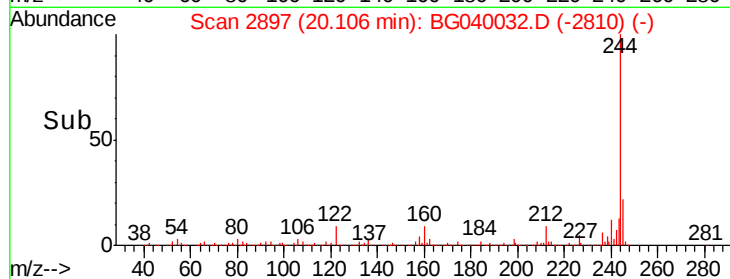
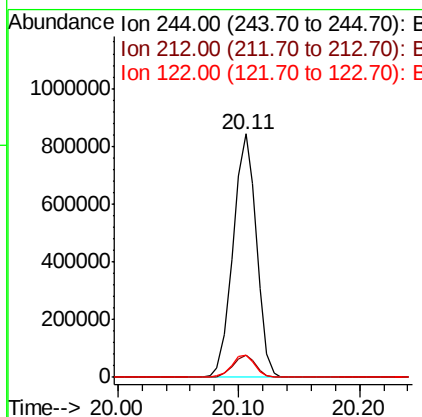
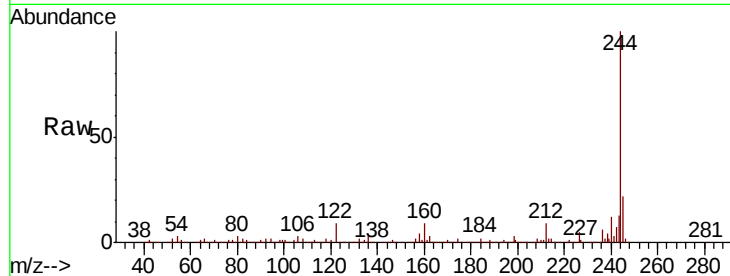
#79
 Terphenyl-d14
 Concen: 93.813 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampled :
 TP-7MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.1	8.4	12.6

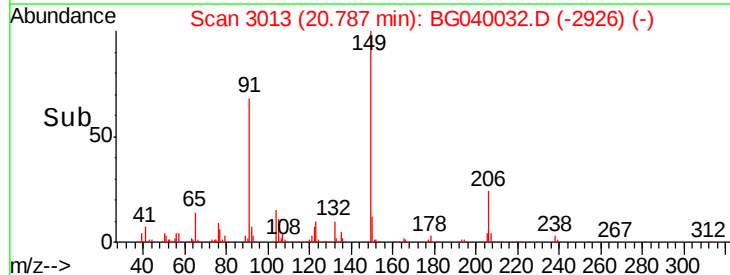
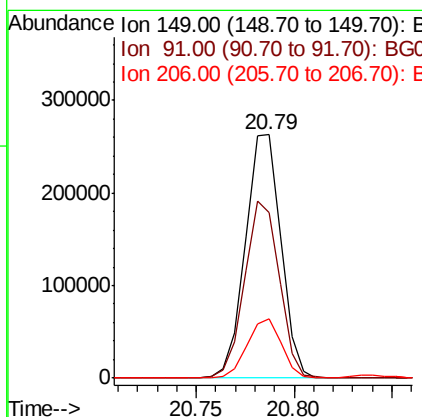
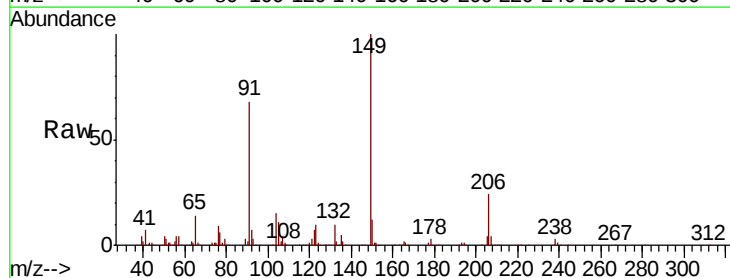
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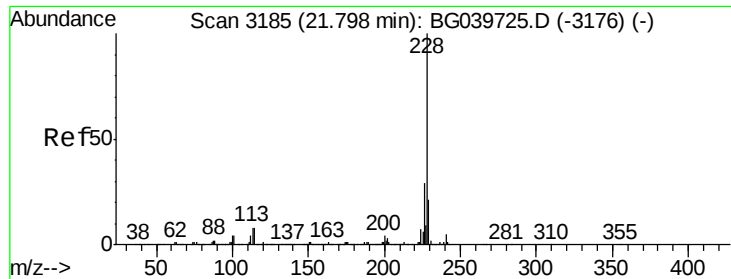
Sohil
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#80
 Butylbenzylphthalate
 Concen: 49.661 ng
 RT: 20.79 min Scan# 3013
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	59.5	89.3
206	24.1	18.6	27.8





#81

Benzo(a)anthracene

Concen: 45.239 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

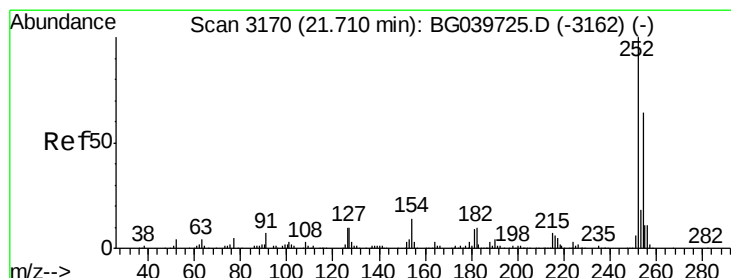
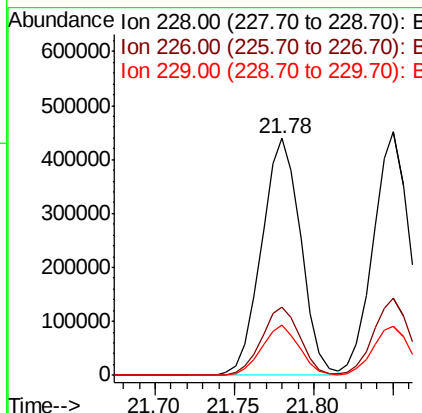
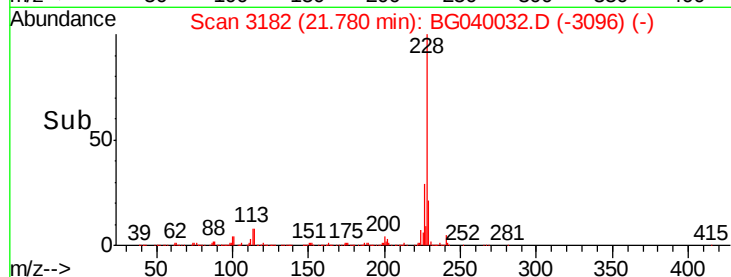
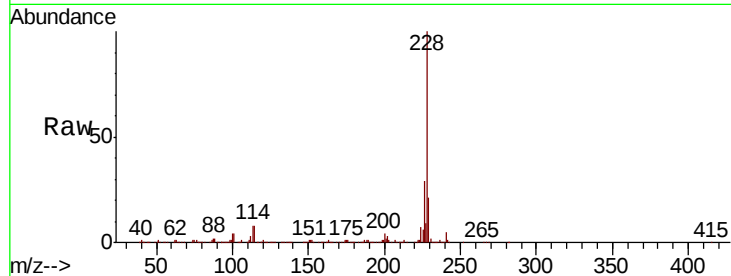
ClientSampleId :

TP-7MS

Tot Ion:	228	Resp:	754715
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.0	34.6
229	21.0	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 12.756 ng

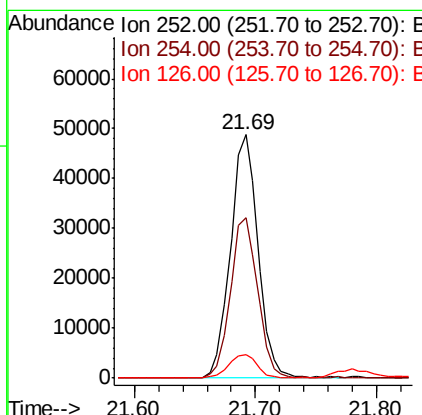
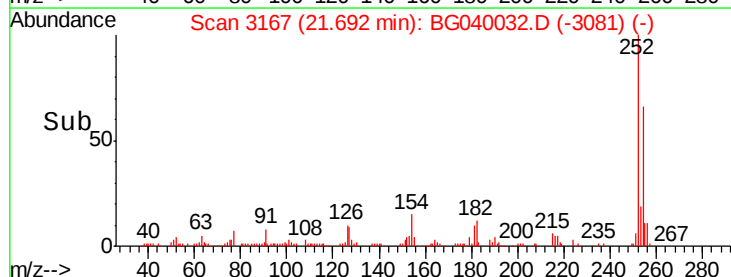
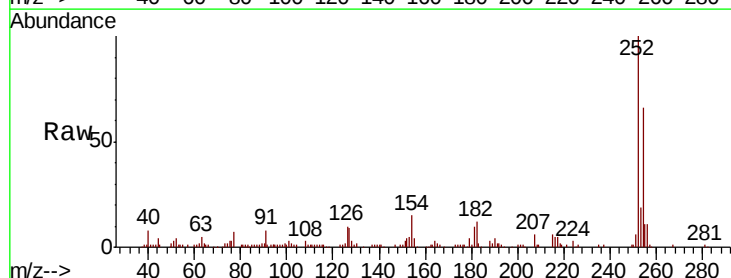
RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	252	Resp:	77698
Ion Ratio	Lower	Upper	
252	100		
254	65.9	51.3	76.9
126	9.7	8.0	12.0





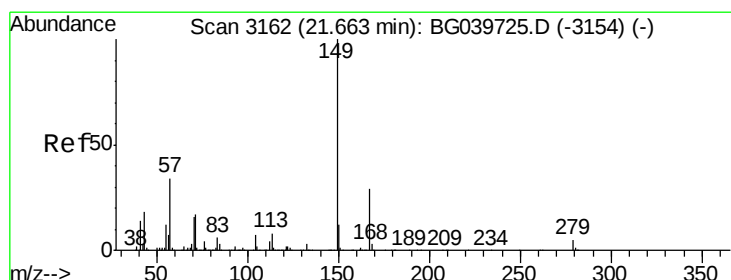
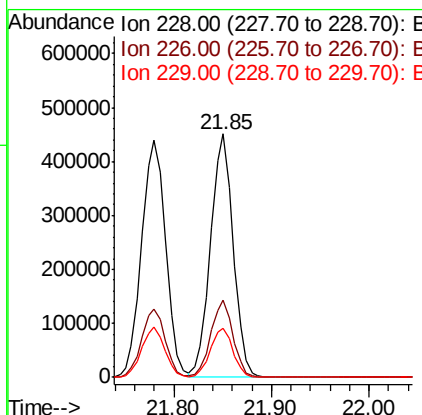
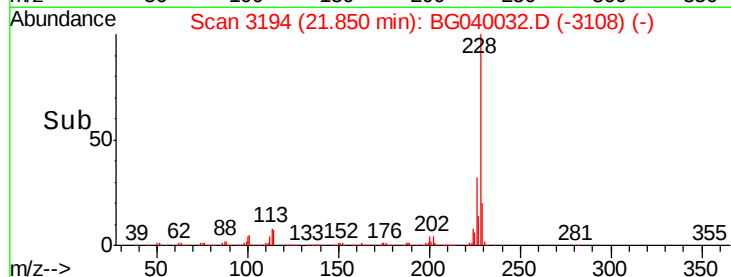
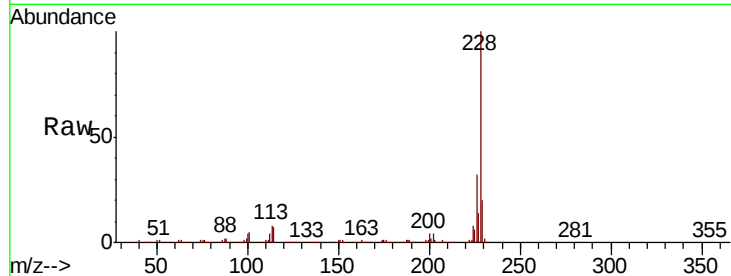
#83
 Chrysene
 Concen: 44.717 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Tot Ion:228	Resp:	723247
Ion Ratio	Lower	Upper
228 100		
226 31.9	25.8	38.6
229 20.3	16.6	25.0

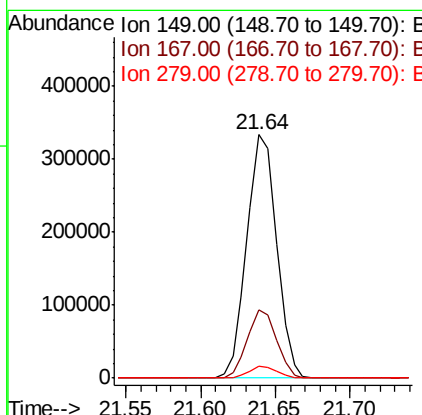
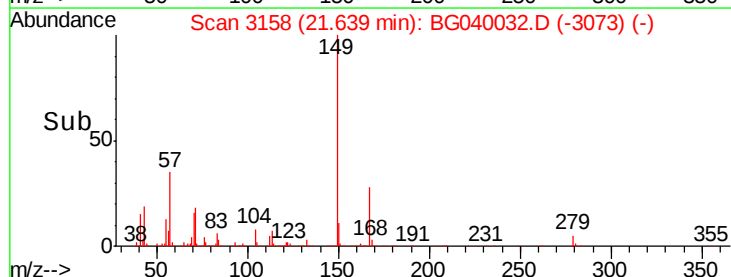
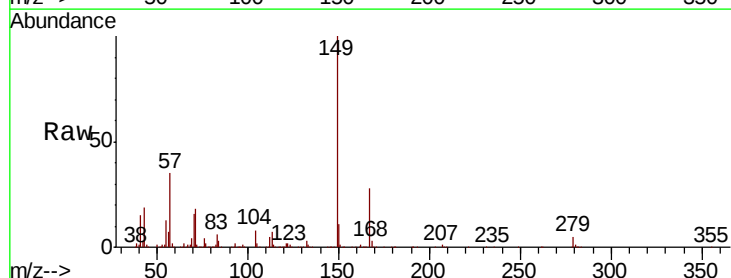
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.072 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG040032.D
 Acq: 20 Mar 2019 10:33

Tgt Ion:149	Resp:	462121
Ion Ratio	Lower	Upper
149 100		
167 27.9	22.6	34.0
279 4.8	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 50.732 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.04 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

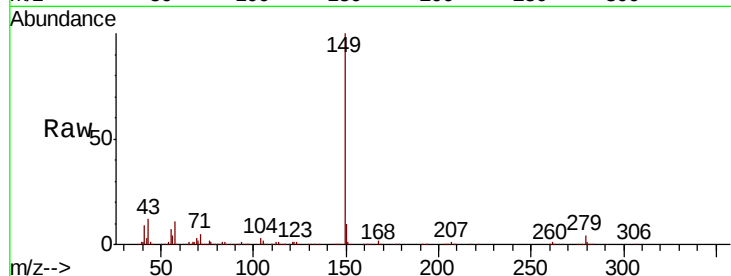
ClientSampleId :

TP-7MS

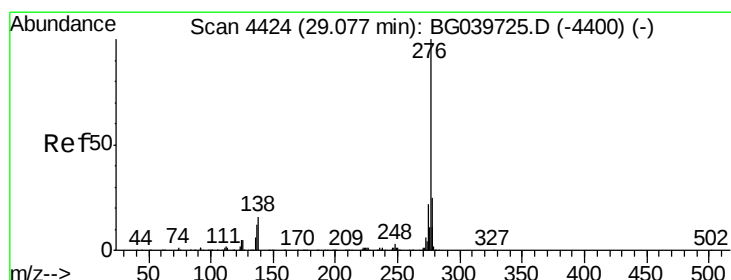
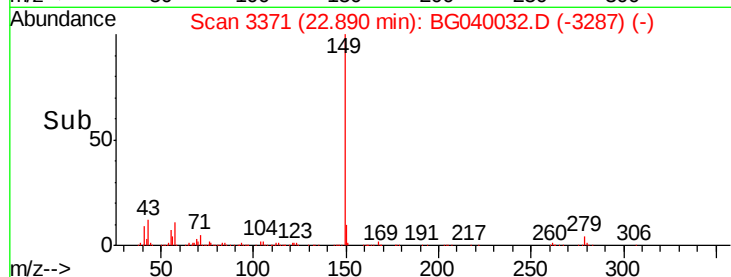
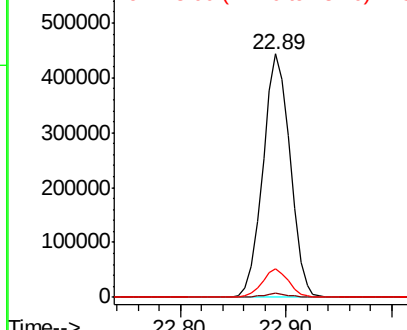
Tot Ion:	149	Resp:	791045
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.4	10.2	15.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.483 ng

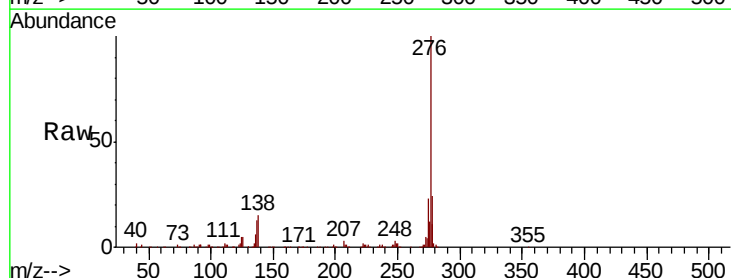
RT: 29.02 min Scan# 4414

Delta R.T. -0.07 min

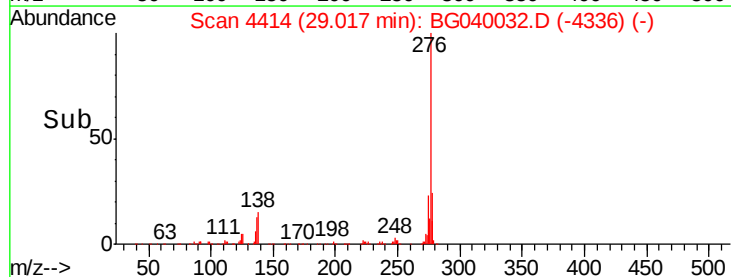
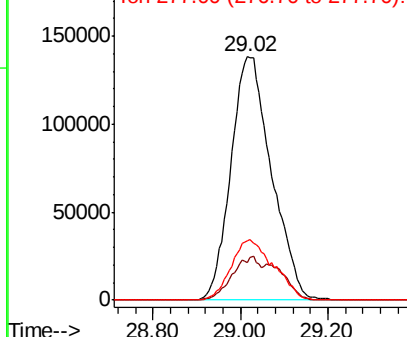
Lab File: BG040032.D

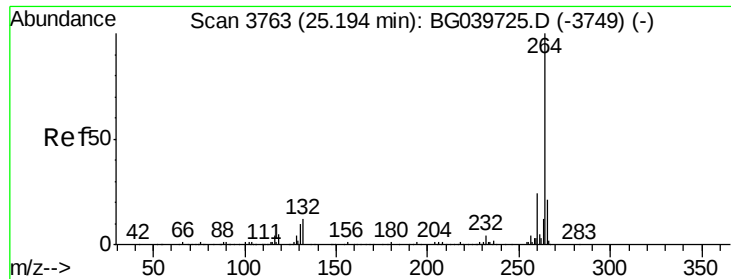
Acq: 20 Mar 2019 10:33

Tgt Ion:	276	Resp:	871231
Ion Ratio	Lower	Upper	
276	100		
138	11.9	12.6	19.0#
277	26.0	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Instrument :

BNA_G

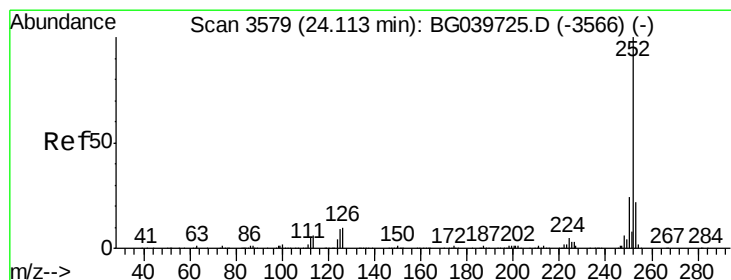
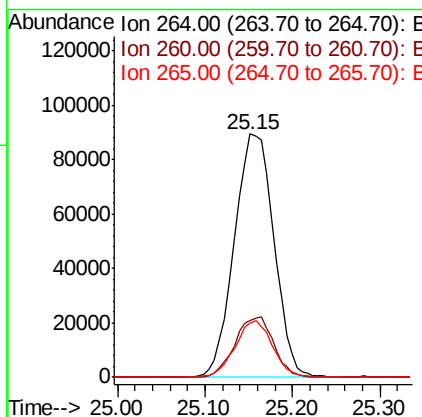
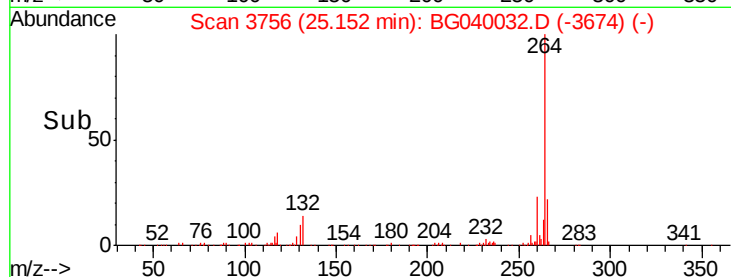
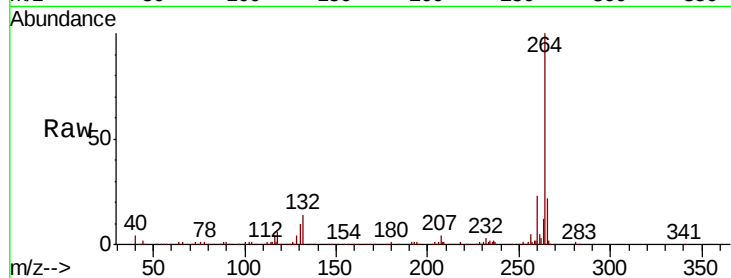
ClientSampleId :

TP-7MS

Tot Ion:	264	Resp:	274870
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.4
265	22.3	18.5	27.7

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#88

Benzo(b)fluoranthene

Concen: 46.885 ng

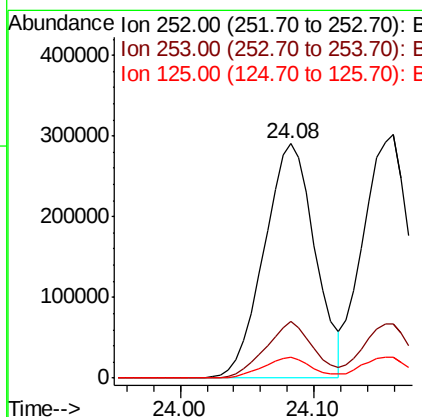
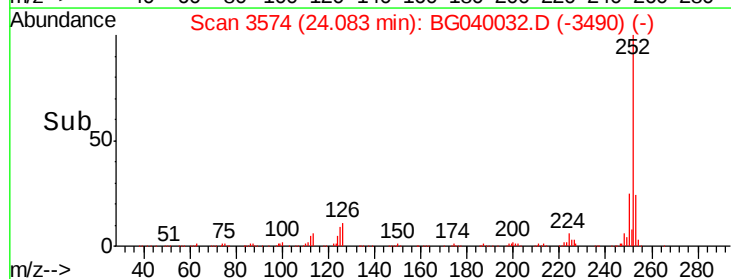
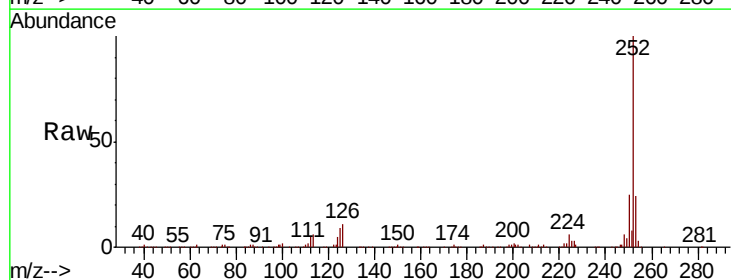
RT: 24.08 min Scan# 3574

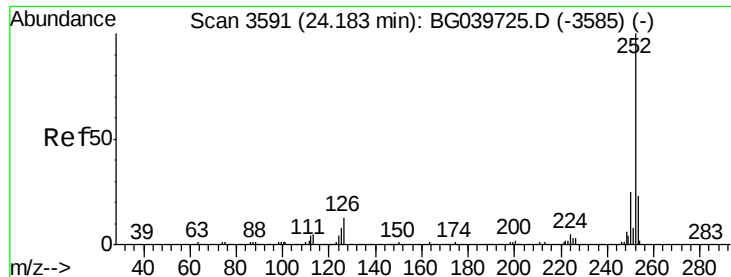
Delta R.T. -0.04 min

Lab File: BG040032.D

Acq: 20 Mar 2019 10:33

Tgt Ion:	252	Resp:	768499
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	8.8	7.8	11.6





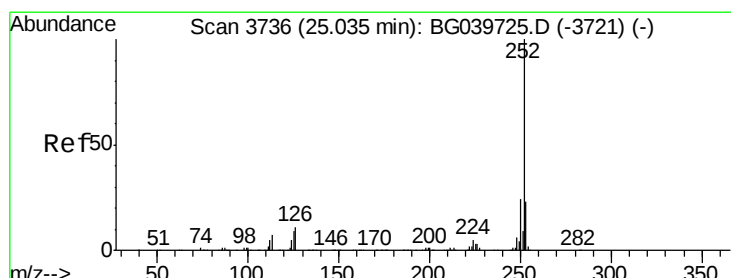
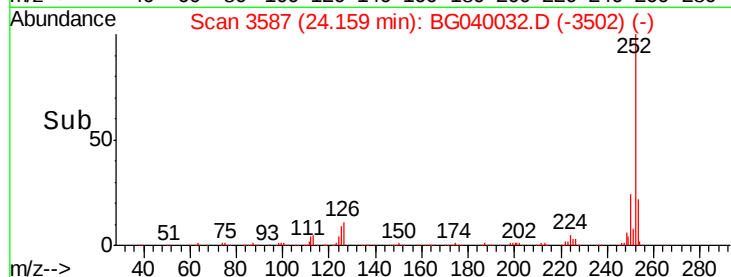
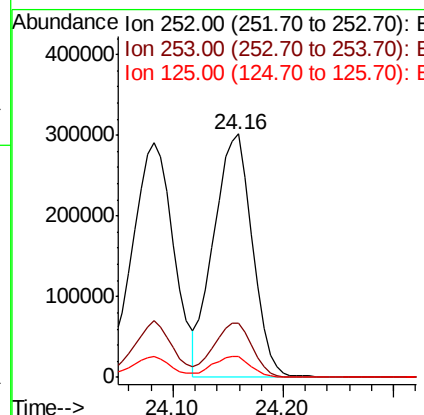
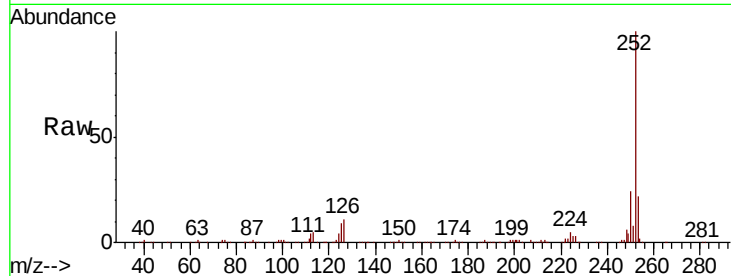
#89
Benzo(k)fluoranthene
Concen: 47.996 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.6	7.4	11.2

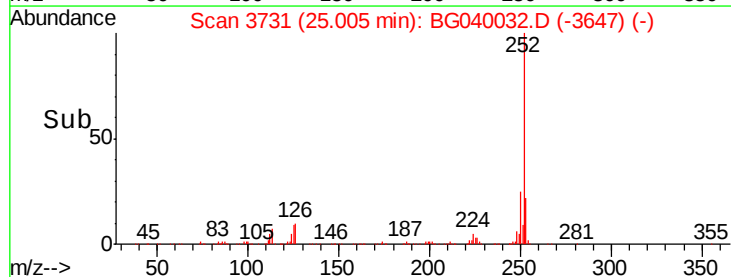
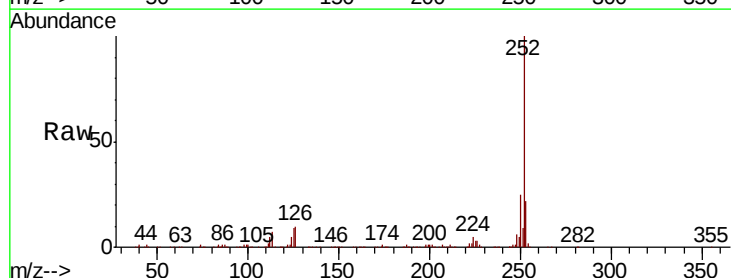
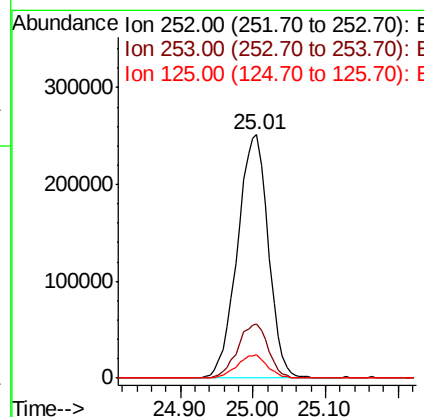
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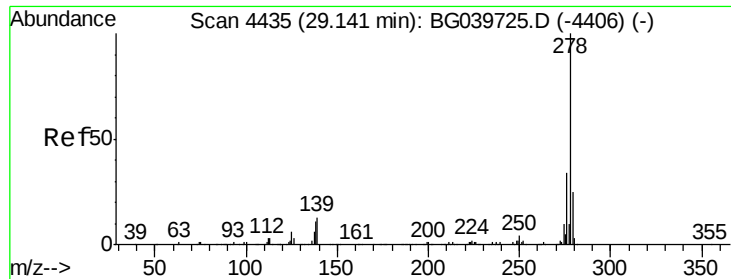
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#90
Benzo(a)pyrene
Concen: 49.059 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.4	8.3	12.5





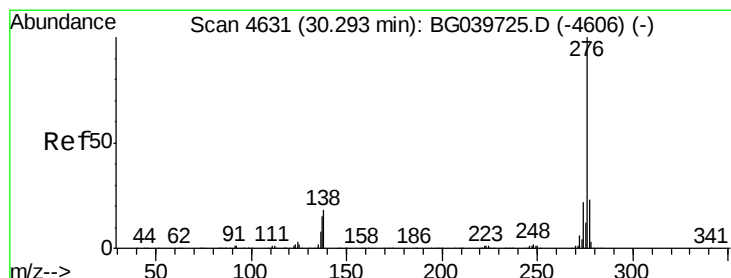
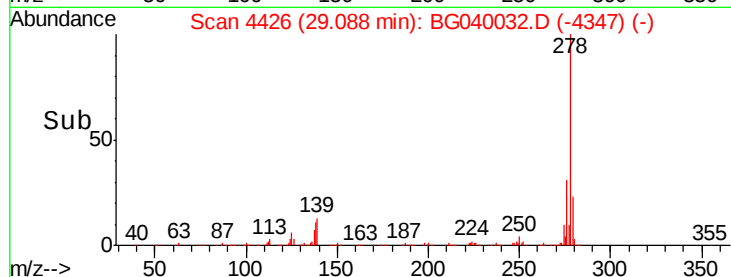
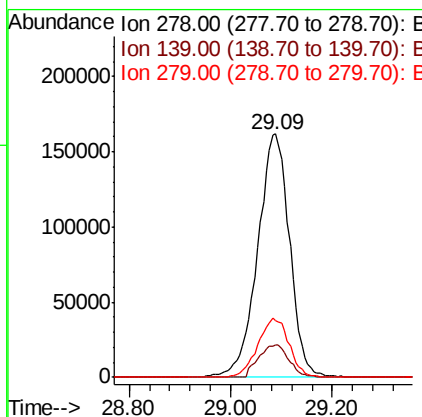
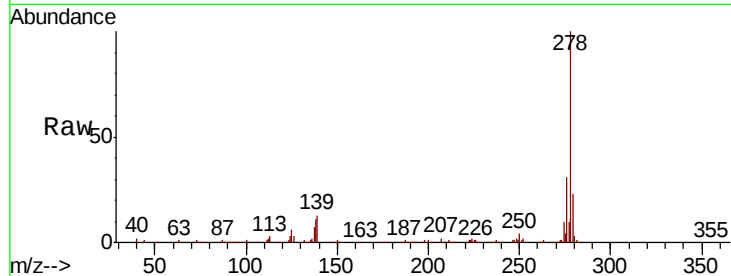
#91
Dibenzo(a,h)anthracene
Concen: 47.685 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.7	17.5
279	23.4	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.579 ng
RT: 30.25 min Scan# 4623
Delta R.T. -0.07 min
Lab File: BG040032.D
Acq: 20 Mar 2019 10:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	17.0	14.7	22.1

