

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
 Data File : BG040068.D
 Acq On : 21 Mar 2019 16:31
 Operator : JU/SJ
 Sample : PB118155BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Manual Integrations
 APPROVED

Sohil
 3/22/2019 3:59:49 PM

Quant Time: Mar 22 03:59:32 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	42169	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	195118	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	139012	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	332765	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	311238	20.00	ng	-0.02
87) Perylene-d12	25.17	264	306860	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	391443	158.36	ng	-0.02
7) Phenol-d6	7.30	99	570049	154.67	ng	-0.01
23) Nitrobenzene-d5	9.33	82	339511	94.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	233014	143.81	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	842927	86.34	ng	-0.02
79) Terphenyl-d14	20.11	244	1249384	88.39	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	32521	28.498	ng	97
3) Pyridine	3.98	79	96349	31.537	ng	96
4) n-Nitrosodimethylamine	3.90	42	56975	39.312	ng	89
6) Aniline	7.47	93	130402	27.006	ng	98
8) 2-Chlorophenol	7.71	128	132904	44.320	ng	96
9) Benzaldehyde	7.28	77	65427	27.520	ng	98
10) Phenol	7.32	94	185280	46.405	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	126348	40.588	ng	94
12) 1,3-Dichlorobenzene	8.03	146	131085	38.651	ng	97
13) 1,4-Dichlorobenzene	8.18	146	135560	39.241	ng	98
14) 1,2-Dichlorobenzene	8.50	146	133003	39.848	ng	98
15) Benzyl Alcohol	8.39	79	127928	43.757	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	240489	38.627	ng	97
17) 2-Methylphenol	8.58	107	120359	47.276	ng	95
18) Hexachloroethane	9.23	117	48742	39.322	ng	97
19) n-Nitroso-di-n-propylamine	8.94	70	106976	40.326	ng	# 99
20) 3+4-Methylphenols	8.91	107	164629	46.547	ng	# 99
22) Acetophenone	8.97	105	208240	39.764	ng	# 93
24) Nitrobenzene	9.37	77	160228	42.336	ng	97
25) Isophorone	9.88	82	313598	41.485	ng	98
26) 2-Nitrophenol	10.08	139	81601	44.656	ng	98
27) 2,4-Dimethylphenol	10.12	122	139214	48.985	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	190305	41.427	ng	98
29) 2,4-Dichlorophenol	10.61	162	154866	48.399	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	150302	41.744	ng	99
31) Naphthalene	11.02	128	429583	41.583	ng	100
32) Benzoic acid	10.26	122	73663	39.159	ng	97
33) 4-Chloroaniline	11.13	127	66177	15.107	ng	97
34) Hexachlorobutadiene	11.28	225	99234	40.332	ng	95
35) Caprolactam	11.92	113	55059m	45.045	ng	
36) 4-Chloro-3-methylphenol	12.23	107	170766	46.556	ng	98
37) 2-Methylnaphthalene	12.61	142	335630	43.456	ng	98
38) 1-Methylnaphthalene	12.83	142	321531	42.838	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	188579	40.043	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	237642	94.161	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	130753	47.424	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	141400	45.499	ng	97
46) 1,1'-Biphenyl	13.61	154	456458	39.923	ng	98
47) 2-Chloronaphthalene	13.66	162	359344	41.778	ng	99
48) 2-Nitroaniline	13.87	65	122781	44.418	ng	98
49) Acenaphthylene	14.50	152	579618	41.049	ng	100
50) Dimethylphthalate	14.22	163	478257	41.144	ng	99
51) 2,6-Dinitrotoluene	14.36	165	109977	44.629	ng	95
52) Acenaphthene	14.84	154	349111	41.079	ng	98
53) 3-Nitroaniline	14.68	138	53803	21.720	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	75583	50.697	ng	96
55) Dibenzofuran	15.17	168	575062	41.243	ng	99
56) 4-Nitrophenol	14.99	139	173986	78.516	ng	89
57) 2,4-Dinitrotoluene	15.14	165	157301	45.429	ng	# 85
58) Fluorene	15.82	166	460667	42.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	140438	46.271	ng	98
60) Diethylphthalate	15.57	149	495208	43.035	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	247407	42.297	ng	96
62) 4-Nitroaniline	15.85	138	109559	40.797	ng	93
63) Azobenzene	16.09	77	442850	42.456	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	75525	38.386	ng	98
66) n-Nitrosodiphenylamine	16.02	169	424724	44.088	ng	97
67) 4-Bromophenyl-phenylether	16.69	248	156984	42.146	ng	97
68) Hexachlorobenzene	16.81	284	164913	42.713	ng	97
69) Atrazine	16.96	200	152751	40.288	ng	97
70) Pentachlorophenol	17.16	266	202087	82.877	ng	98
71) Phenanthrene	17.56	178	759221	41.422	ng	99
72) Anthracene	17.65	178	769853	43.101	ng	98
73) Carbazole	17.93	167	659051	40.929	ng	99
74) Di-n-butylphthalate	18.45	149	806787	42.585	ng	100
75) Fluoranthene	19.56	202	877196	40.495	ng	99
77) Benzidine	19.74	184	225528	22.835	ng	97
78) Pyrene	19.92	202	872612	43.146	ng	99
80) Butylbenzylphthalate	20.79	149	367047	46.844	ng	95
81) Benzo(a)anthracene	21.79	228	836013	42.859	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	154524	21.698	ng	98
83) Chrysene	21.85	228	778344	41.159	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	503889	45.763	ng	99
85) Di-n-octyl phthalate	22.90	149	853456	46.813	ng	95
86) Indeno(1,2,3-cd)pyrene	29.04	276	924776	43.107	ng	98
88) Benzo(b)fluoranthene	24.09	252	810324	44.283	ng	99
89) Benzo(k)fluoranthene	24.16	252	775972	45.556	ng	99
90) Benzo(a)pyrene	25.01	252	791228	46.793	ng	99
91) Dibenzo(a,h)anthracene	29.11	278	749866	45.236	ng	98
92) Benzo(g,h,i)perylene	30.26	276	772358	46.392	ng	97

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

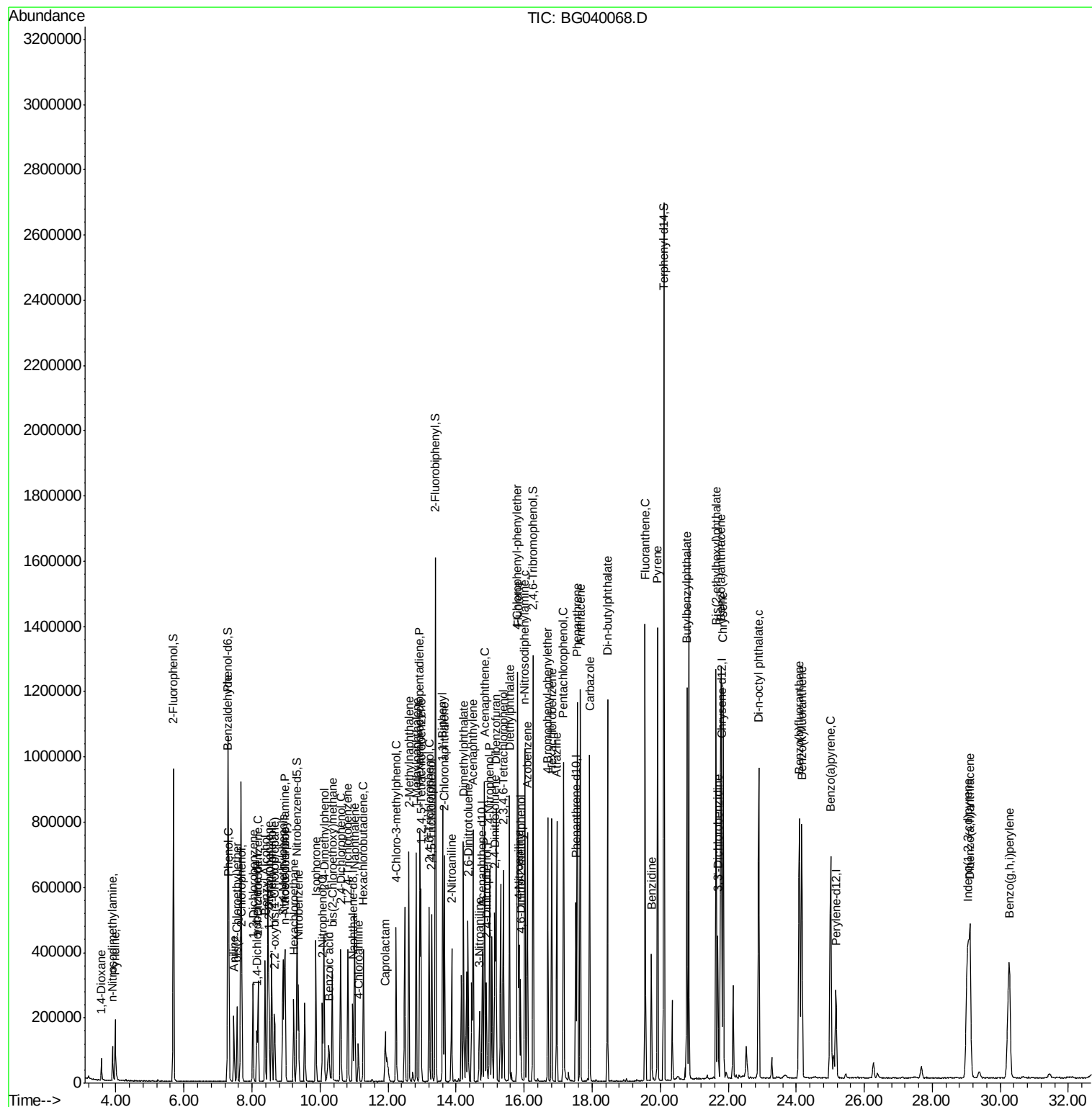
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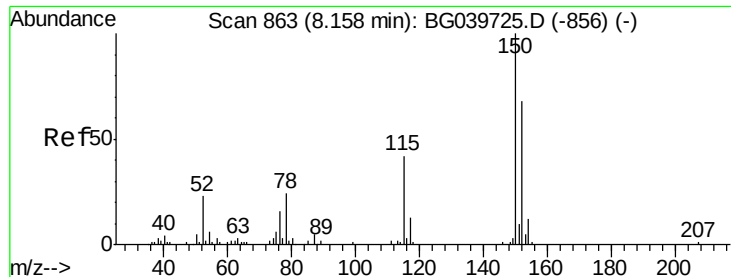
Instrument :
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ClientSampleId :
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#1

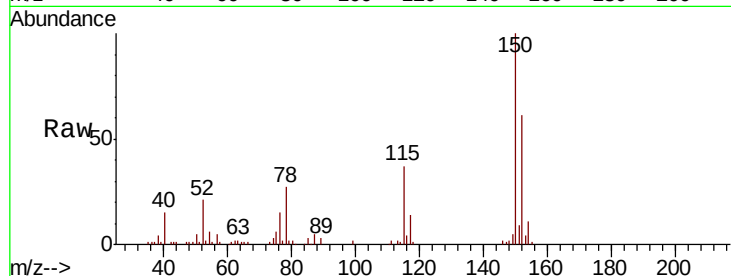
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampled :
PB118155BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.8	123.7	185.5
115	61.7	45.9	68.9

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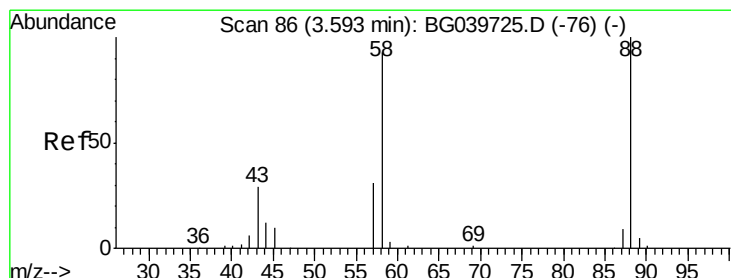
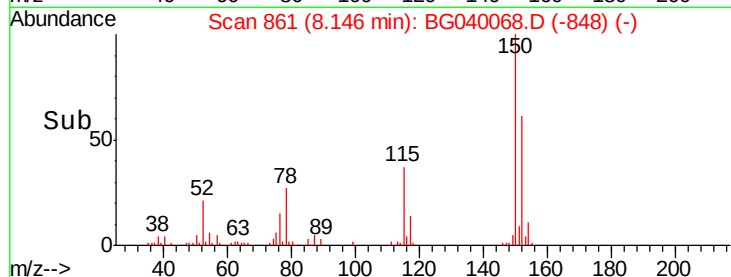
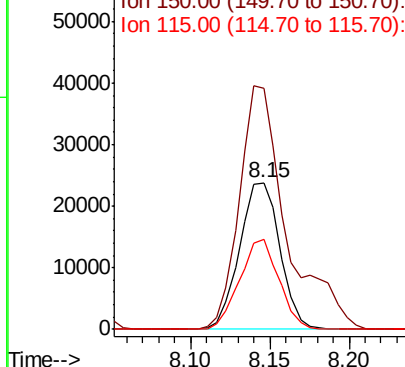


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

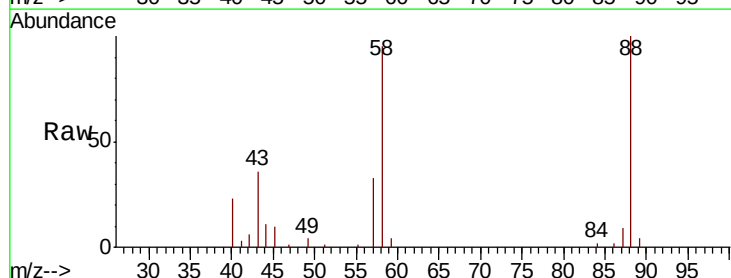
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.498 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.1	81.1	121.7
43	34.3	31.4	47.0

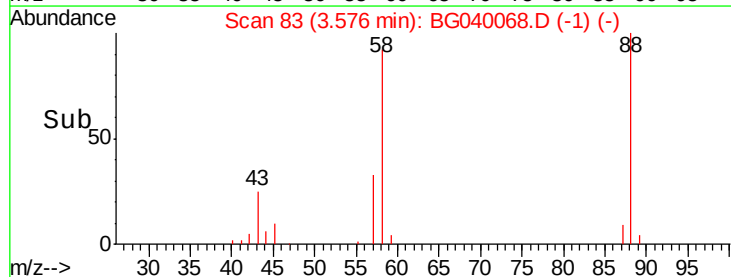
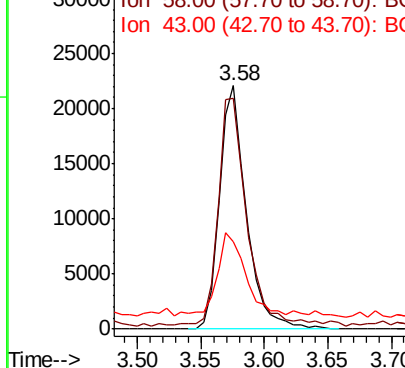


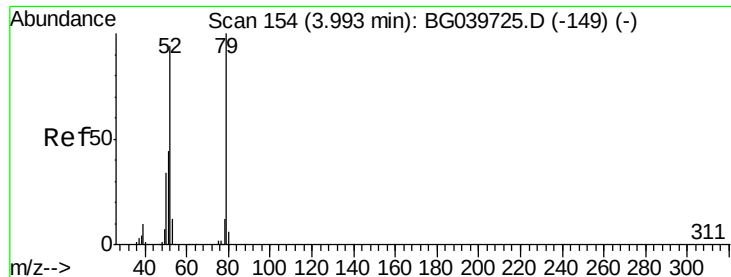
Abundance

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: 31.537 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

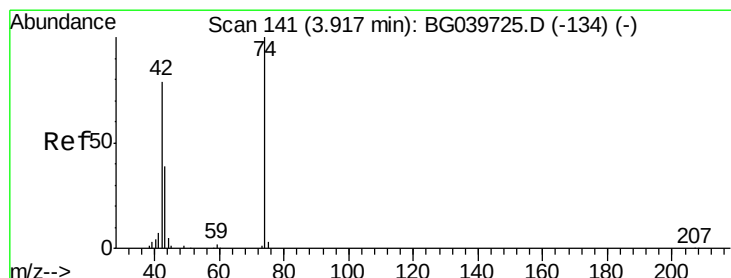
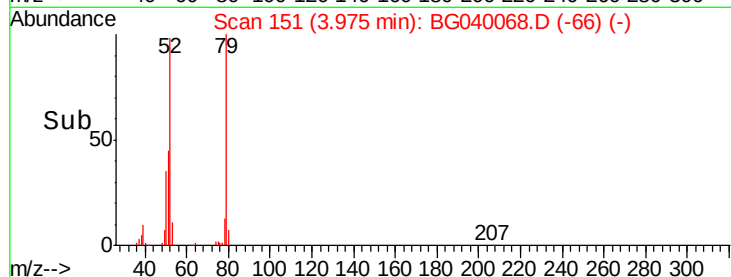
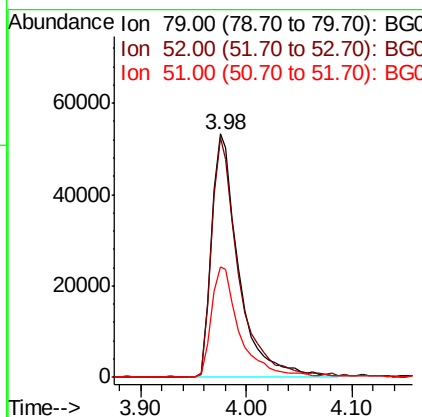
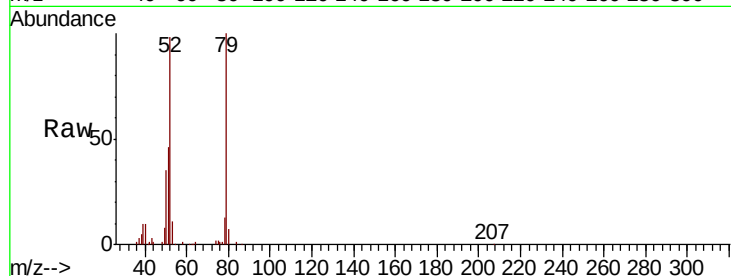
ClientSampleId :

PB118155BS

Tot Ion:	79	Resp:	96349
Ion Ratio	Lower	Upper	
79	100		
52	98.4	82.6	124.0
51	45.6	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 39.312 ng

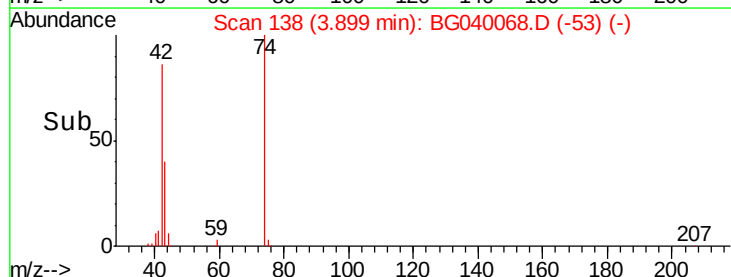
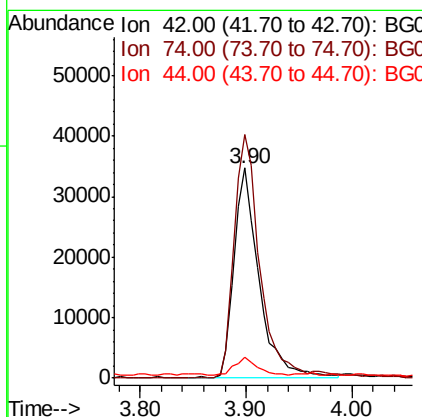
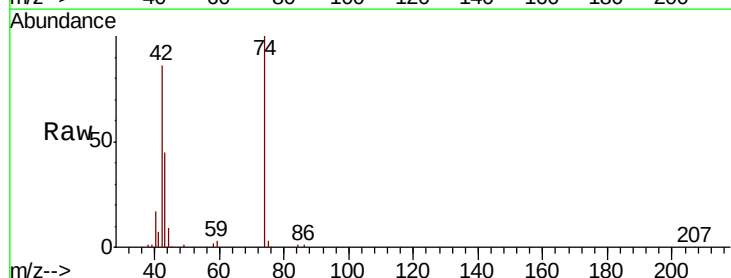
RT: 3.90 min Scan# 138

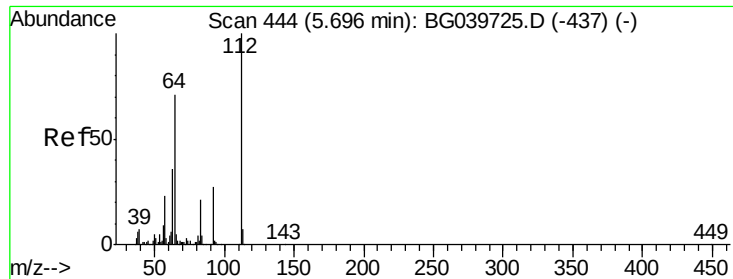
Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	42	Resp:	56975
Ion Ratio	Lower	Upper	
42	100		
74	115.8	83.6	125.4
44	10.2	6.9	10.3





#5

2-Fluorophenol

Concen: 158.364 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

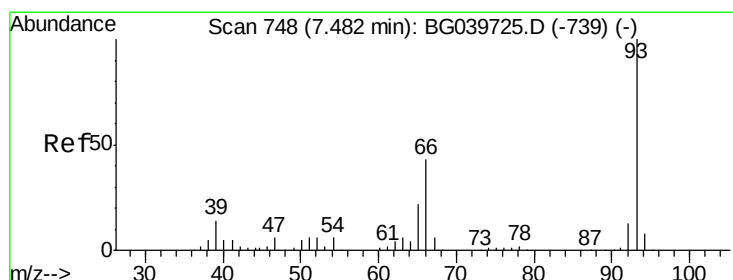
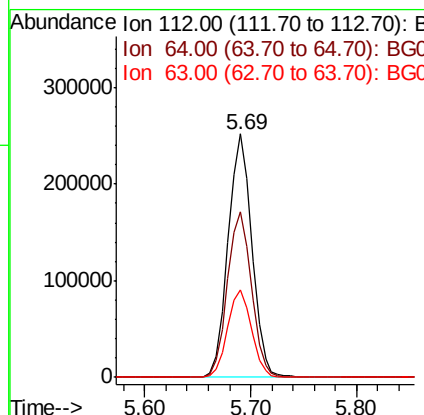
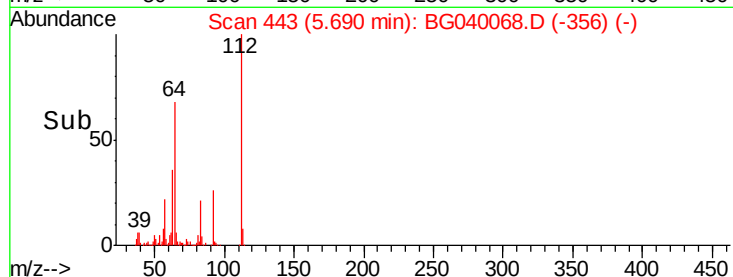
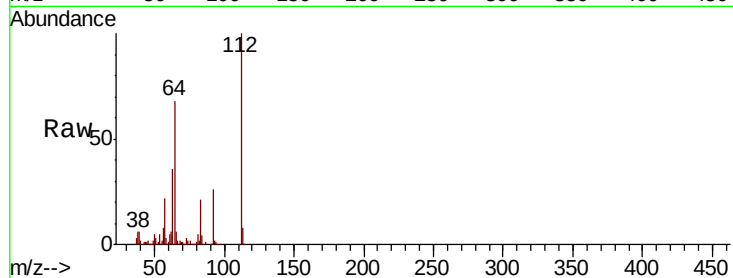
ClientSampleId :

PB118155BS

Tot Ion:	112	Resp:	391443
Ion Ratio	Lower	Upper	
112	100		
64	67.9	57.8	86.8
63	35.8	29.8	44.6

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#6

Aniline

Concen: 27.006 ng

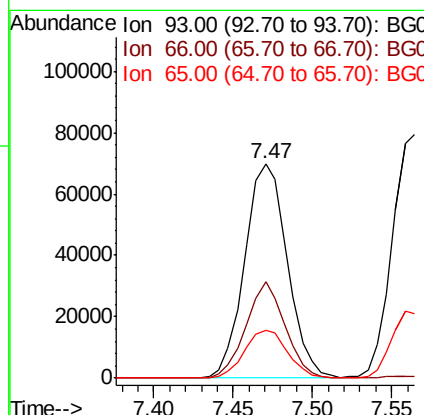
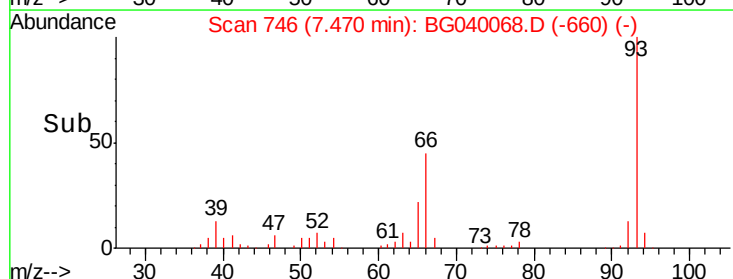
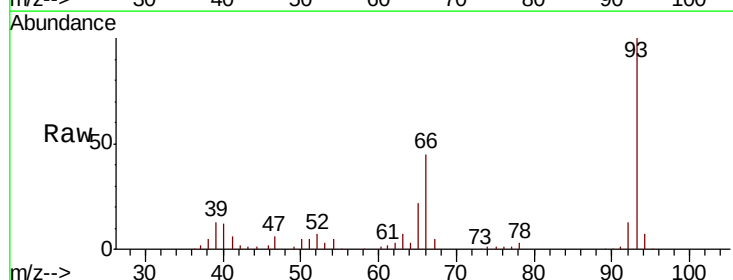
RT: 7.47 min Scan# 746

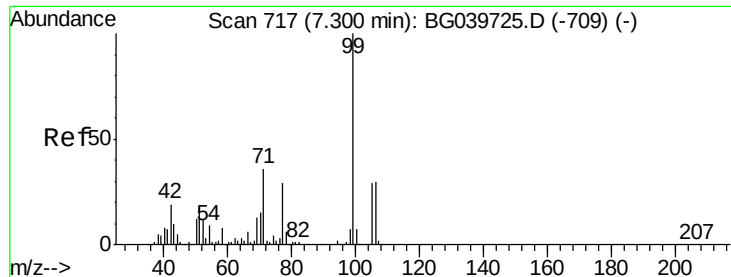
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	93	Resp:	130402
Ion Ratio	Lower	Upper	
93	100		
66	44.9	34.2	51.4
65	22.4	17.7	26.5





#7

Phenol-d6

Concen: 154.670 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

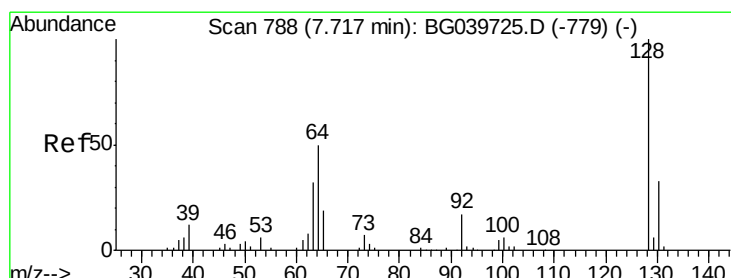
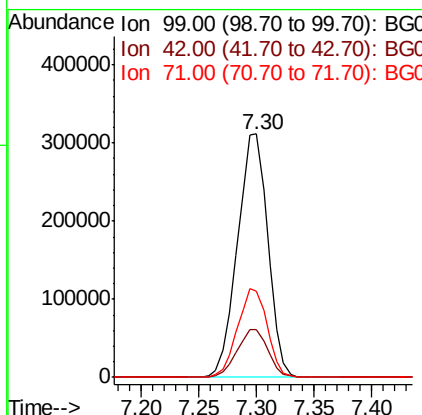
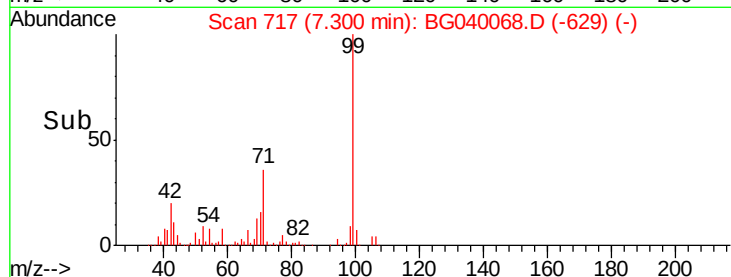
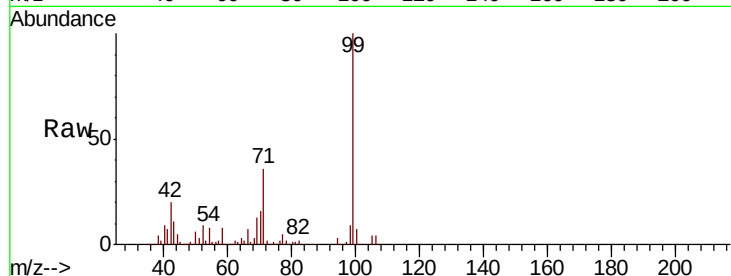
ClientSampleId :

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Tot Ion:	99	Resp:	570049
Ion Ratio	Lower	Upper	
99	100		
42	19.5	18.2	27.2
71	35.6	28.0	42.0

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#8

2-Chlorophenol

Concen: 44.320 ng

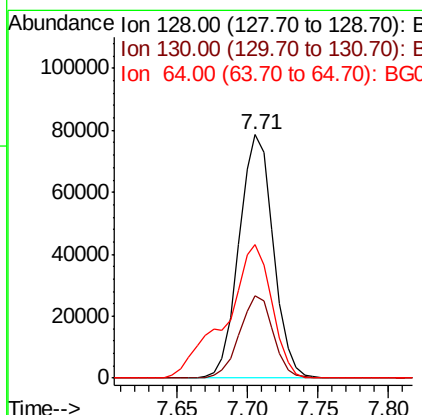
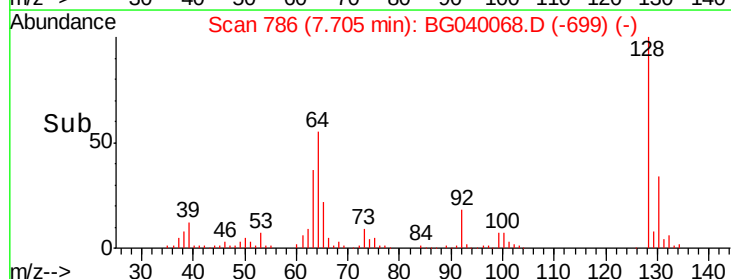
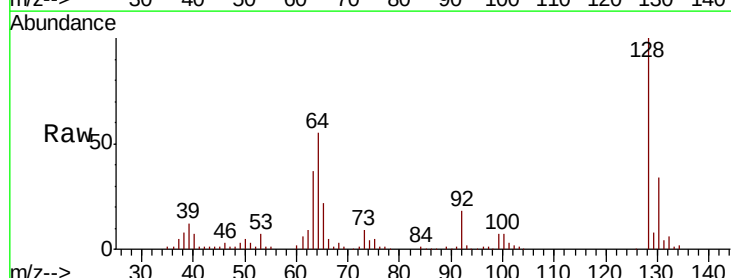
RT: 7.71 min Scan# 786

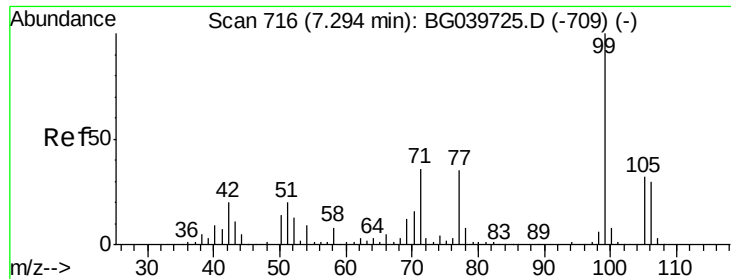
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	128	Resp:	132904
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.9	52.9
64	54.9	38.7	78.7





#9

Benzaldehyde

Concen: 27.520 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

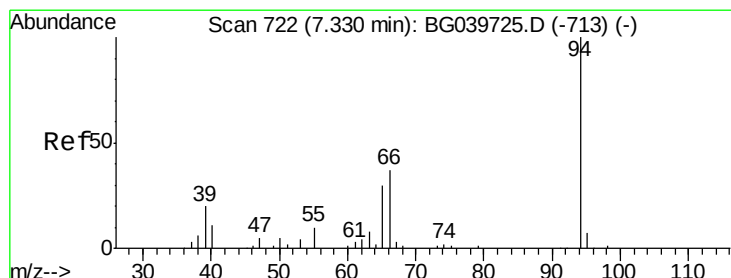
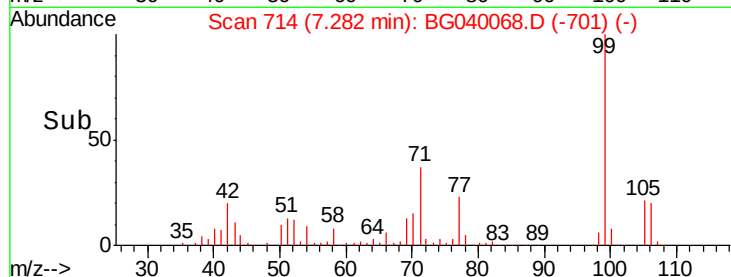
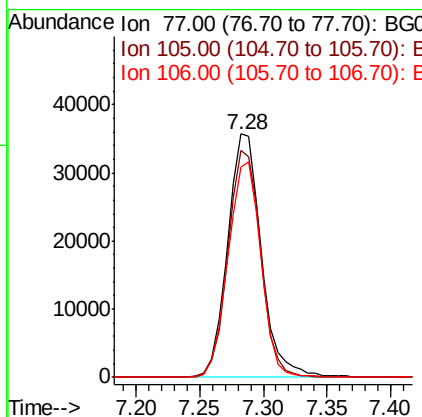
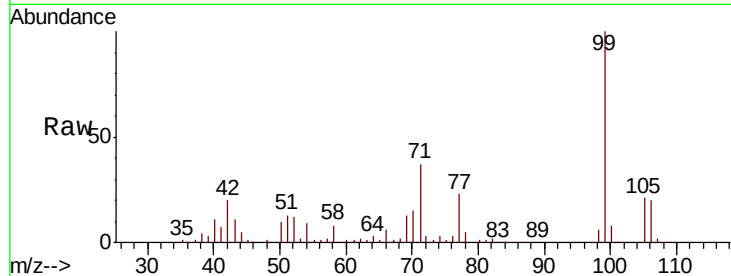
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Tot Ion	Ratio	Lower	Upper
77	100		
105	93.0	74.5	114.5
106	86.4	68.0	108.0

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#10

Phenol

Concen: 46.405 ng

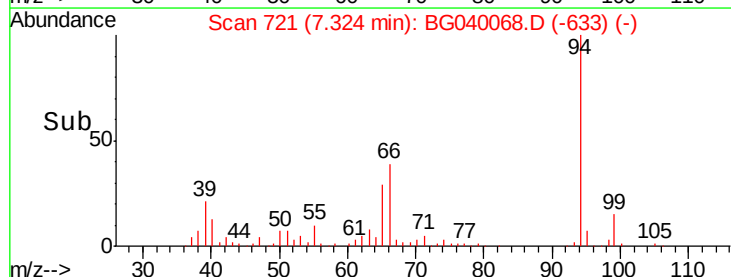
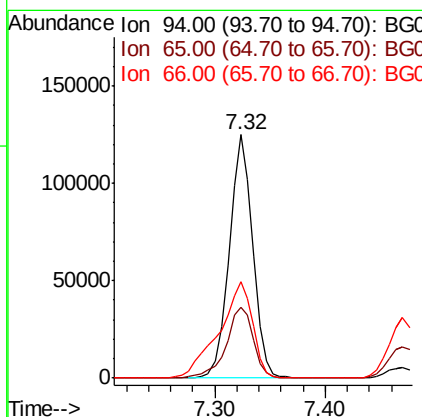
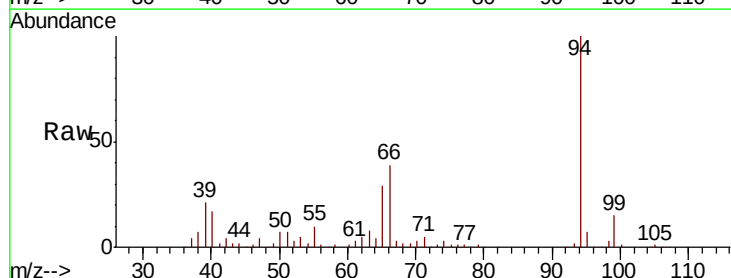
RT: 7.32 min Scan# 721

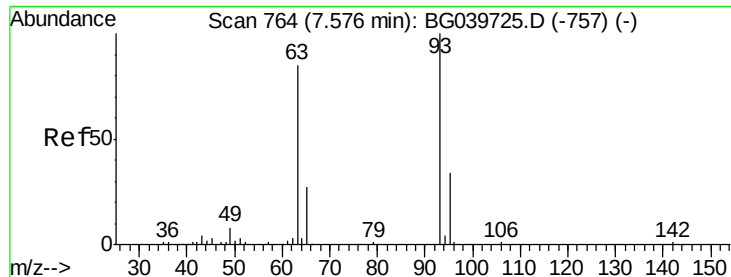
Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	11.7	51.7
66	39.4	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 40.588 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

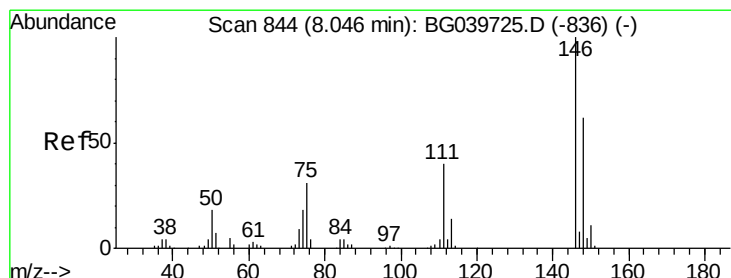
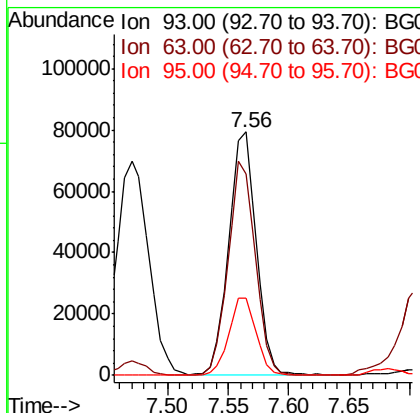
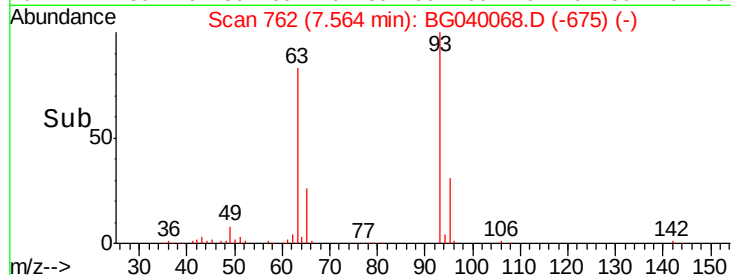
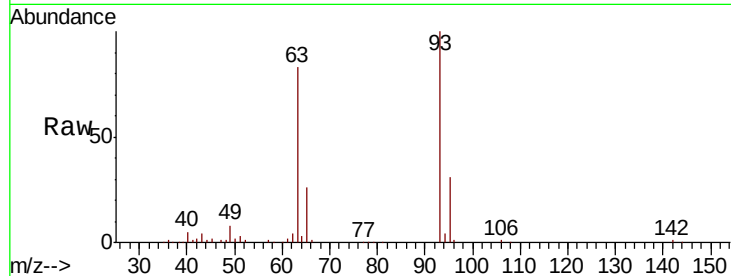
ClientSampled :

PB118155BS

Tot Ion:	93	Resp:	126348
Ion	Ratio	Lower	Upper
93	100		
63	82.7	69.5	109.5
95	31.5	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 38.651 ng

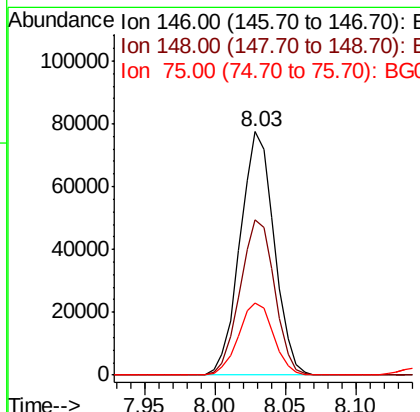
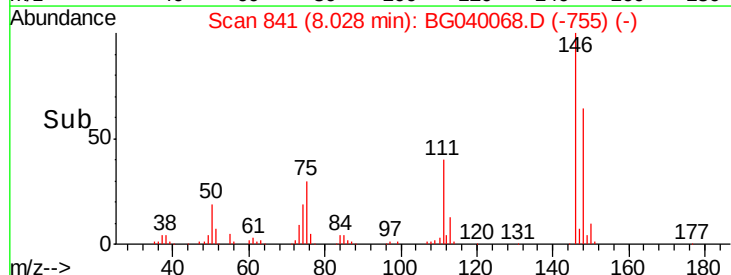
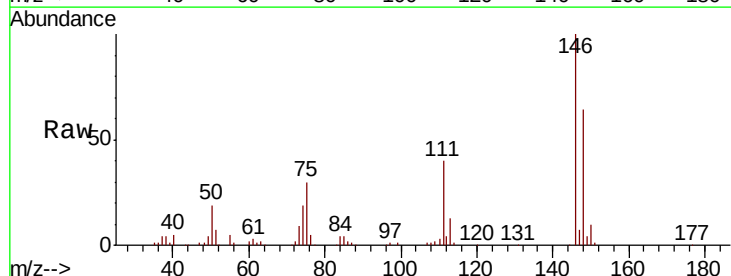
RT: 8.03 min Scan# 841

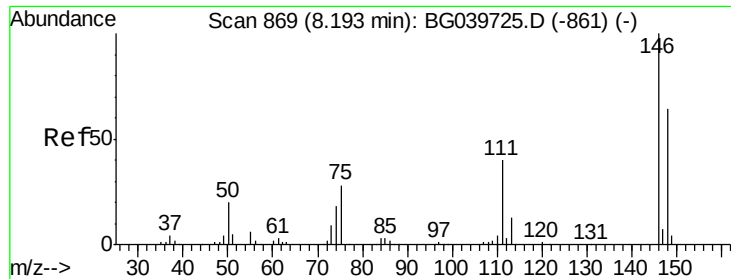
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	146	Resp:	131085
Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	79.0
75	29.7	25.8	38.6





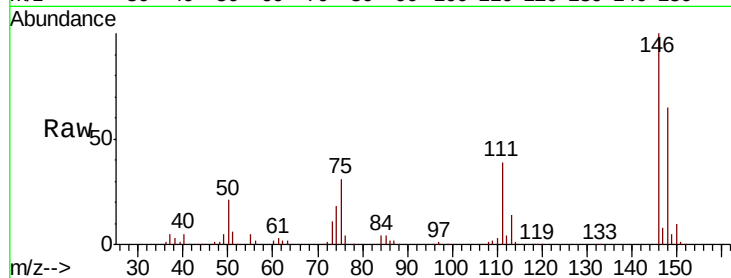
#13
1,4-Dichlorobenzene
Concen: 39.241 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampled :
PB118155BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	39.0	32.6	48.8

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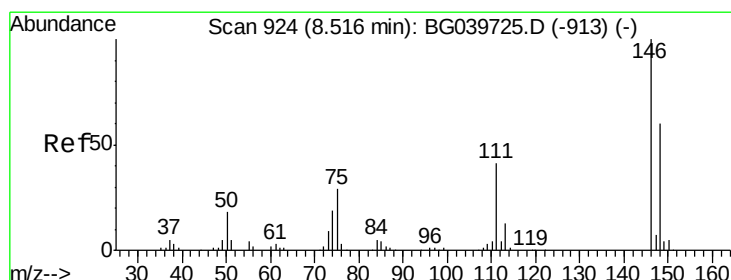
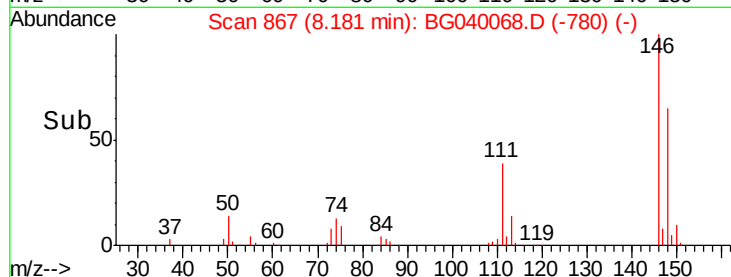
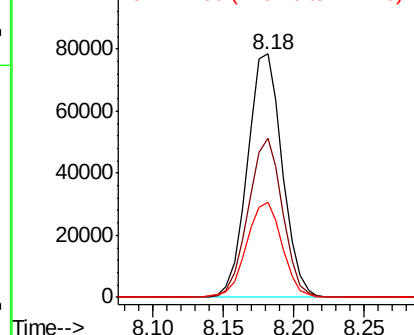


Abundance

Ion 146.00 (145.70 to 146.70): E

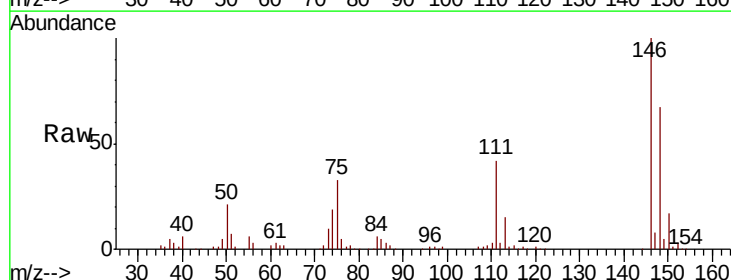
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.848 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.5	77.3
111	42.5	33.8	50.6

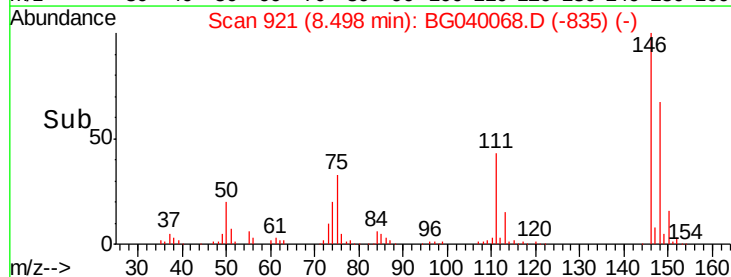
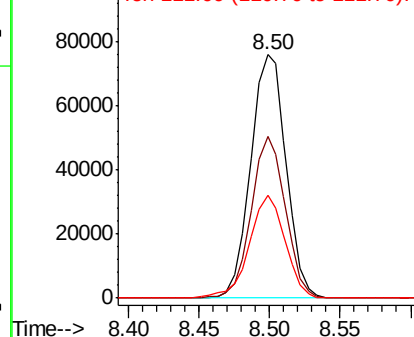


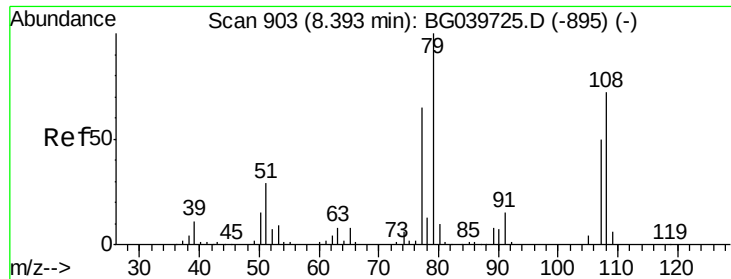
Abundance

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: 43.757 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

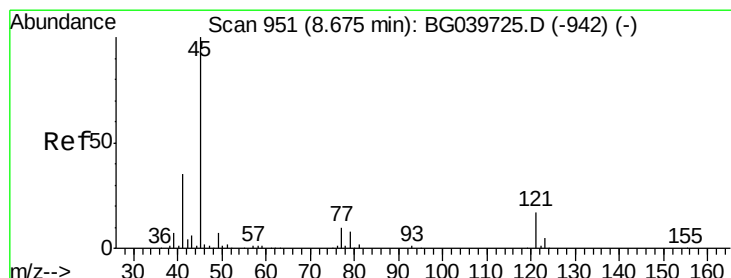
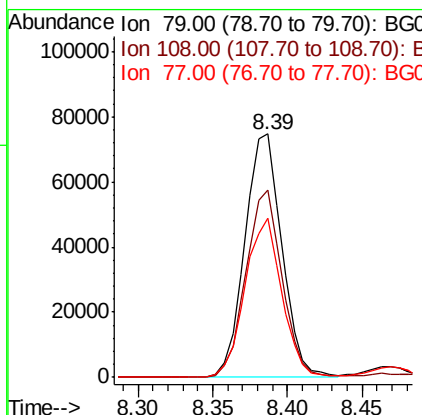
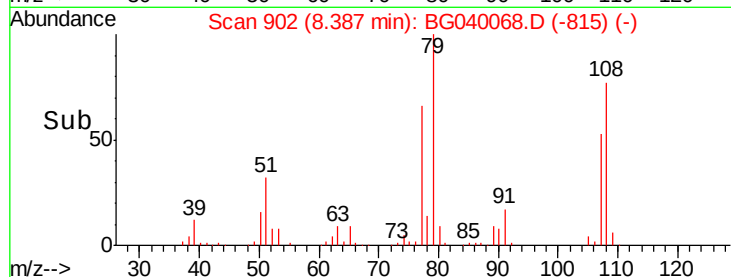
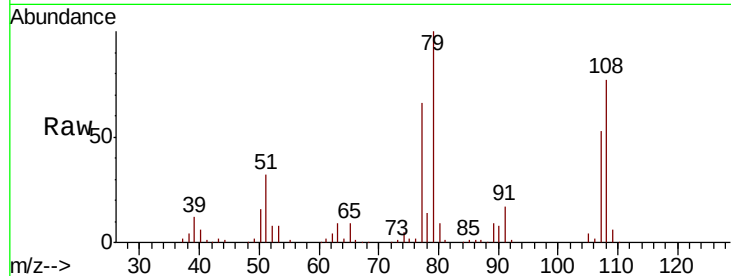
ClientSampled :

PB118155BS

Tot Ion:	79	Resp:	127928
Ion Ratio	Lower	Upper	
79	100		
108	77.2	57.8	86.6
77	65.5	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.627 ng

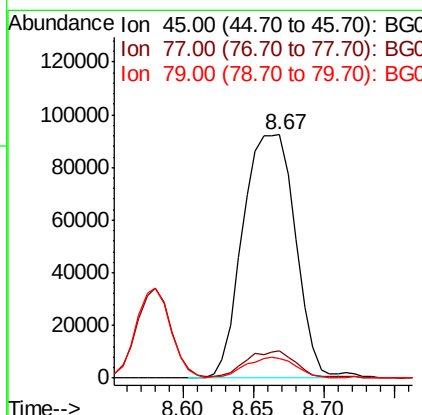
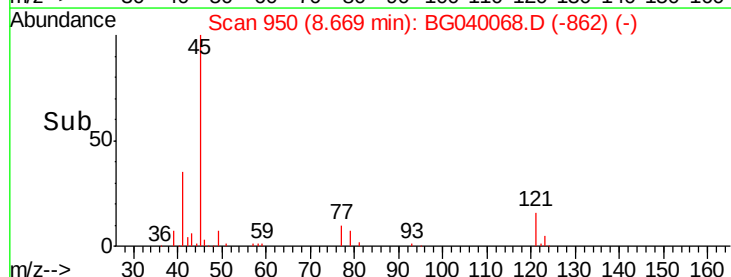
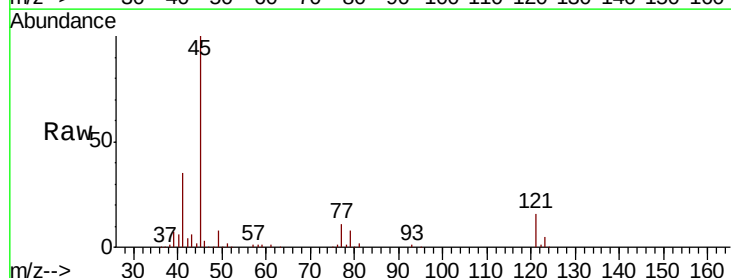
RT: 8.67 min Scan# 950

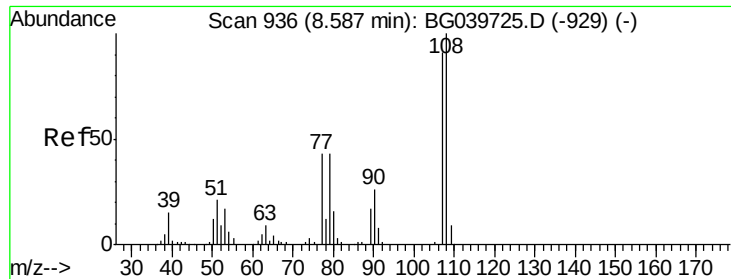
Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	45	Resp:	240489
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.0
79	8.2	0.0	27.5





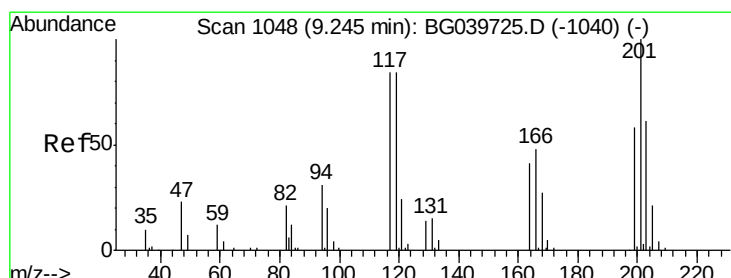
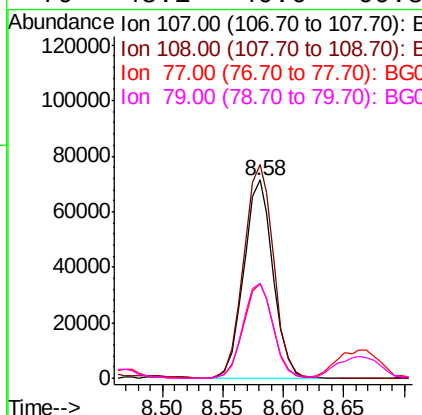
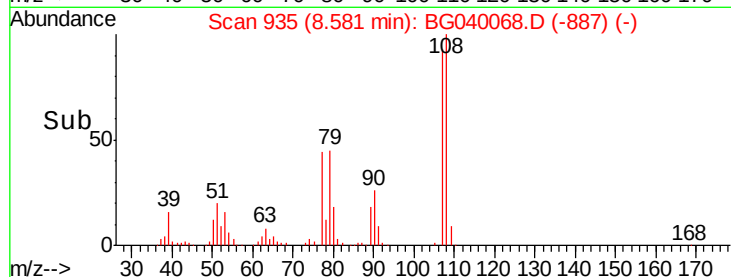
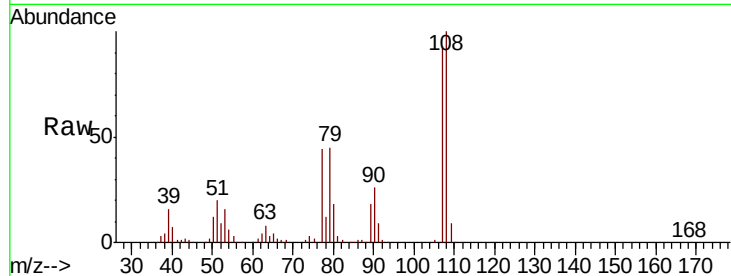
#17
2-Methylphenol
Concen: 47.276 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	120359		
108	108.00	107.8		90.8	136.2
77	77.00	47.9		40.7	61.1
79	79.00	48.1		40.6	60.8

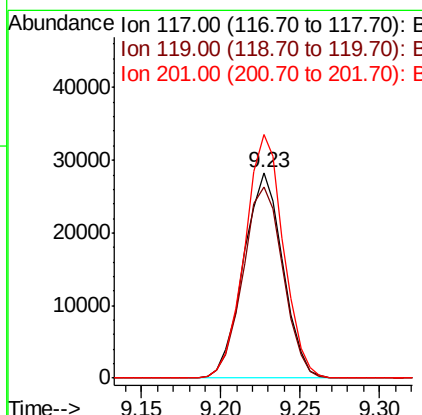
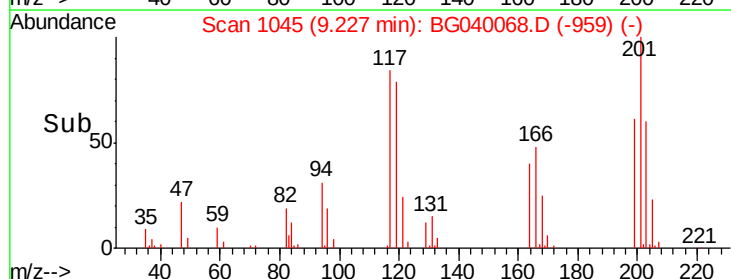
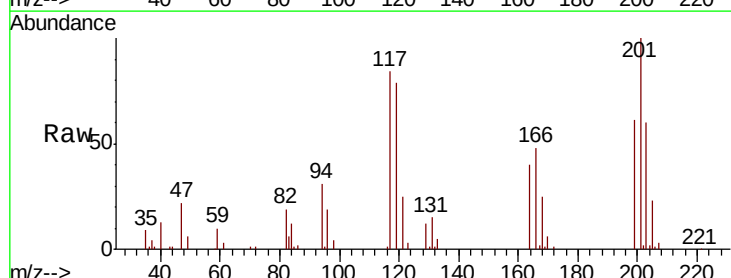
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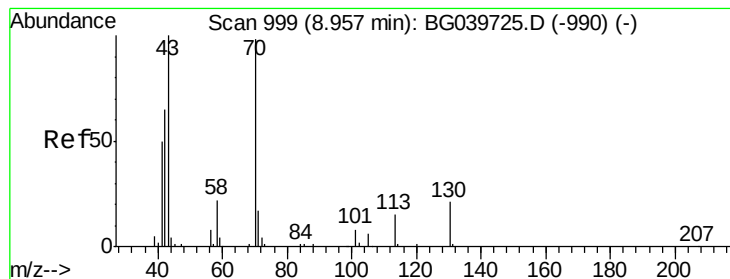
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#18
Hexachloroethane
Concen: 39.322 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	48742		
119	119.00	93.1		76.3	114.5
201	201.00	118.4		91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.326 ng

RT: 8.94 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

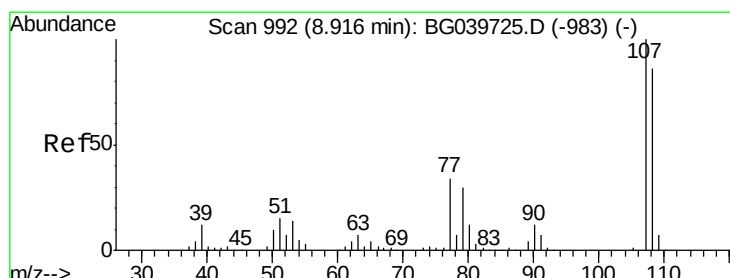
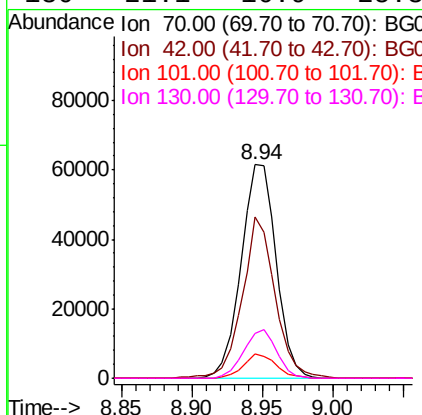
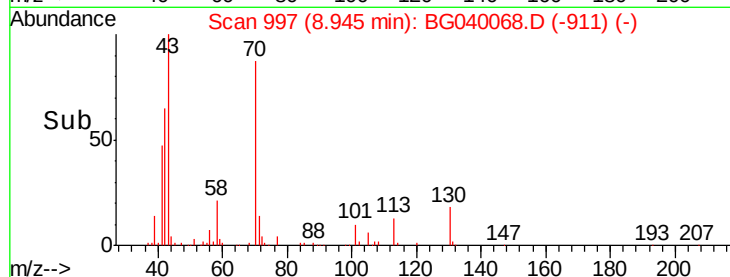
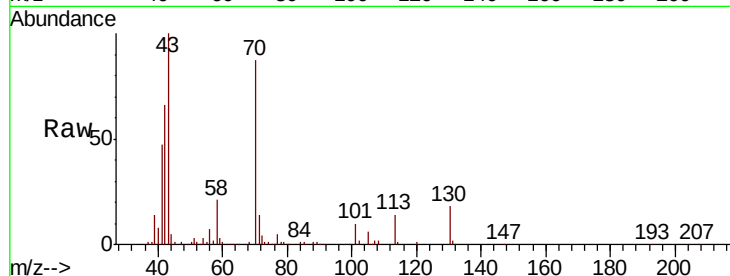
ClientSampleId :

PB118155BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.3	60.4	90.6	
101	11.5	7.5	11.3	
130	21.1	16.9	25.3	

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#20

3+4-Methylphenols

Concen: 46.547 ng

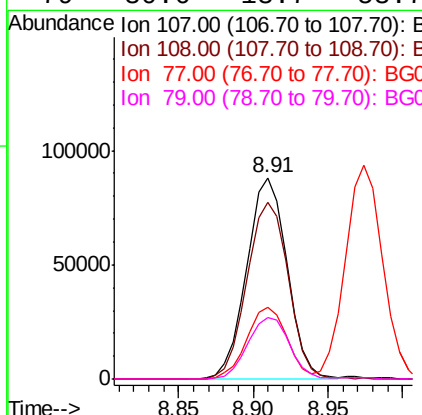
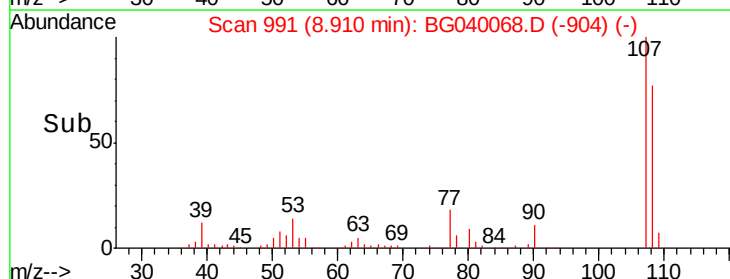
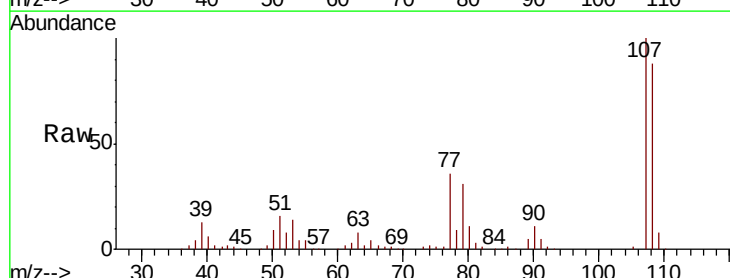
RT: 8.91 min Scan# 991

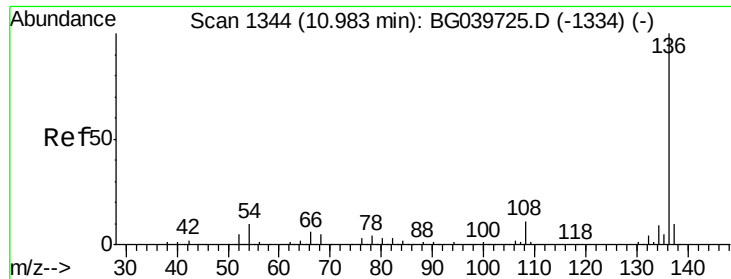
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	67.9	107.9	
77	35.9	15.4	55.4	
79	30.6	13.7	53.7	





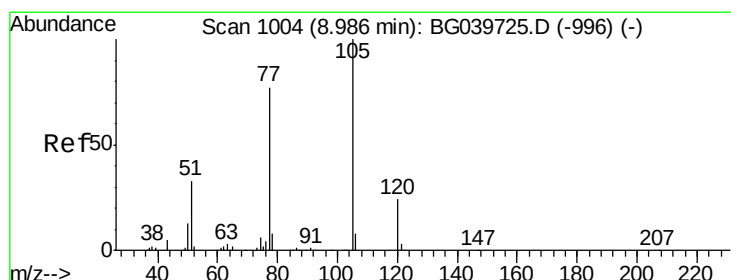
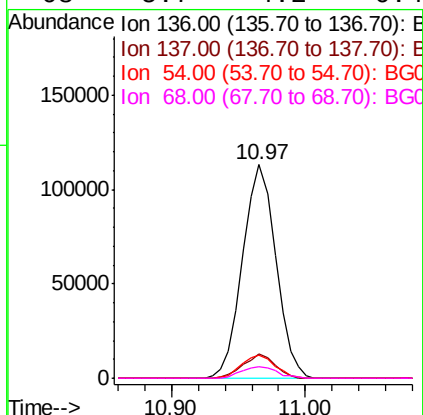
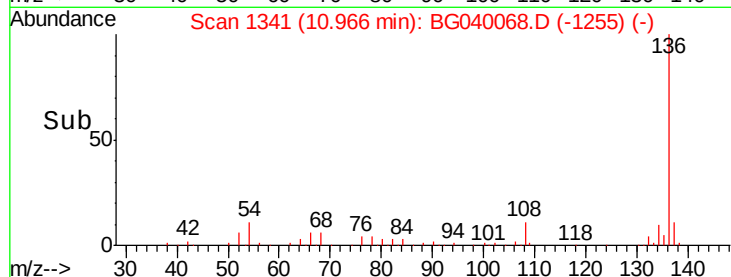
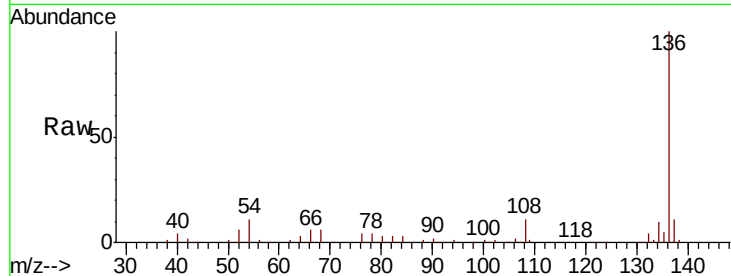
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	195118		
137	11.3	9.1	13.7	
54	10.7	9.4	14.2	
68	5.7	4.2	6.4	

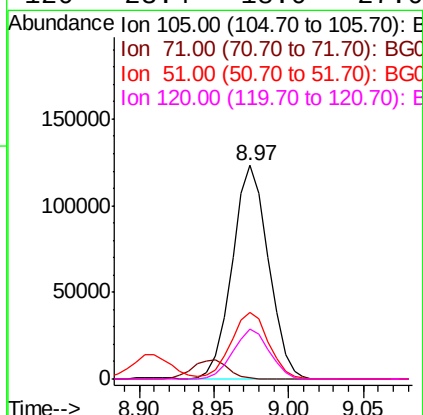
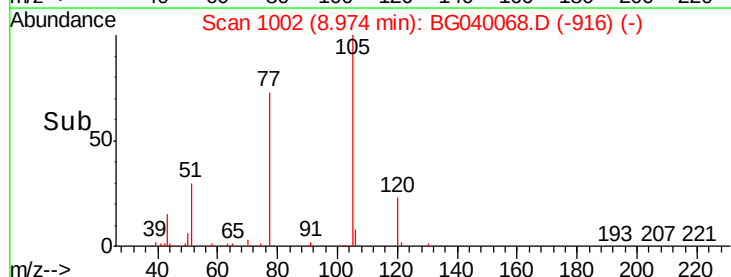
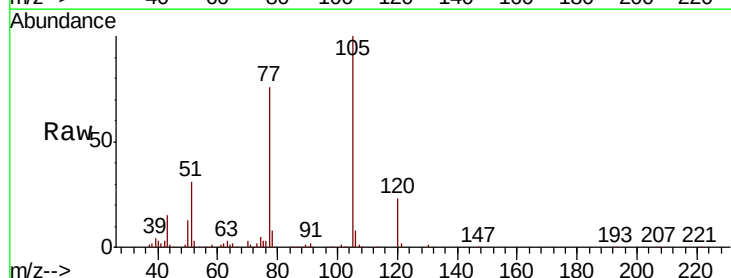
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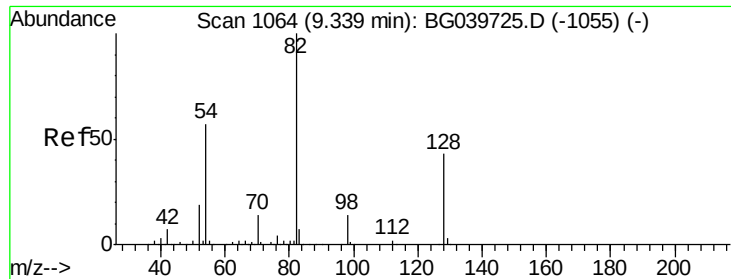
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#22
Acetophenone
Concen: 39.764 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	208240		
71	0.8	0.8	1.2#	
51	31.2	30.2	45.2	
120	23.4	18.0	27.0	





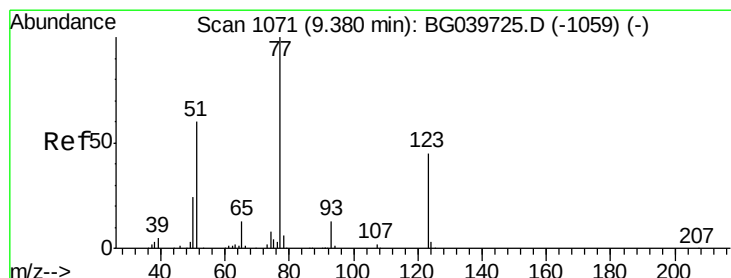
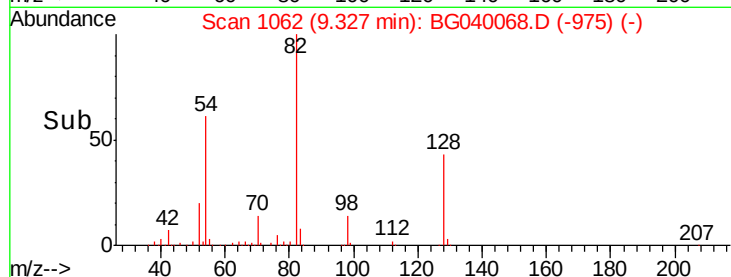
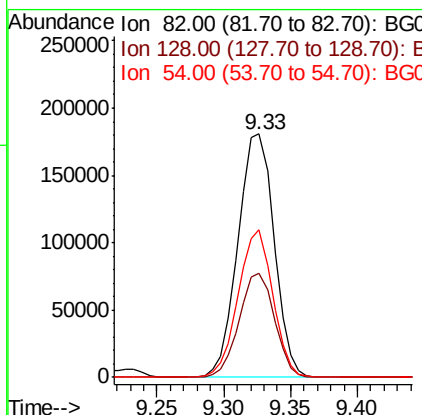
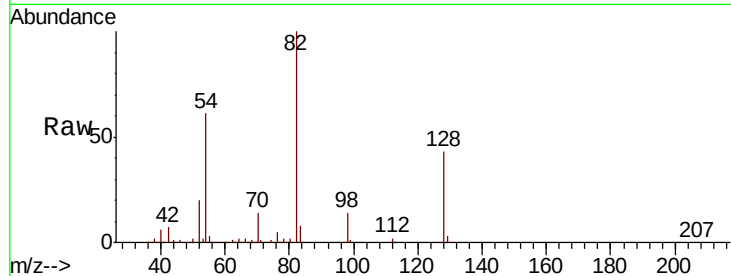
#23
 Nitrobenzene-d5
 Concen: 94.108 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	339511		
128	42.9	31.3	46.9	
54	60.7	50.9	76.3	

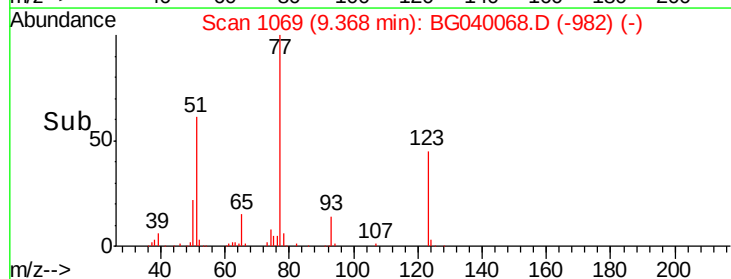
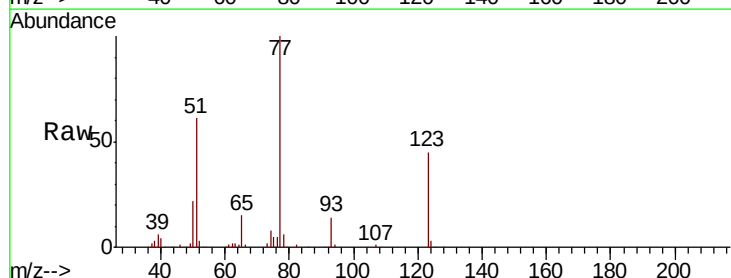
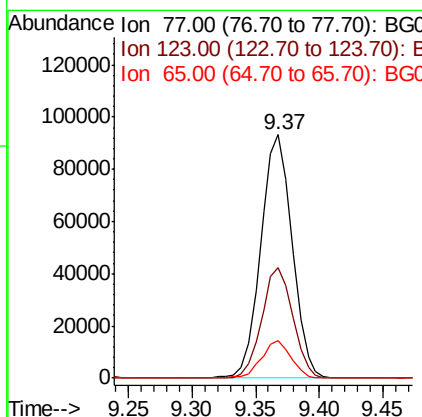
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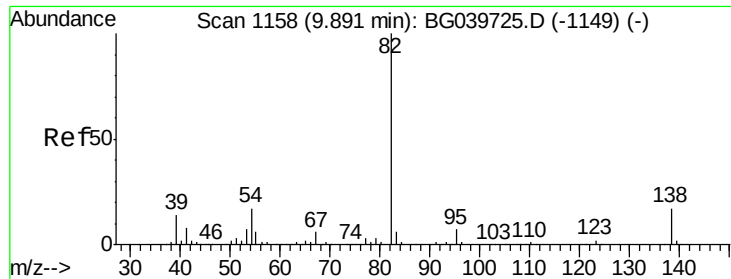
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#24
 Nitrobenzene
 Concen: 42.336 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	160228		
123	45.2	34.1	51.1	
65	15.5	12.3	18.5	





#25

Isophorone

Concen: 41.485 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

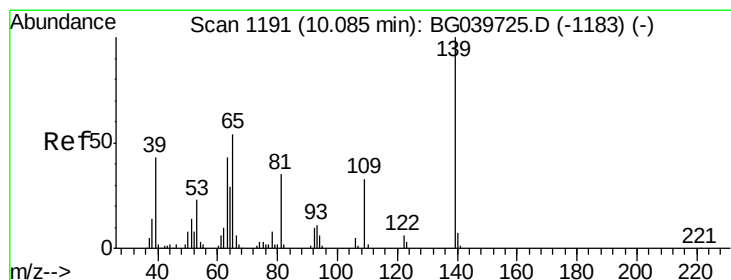
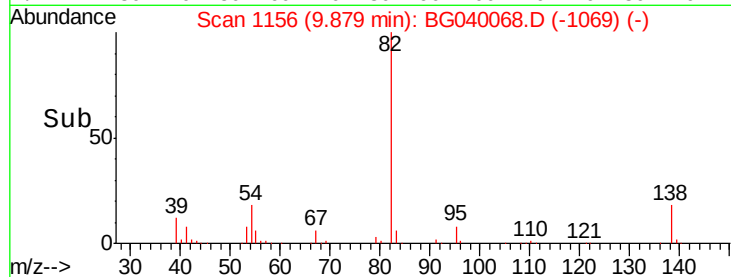
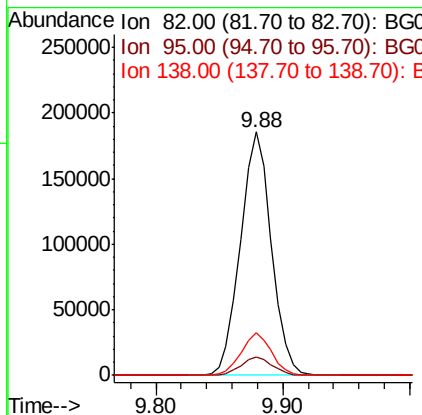
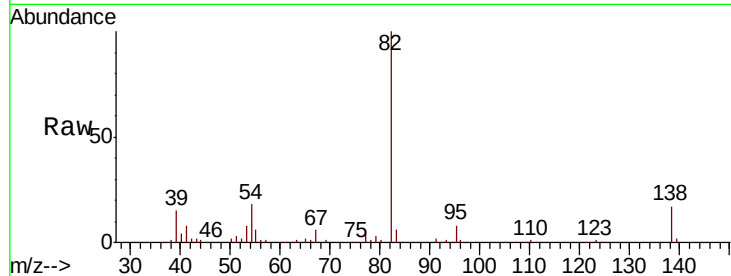
ClientSampleId :

PB118155BS

Tot Ion:	82	Resp:	313598
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	17.5	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.656 ng

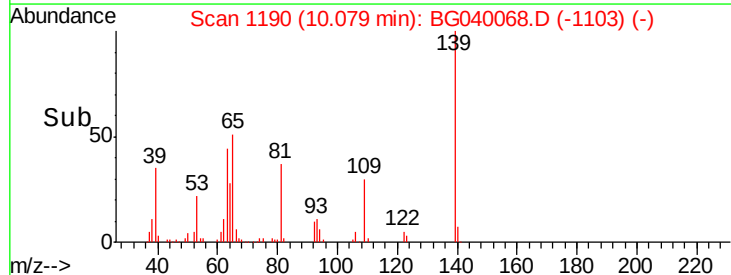
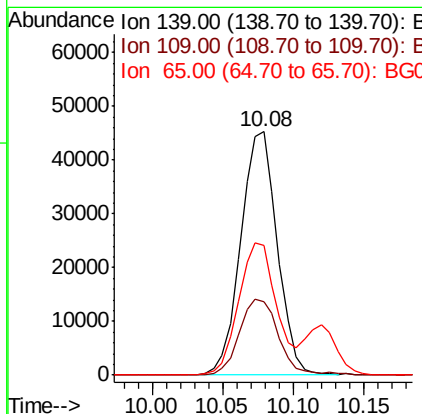
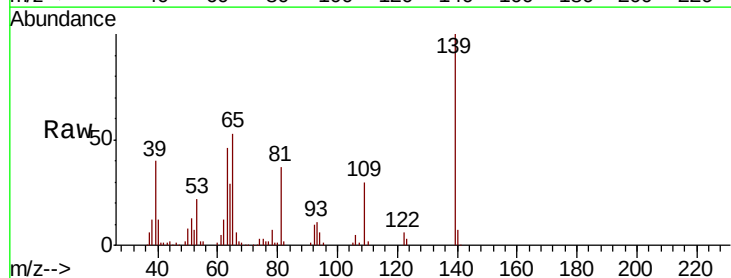
RT: 10.08 min Scan# 1190

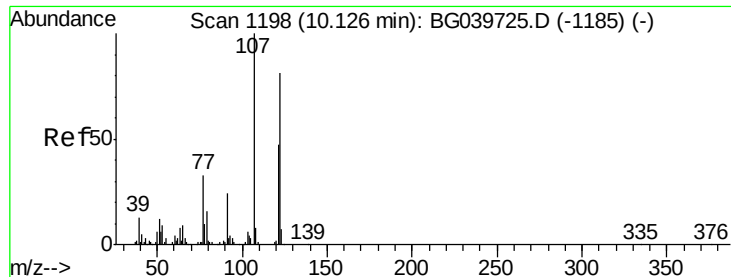
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	139	Resp:	81601
Ion Ratio	Lower	Upper	
139	100		
109	30.2	23.4	35.0
65	53.4	44.3	66.5





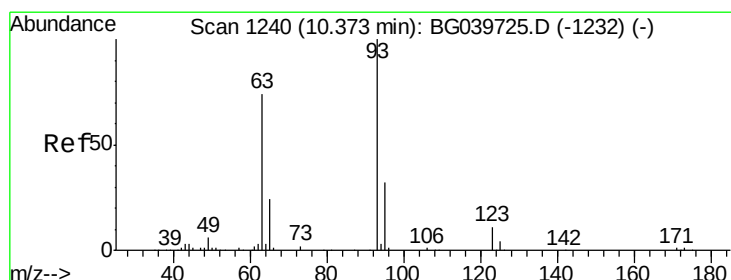
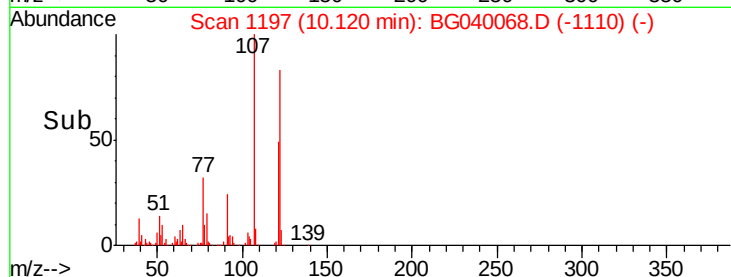
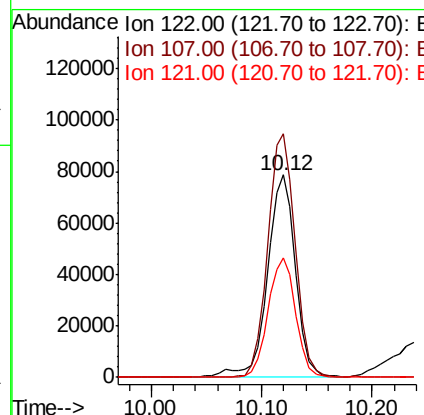
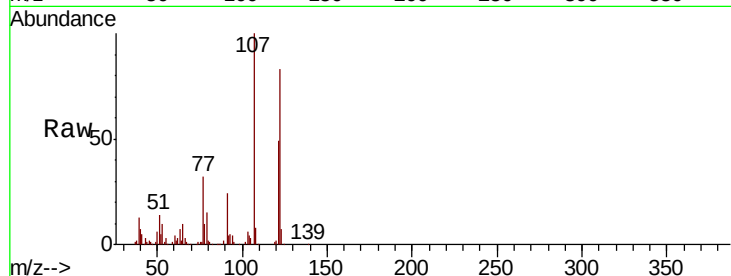
#27
2,4-Dimethylphenol
Concen: 48.985 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.5	91.7	137.5
121	59.2	46.4	69.6

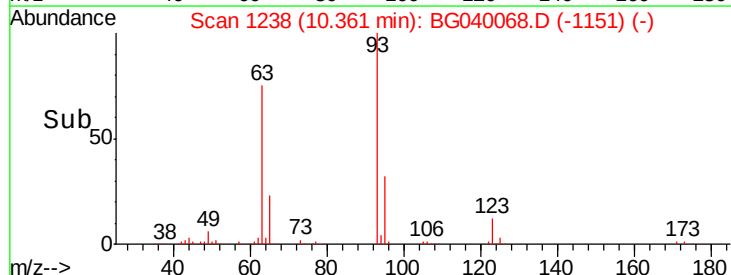
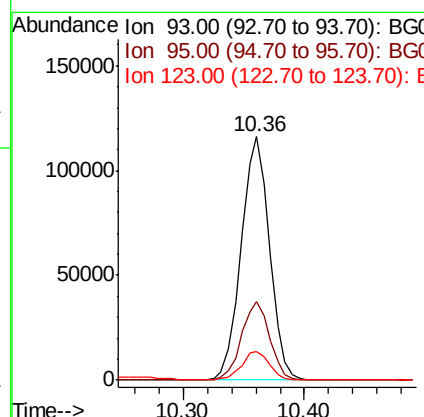
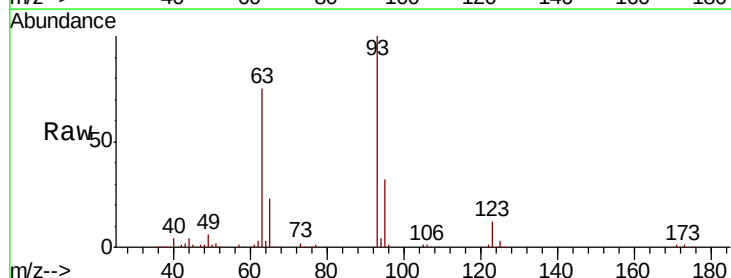
Manual Integrations
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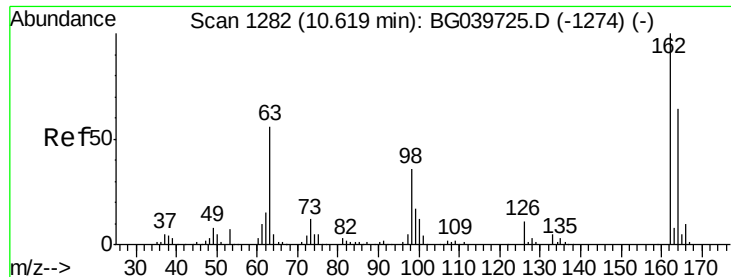
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.427 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.0	37.4
123	12.0	8.6	12.8





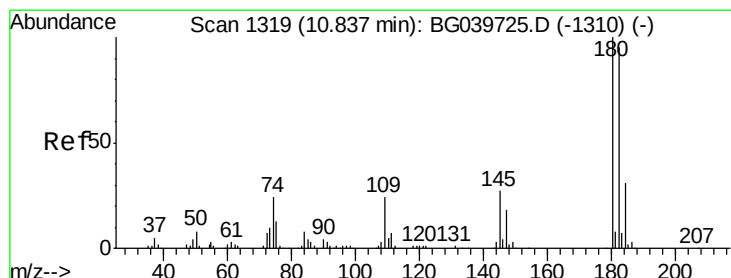
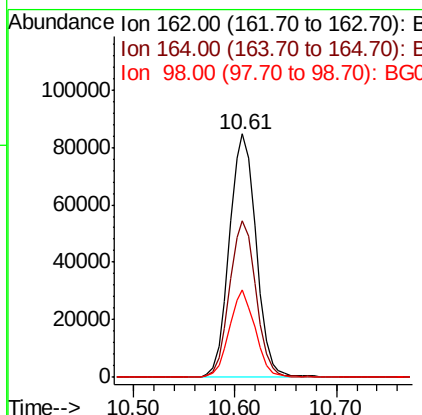
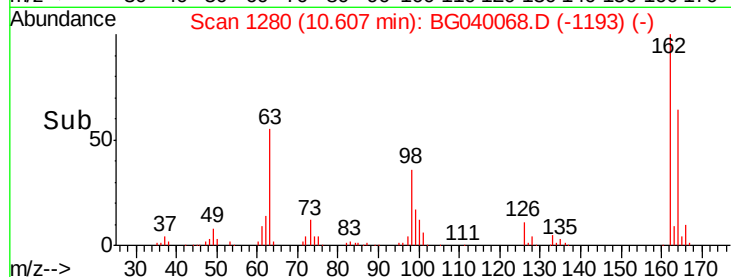
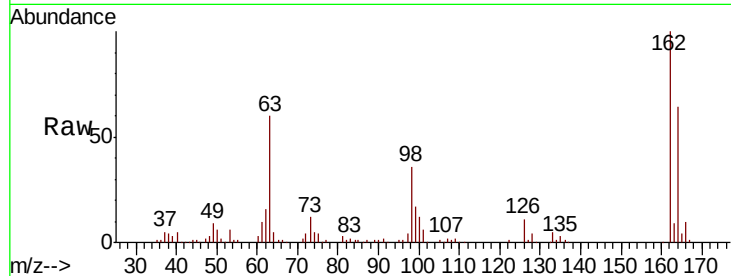
#29
 2,4-Dichlorophenol
 Concen: 48.399 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	154866		
164	64.2	48.1	88.1	
98	35.9	18.1	58.1	

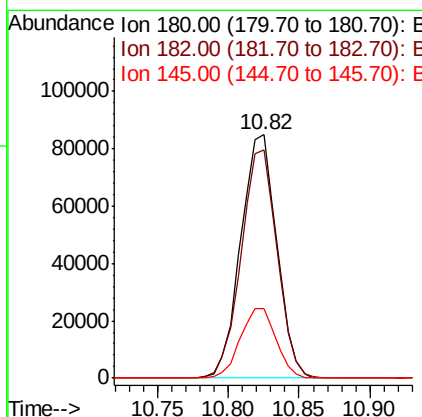
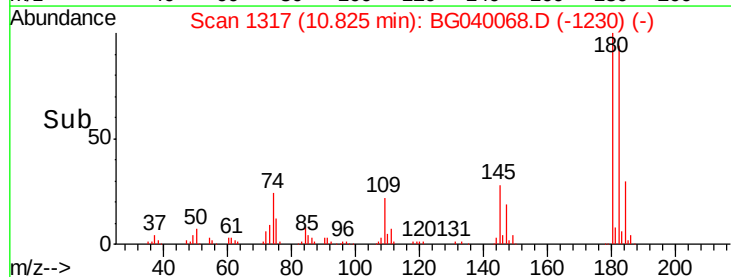
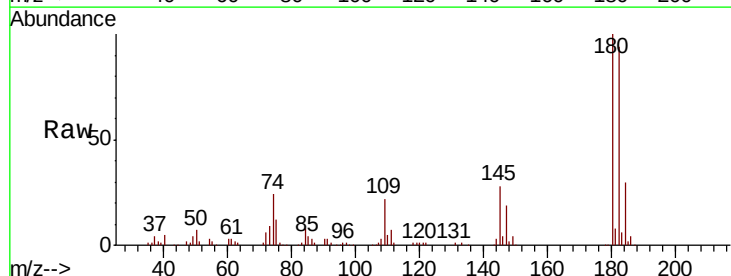
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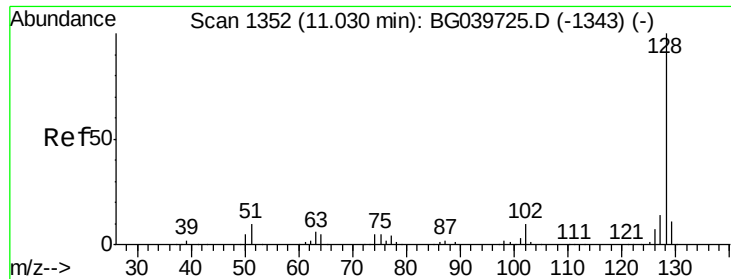
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.744 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150302		
182	93.5	76.0	114.0	
145	28.4	22.7	34.1	





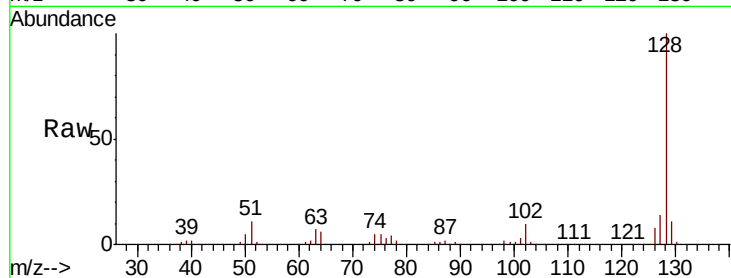
#31
Naphthalene
Concen: 41.583 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.6	10.8	16.2

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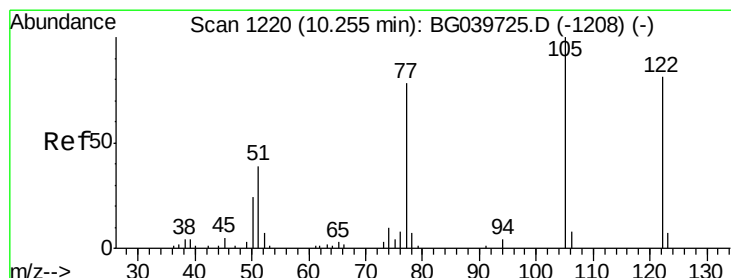
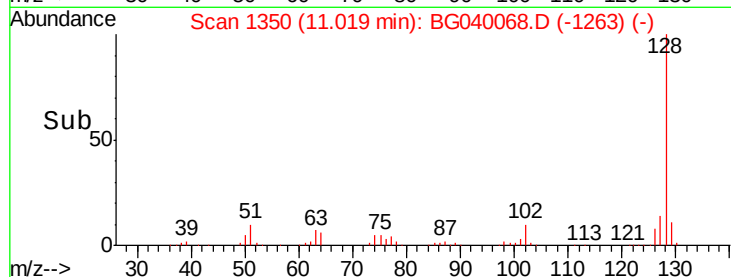
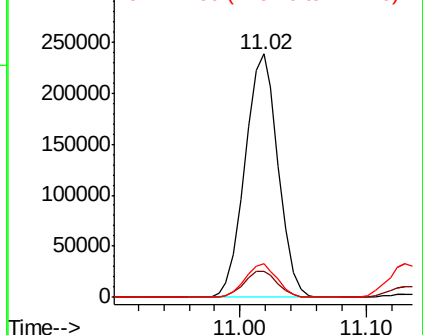


Abundance

Ion 128.00 (127.70 to 128.70): E

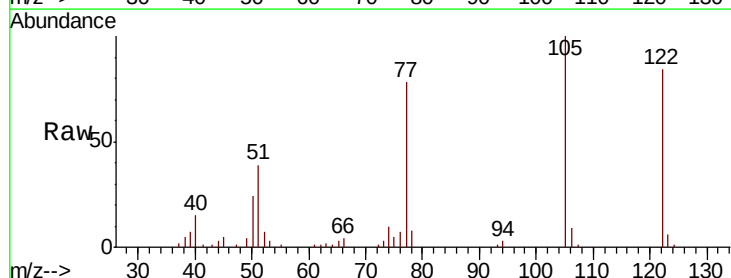
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.159 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	101.8	141.8
77	92.4	76.3	116.3

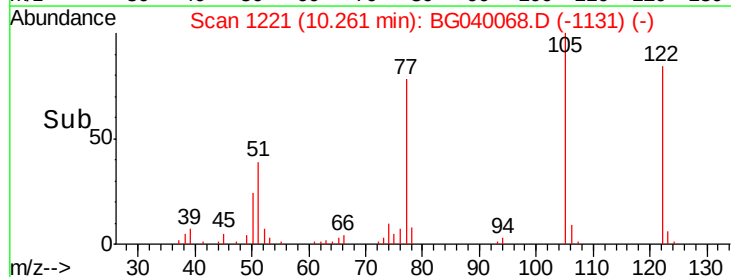
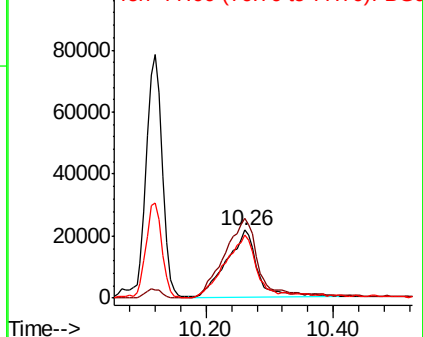


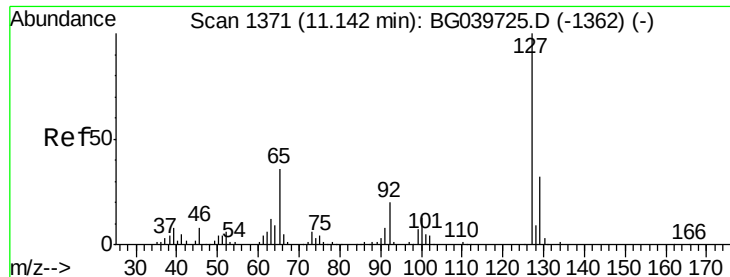
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





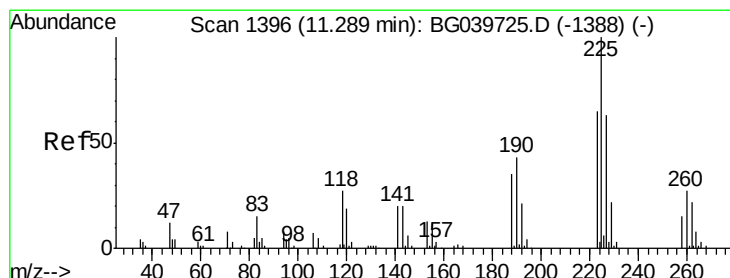
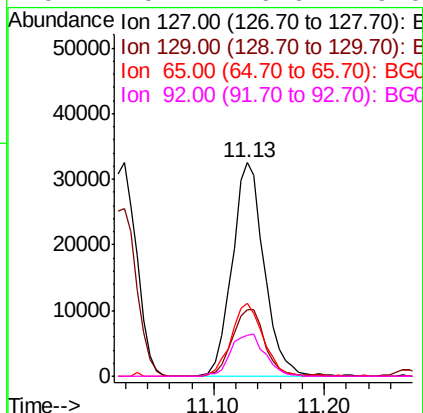
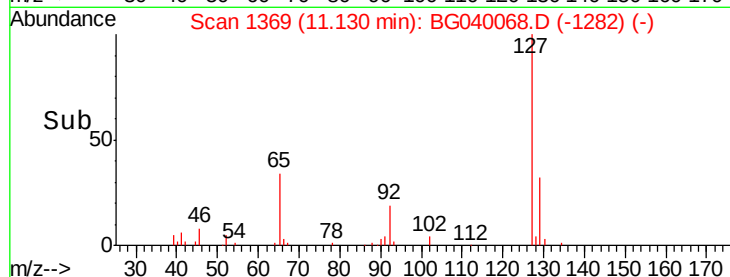
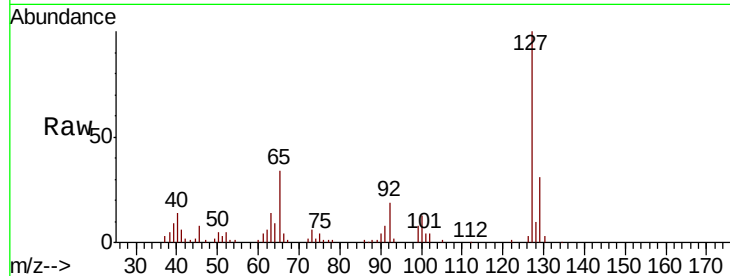
#33
4-Chloroaniline
Concen: 15.107 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3		27.0	40.4	
65	34.3		28.8	43.2	
92	19.4		16.6	25.0	

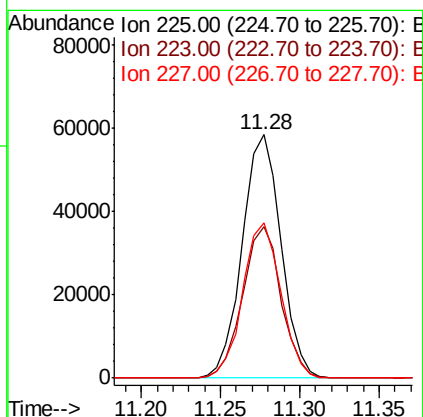
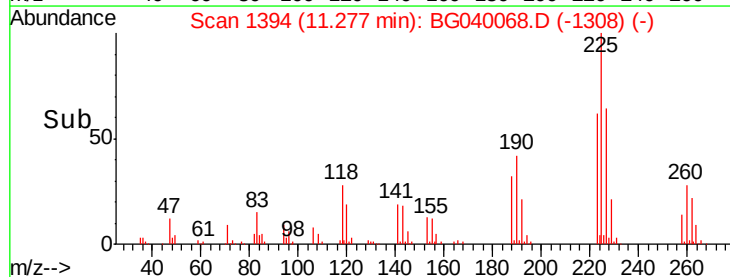
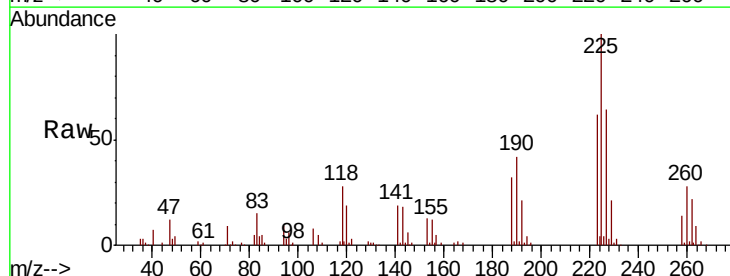
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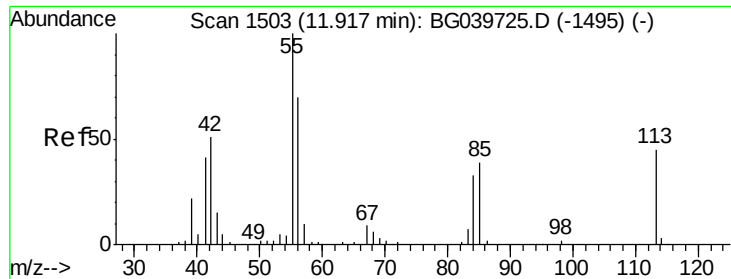
Sohil
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#34
Hexachlorobutadiene
Concen: 40.332 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3		49.0	73.6	
227	64.0		46.3	69.5	





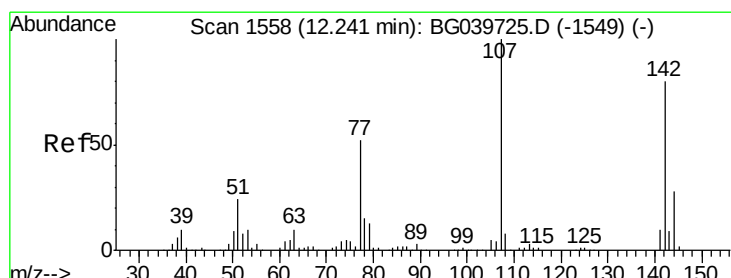
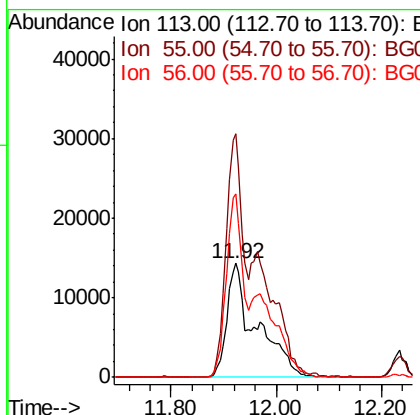
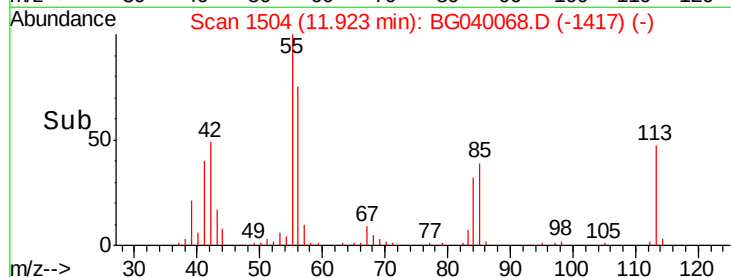
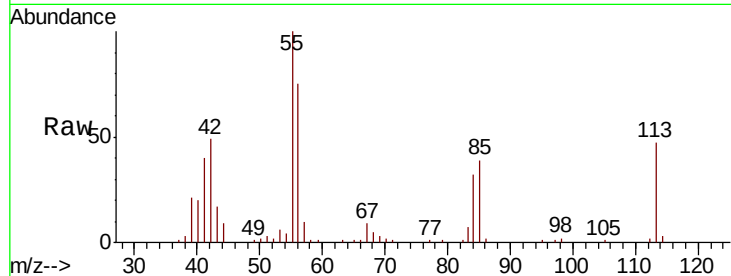
#35
Caprolactam
Concen: 45.045 ng/ml
RT: 11.92 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampled :
PB118155BS

Tot Ion: 113 Resp: 55059
Ion Ratio Lower Upper
113 100
55 213.4 216.9 256.9#
56 160.4 152.6 192.6

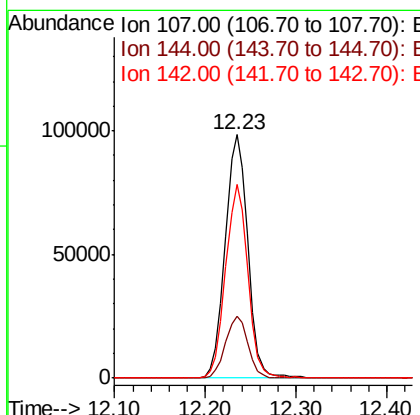
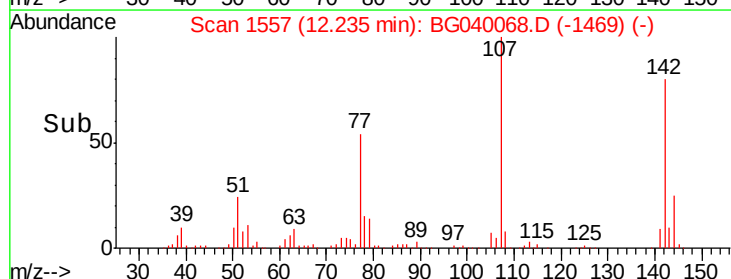
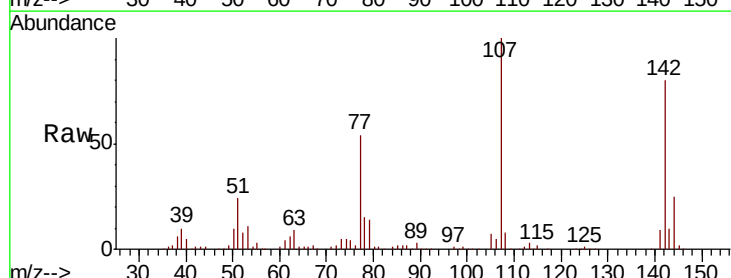
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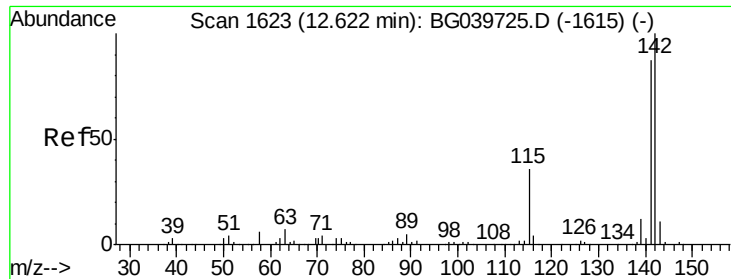
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#36
4-Chloro-3-methylphenol
Concen: 46.556 ng/ml
RT: 12.23 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion: 107 Resp: 170766
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 79.5 61.4 92.2





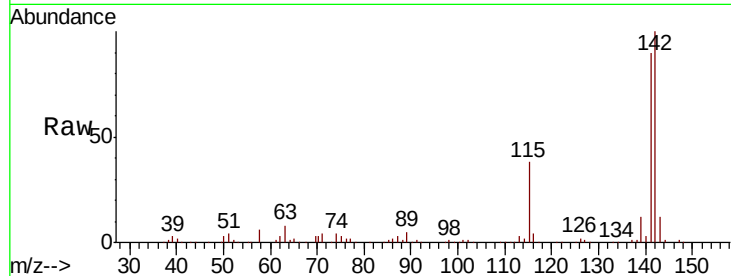
#37
2-Methylnaphthalene
Concen: 43.456 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampled :
PB118155BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.5	110.3
115	38.2	30.8	46.2

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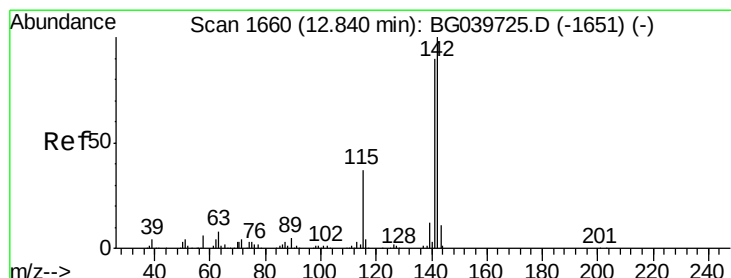
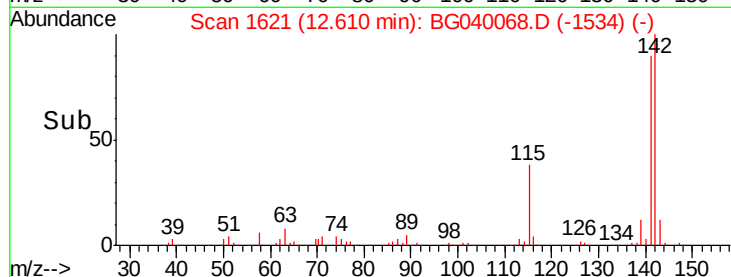
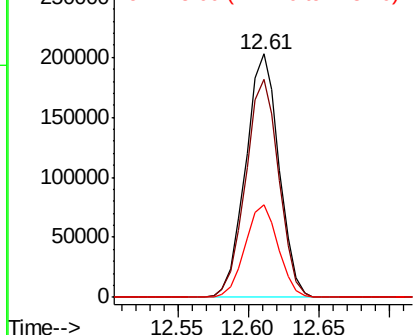


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.838 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

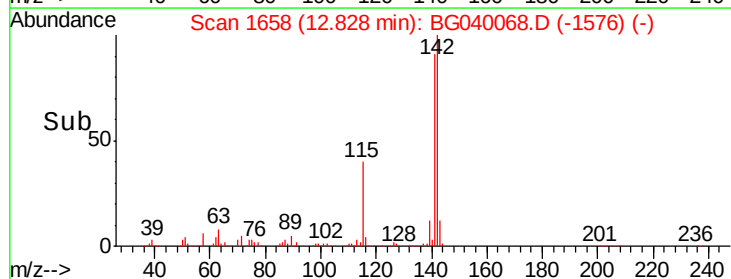
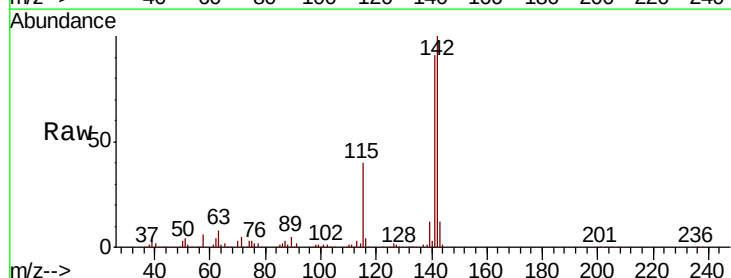
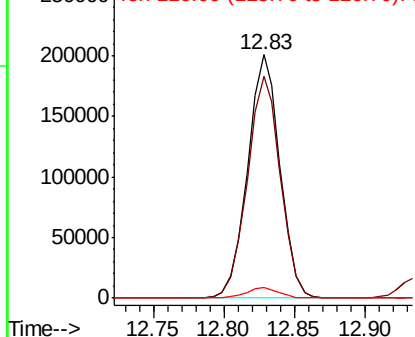
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.2	111.4
116	4.4	3.0	4.6

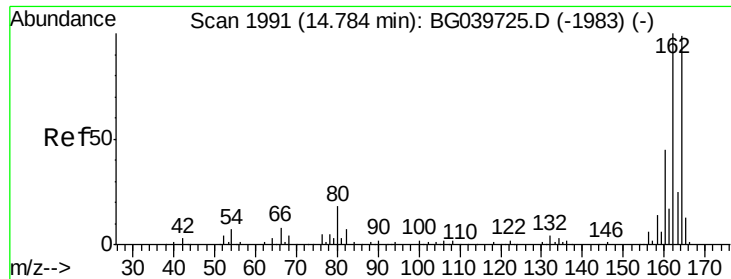
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

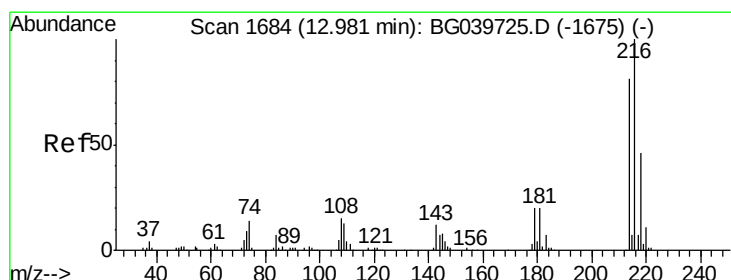
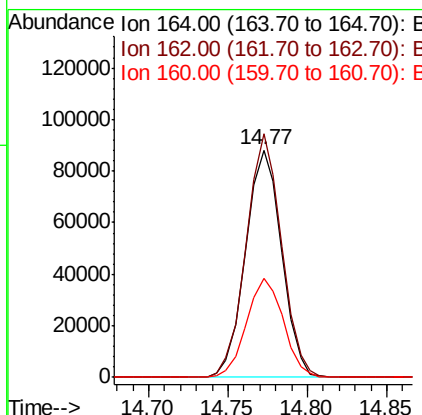
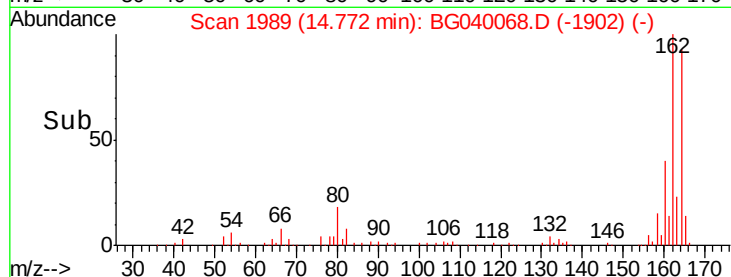
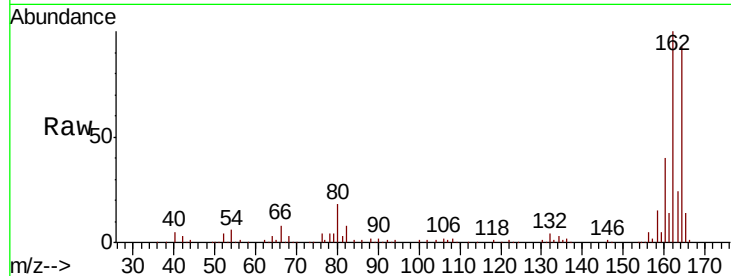
ClientSampleId :

PB118155BS

Tot Ion:	164	Resp:	139012
Ion Ratio	Lower	Upper	
164	100		
162	107.2	81.6	122.4
160	43.4	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.043 ng

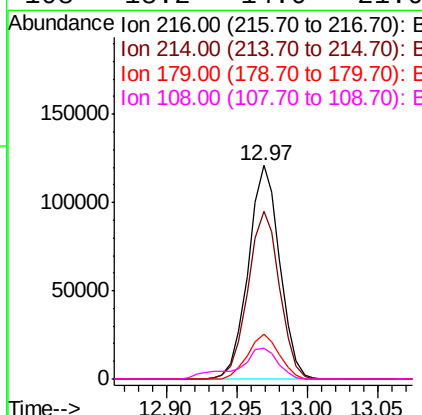
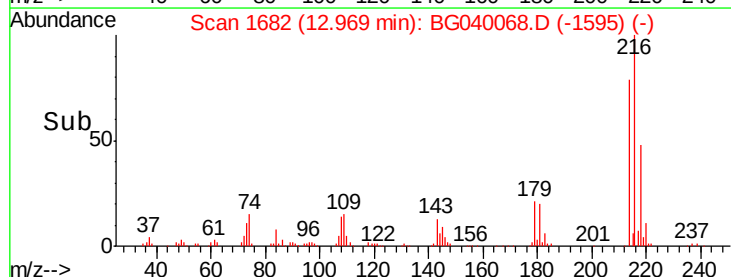
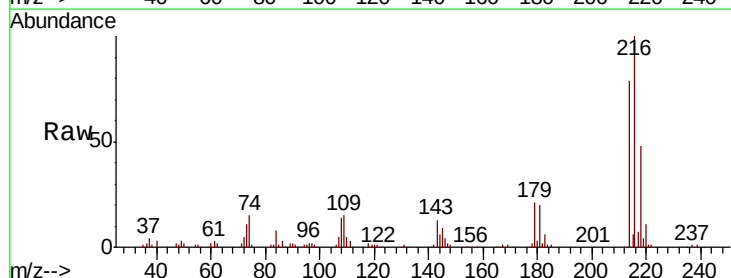
RT: 12.97 min Scan# 1682

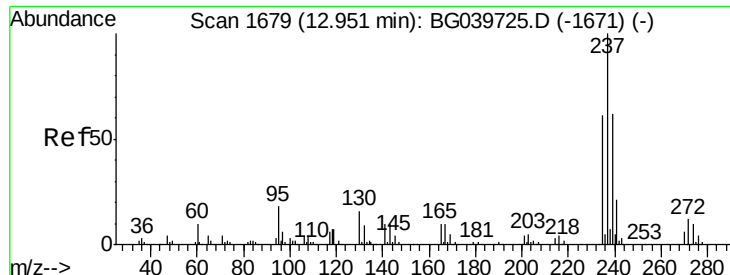
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	216	Resp:	188579
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.6	94.0
179	20.8	16.6	25.0
108	18.2	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 94.161 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

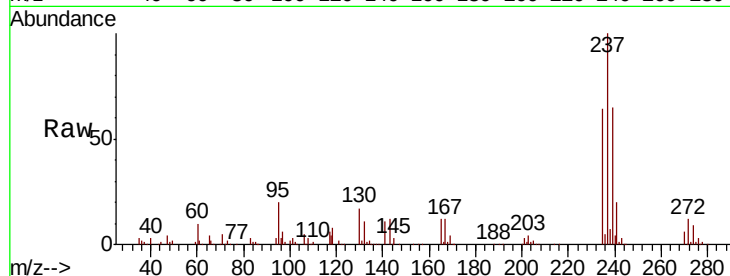
ClientSampleId :

PB118155BS

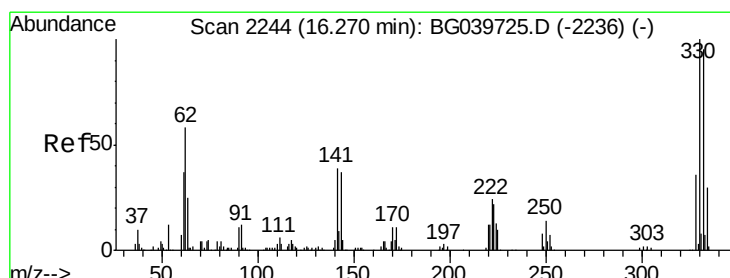
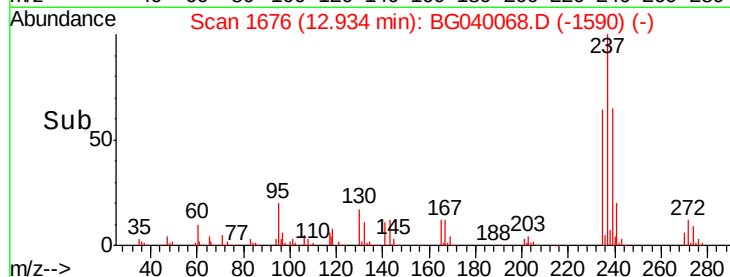
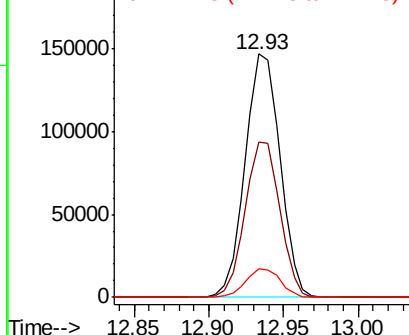
Tot Ion:	237	Resp:	237642
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.3	83.3
272	11.9	0.0	32.3

Manual Integrations
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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: 143.810 ng

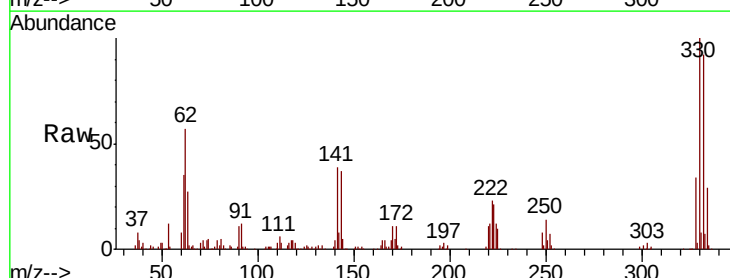
RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

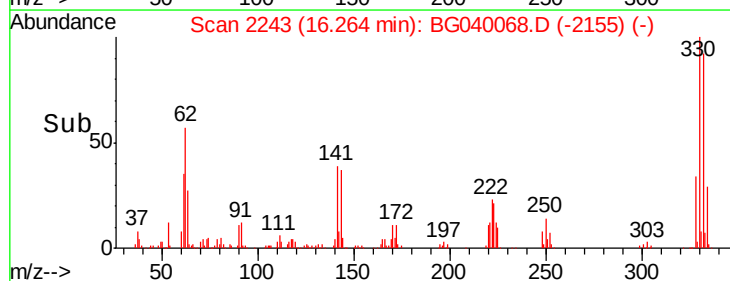
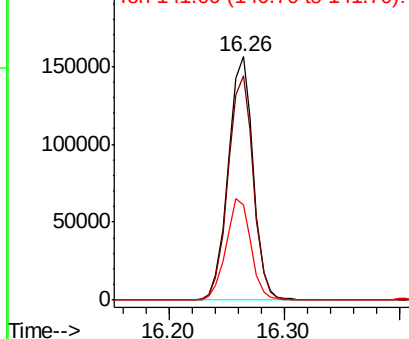
Lab File: BG040068.D

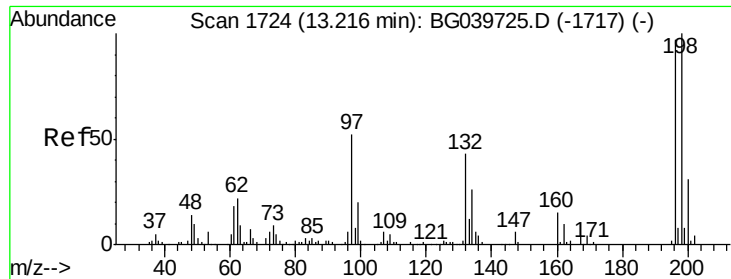
Acq: 21 Mar 2019 16:31

Tgt Ion:	330	Resp:	233014
Ion Ratio	Lower	Upper	
330	100		
332	93.1	75.7	113.5
141	41.4	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





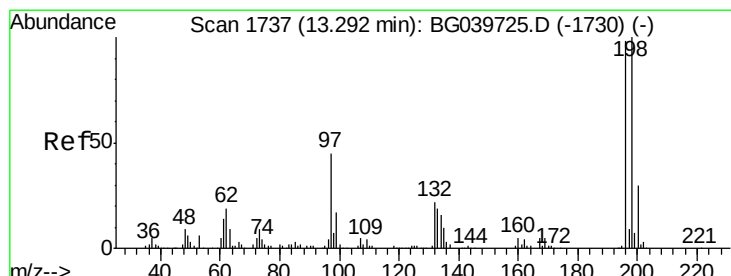
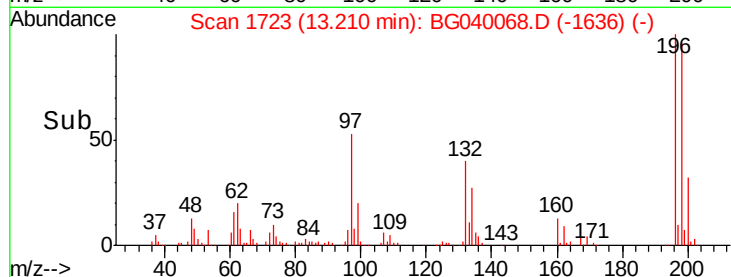
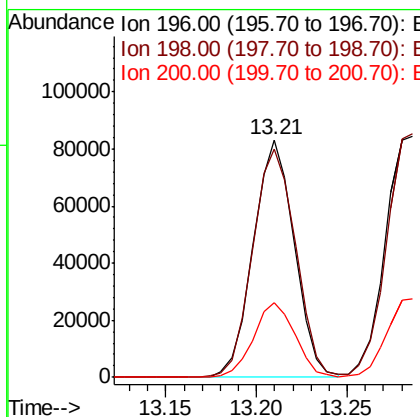
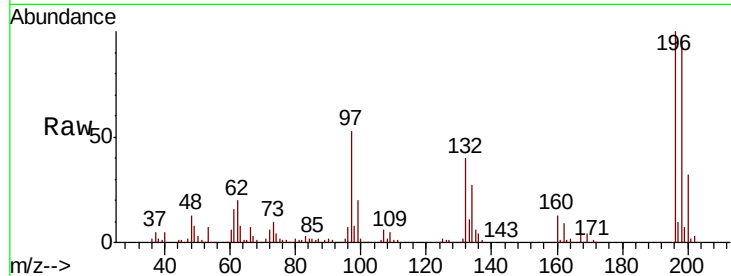
#43
 2,4,6-Trichlorophenol
 Concen: 47.424 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampled :
 PB118155BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130753		
198	96.0	80.6	121.0	
200	31.7	26.1	39.1	

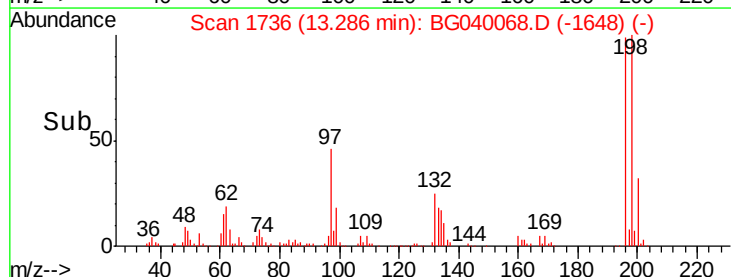
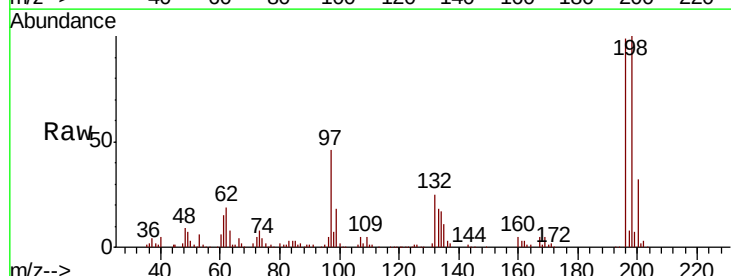
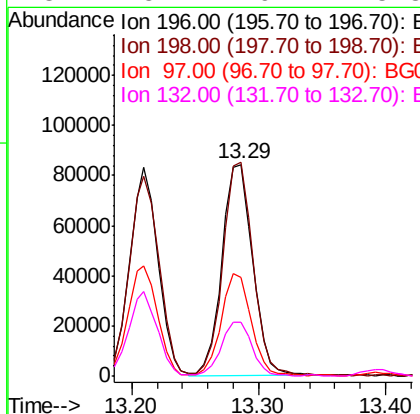
Manual Integrations
 APPROVED

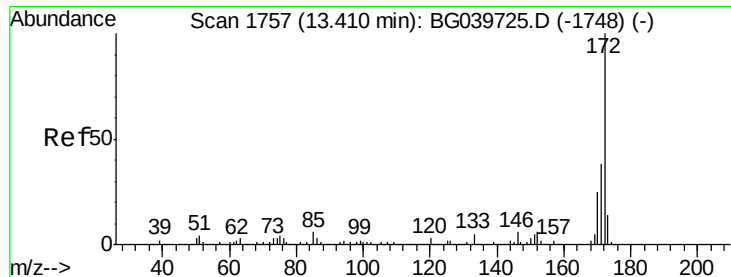
Sohil
 3/22/2019 3:59:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.499 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141400		
198	101.1	78.5	117.7	
97	46.6	38.4	57.6	
132	25.4	19.2	28.8	





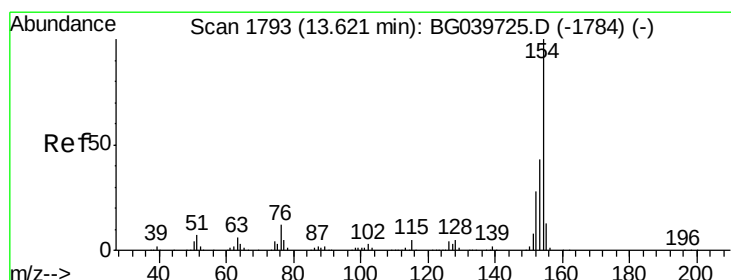
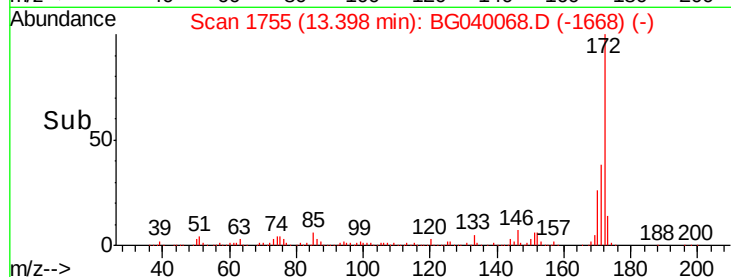
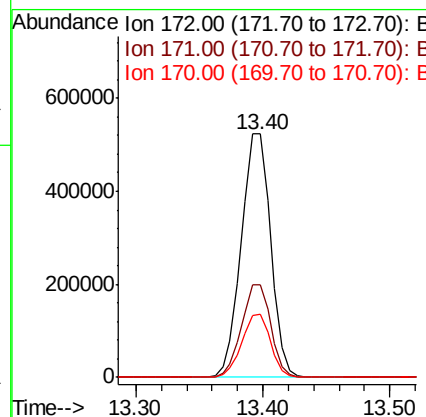
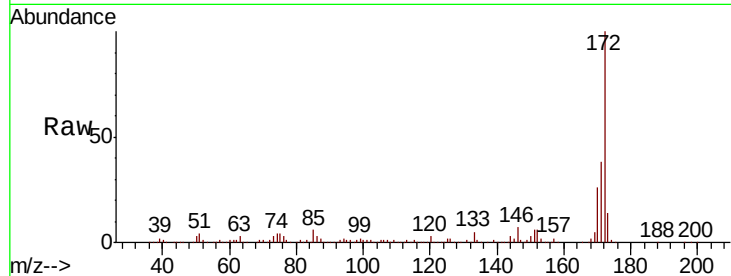
#45
2-Fluorobiphenyl
Concen: 86.337 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		842927		
171	38.3	30.8	46.2		
170	25.7	20.2	30.4		

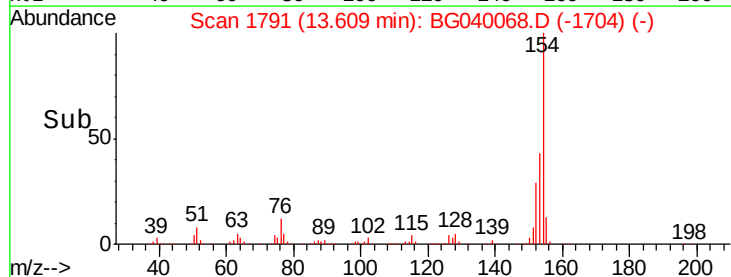
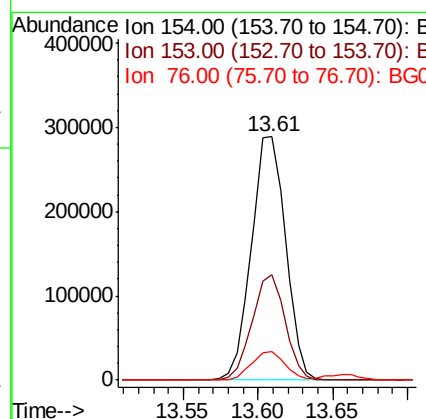
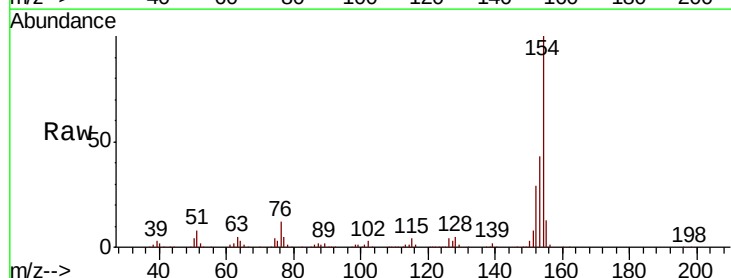
Manual Integrations
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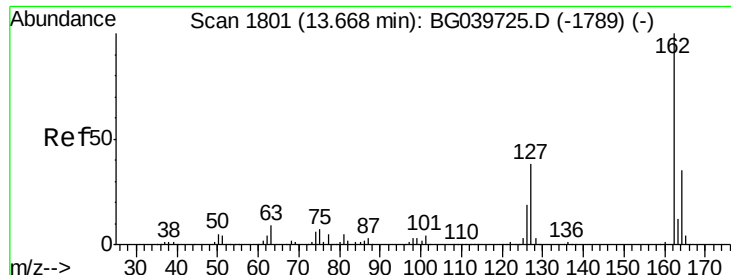
Sohil
3/22/2019 3:59:49 PM



#46
1,1'-Biphenyl
Concen: 39.923 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		456458		
153	43.4	22.1	62.1		
76	11.9	0.0	32.4		





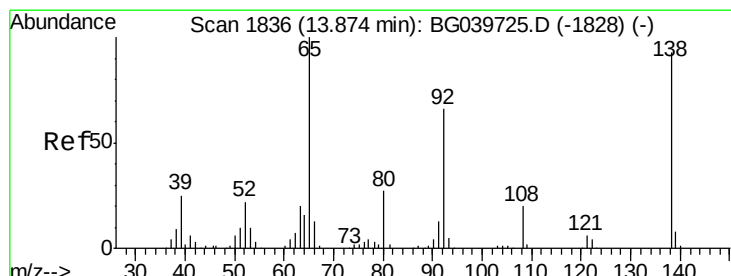
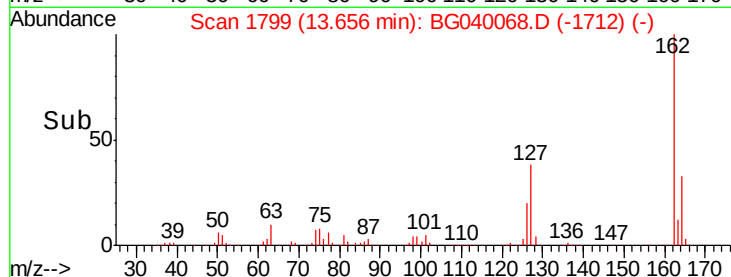
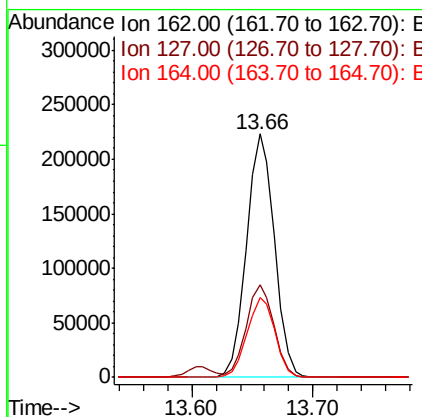
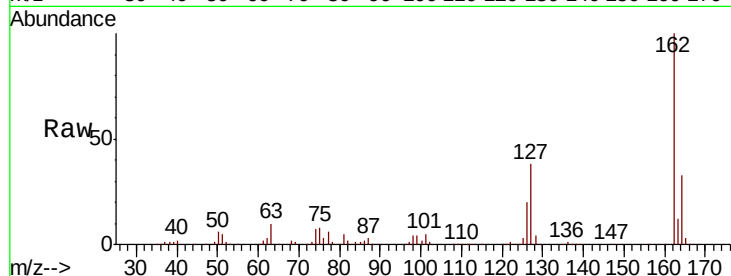
#47
 2-Chloronaphthalene
 Concen: 41.778 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tot Ion:	162	Resp:	359344
Ion Ratio	Lower	Upper	
162	100		
127	38.2	31.0	46.6
164	32.6	25.7	38.5

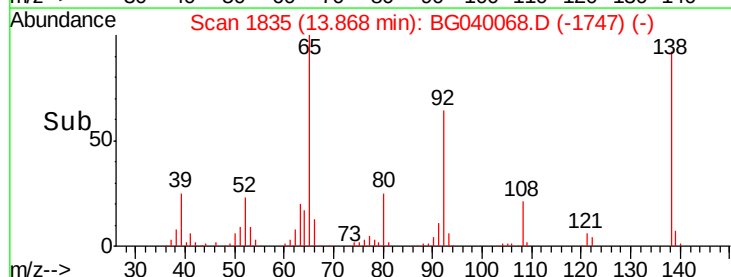
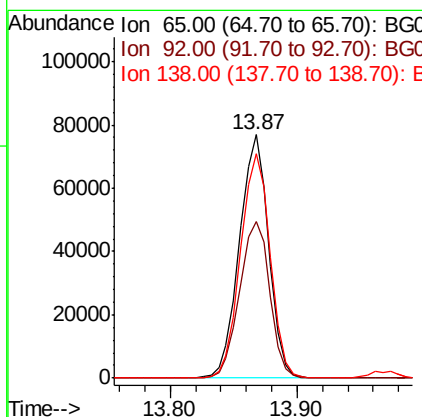
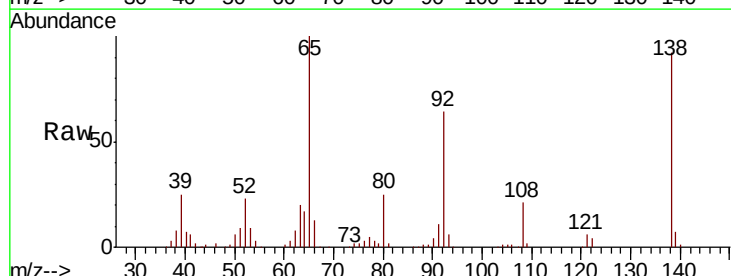
Manual Integrations
 APPROVED

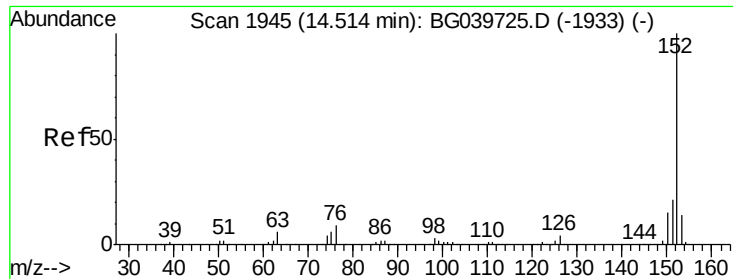
Sohil
 3/22/2019 3:59:49 PM



#48
 2-Nitroaniline
 Concen: 44.418 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion:	65	Resp:	122781
Ion Ratio	Lower	Upper	
65	100		
92	64.1	51.4	77.2
138	92.4	71.4	107.2





#49

Acenaphthylene

Concen: 41.049 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

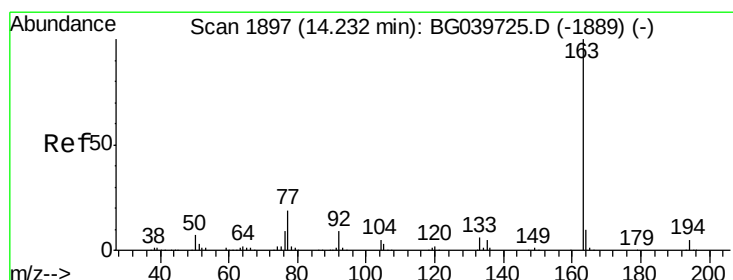
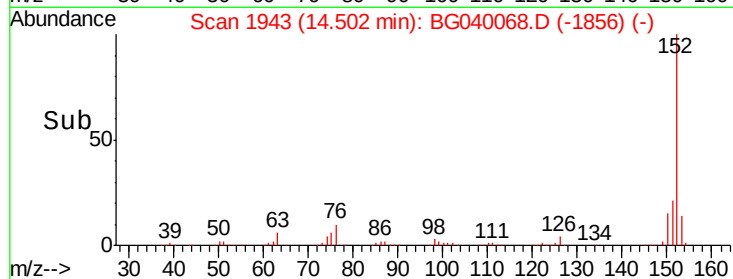
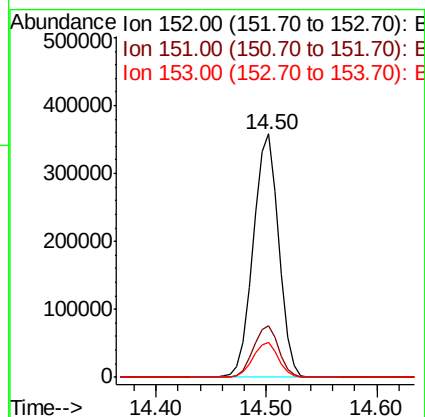
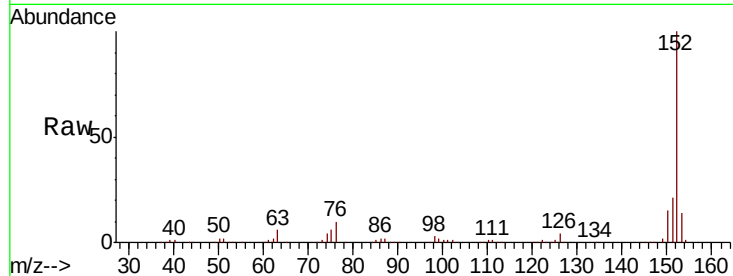
ClientSampleId :

PB118155BS

Tot Ion:	152	Resp:	579618
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	14.2	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.144 ng

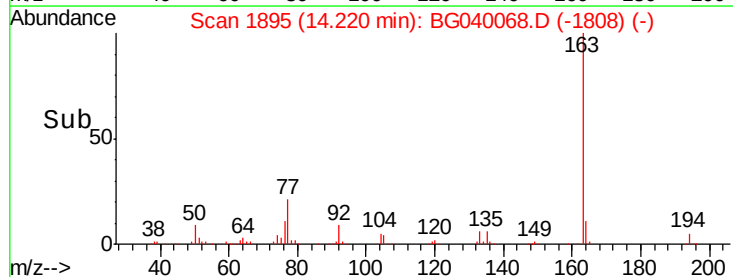
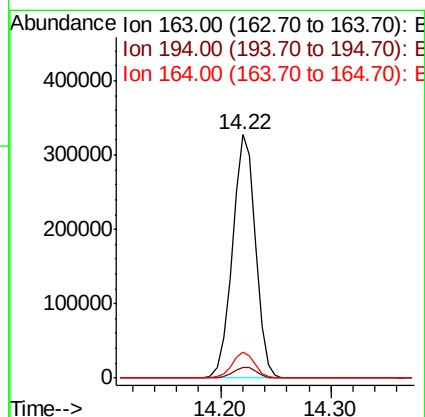
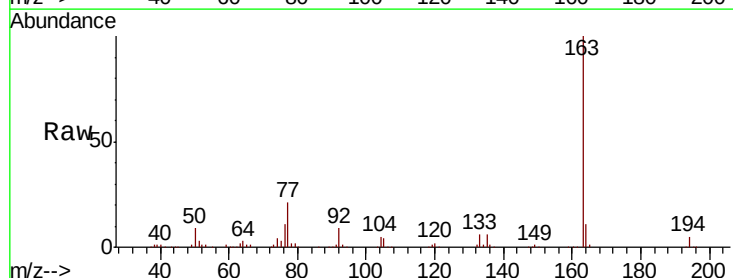
RT: 14.22 min Scan# 1895

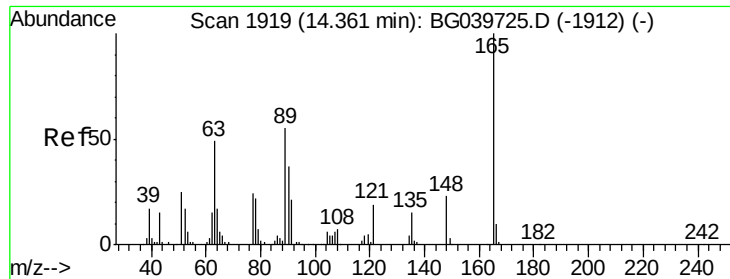
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	163	Resp:	478257
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.9	8.4	12.6





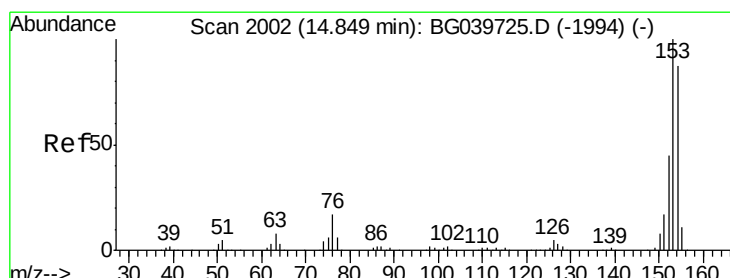
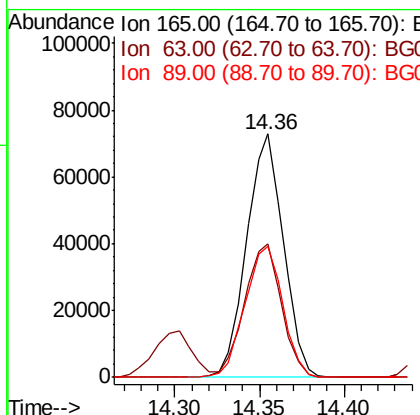
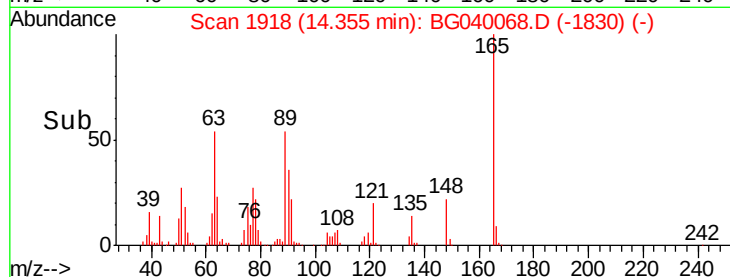
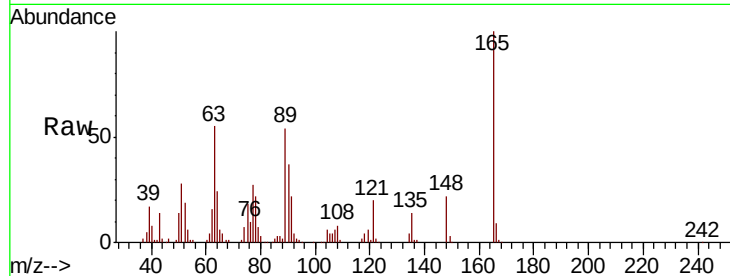
#51
2,6-Dinitrotoluene
Concen: 44.629 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampled :
PB118155BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	109977		
63	54.9	47.0	70.6	
89	53.8	45.8	68.8	

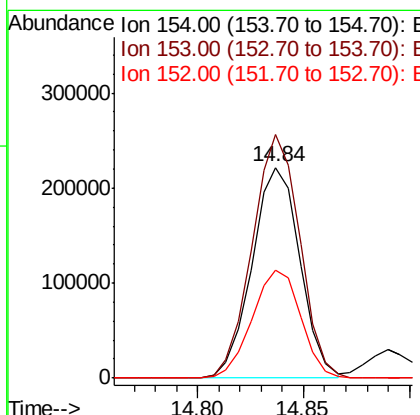
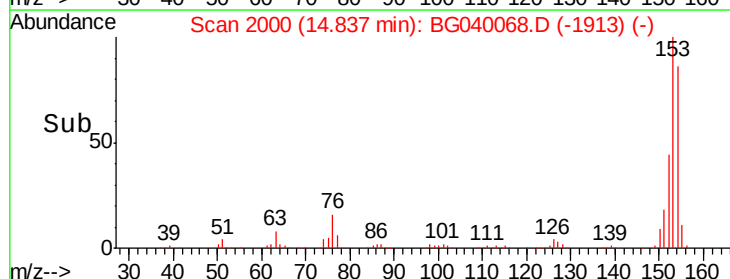
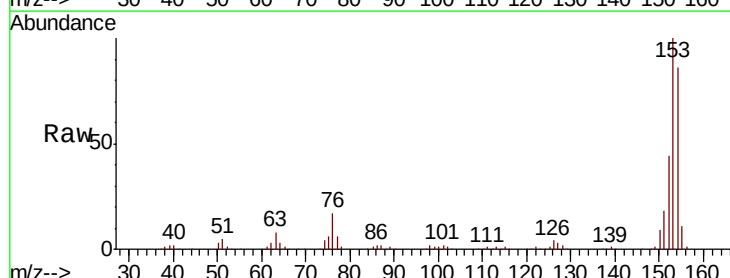
Manual Integrations
APPROVED

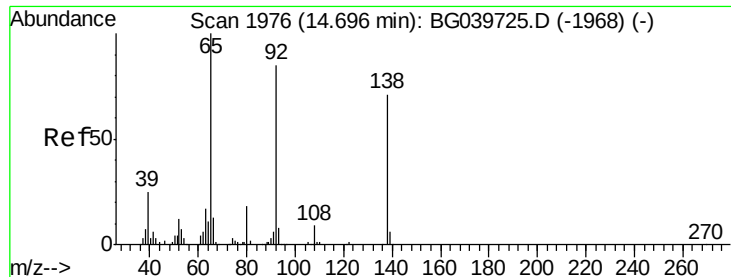
Sohil
3/22/2019 3:59:49 PM



#52
Acenaphthene
Concen: 41.079 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	349111		
153	115.8	90.1	135.1	
152	51.1	40.9	61.3	





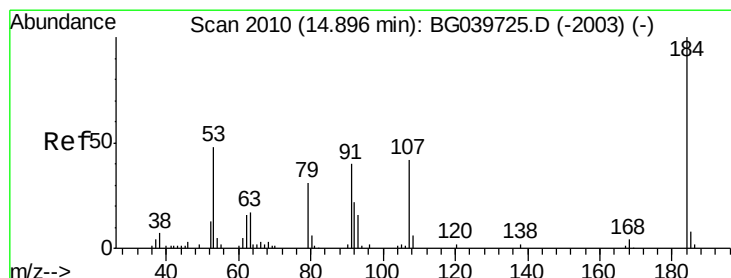
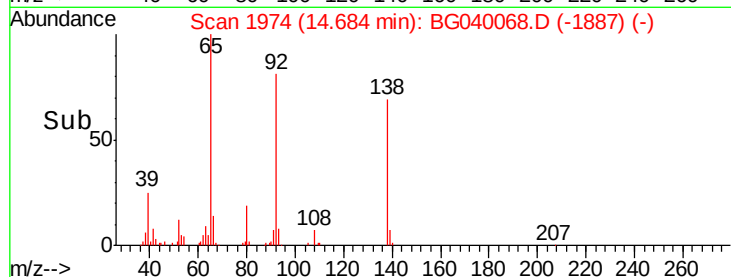
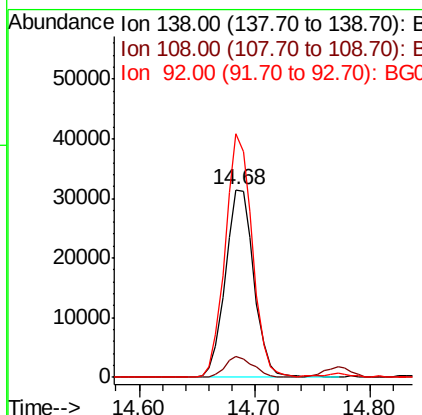
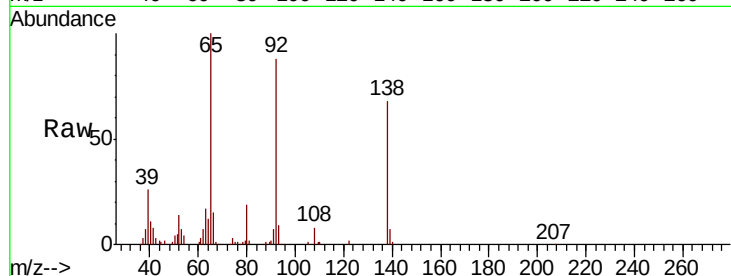
#53
 3-Nitroaniline
 Concen: 21.720 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampled :
 PB118155BS

Tot Ion:138 Resp: 53803
 Ion Ratio Lower Upper
 138 100
 108 11.4 13.8 20.8#
 92 129.7 103.7 155.5

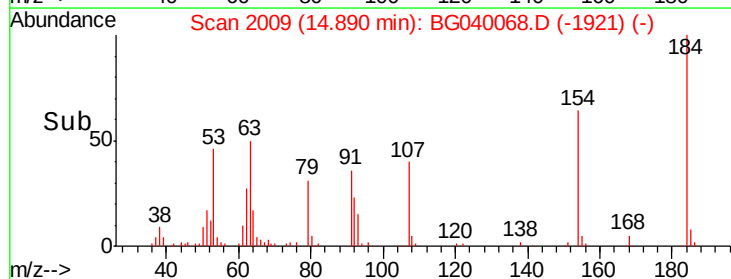
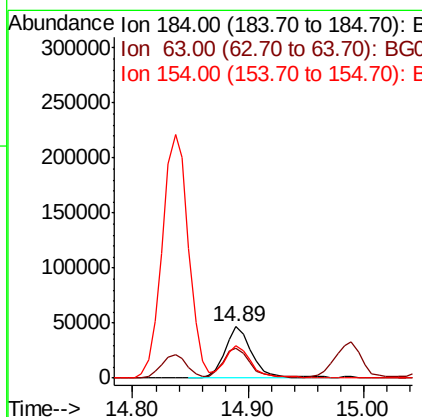
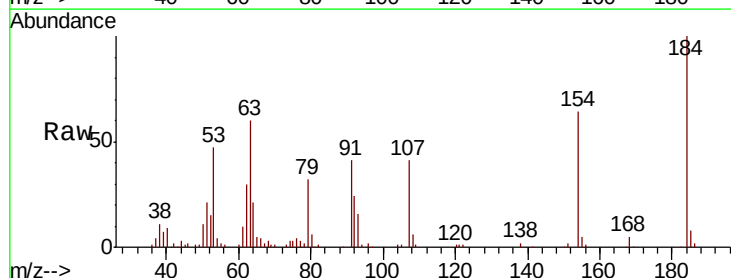
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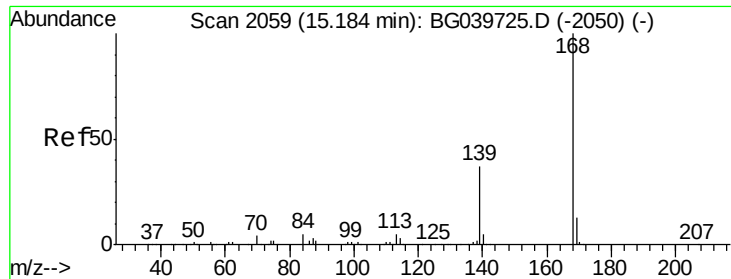
Sohil
 3/22/2019 3:59:49 PM



#54
 2,4-Dinitrophenol
 Concen: 50.697 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion:184 Resp: 75583
 Ion Ratio Lower Upper
 184 100
 63 59.6 50.9 76.3
 154 63.5 53.0 79.6





#55

Dibenzenofuran

Concen: 41.243 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

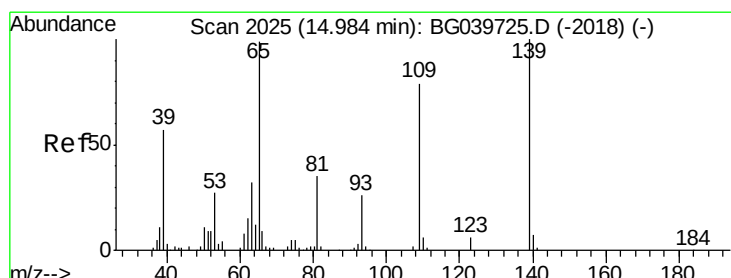
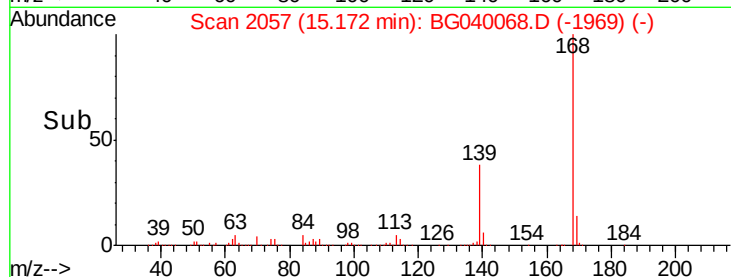
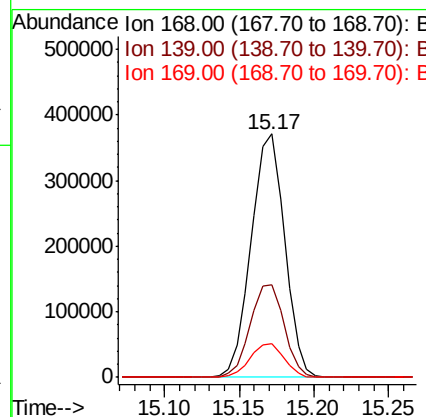
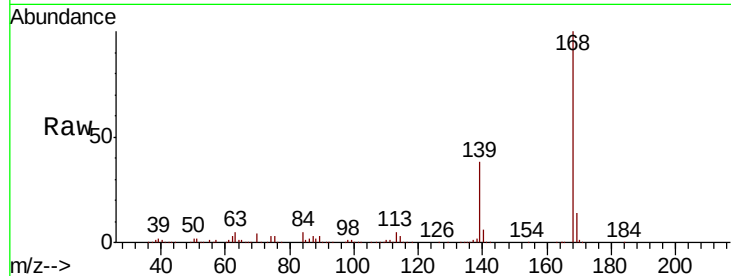
ClientSampleId :

PB118155BS

Tot Ion:	168	Resp:	575062
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.1	45.1
169	13.7	10.6	16.0

Manual Integrations
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3/22/2019 3:59:49 PM



#56

4-Nitrophenol

Concen: 78.516 ng

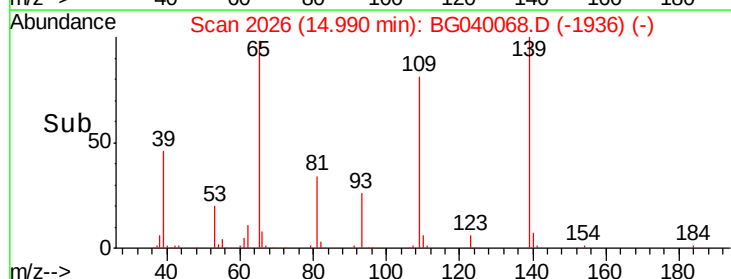
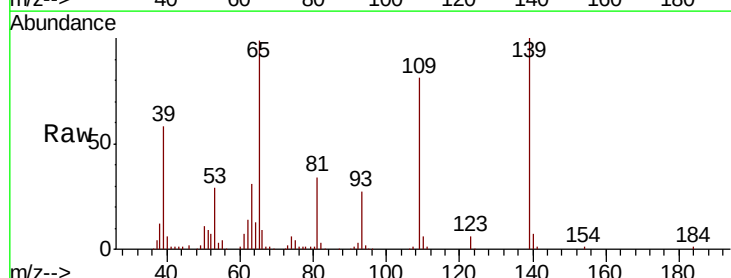
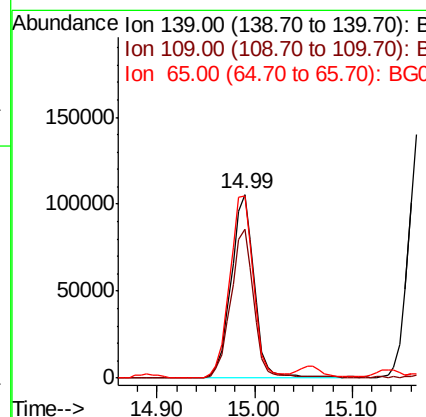
RT: 14.99 min Scan# 2026

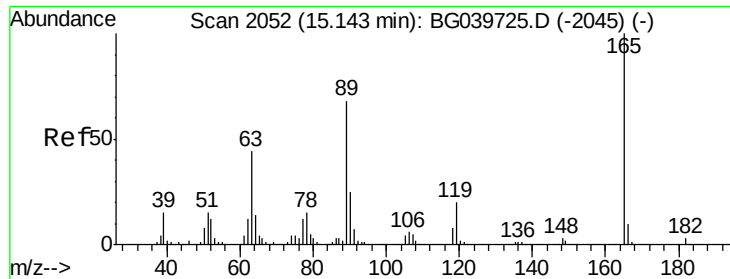
Delta R.T. -0.00 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	139	Resp:	173986
Ion Ratio	Lower	Upper	
139	100		
109	81.2	61.9	101.9
65	99.3	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 45.429 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

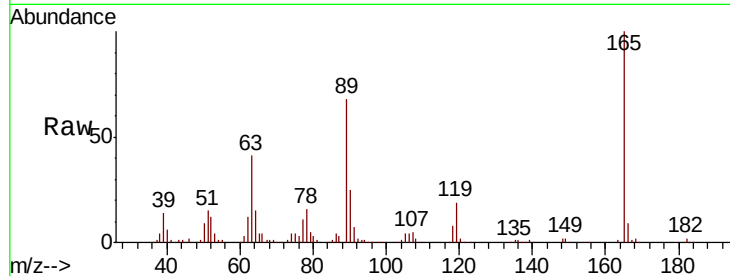
ClientSampleId :

PB118155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	40.5		41.0	61.6	#
89	67.7		64.6	96.8	
182	2.4		2.0	3.0	

Manual Integrations
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Sohil
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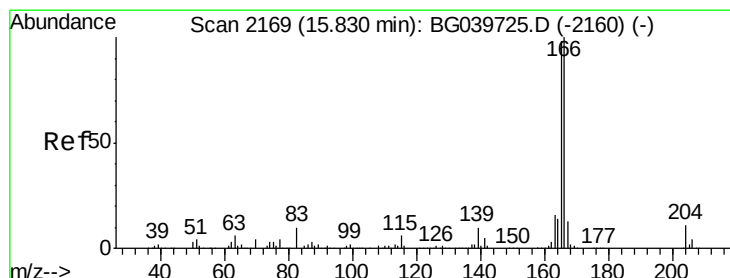
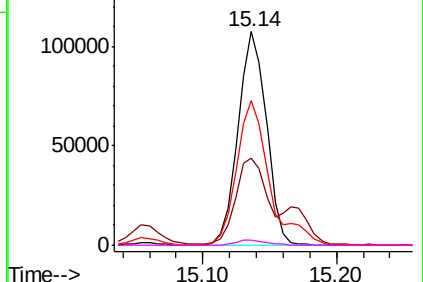
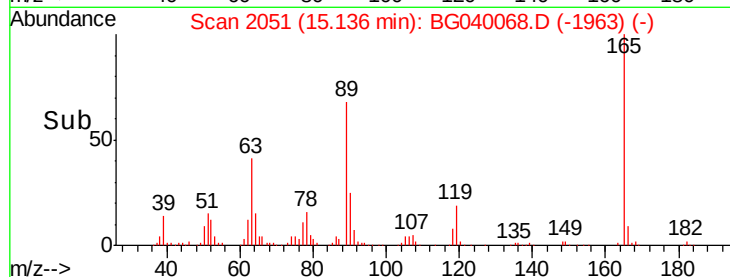


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.026 ng

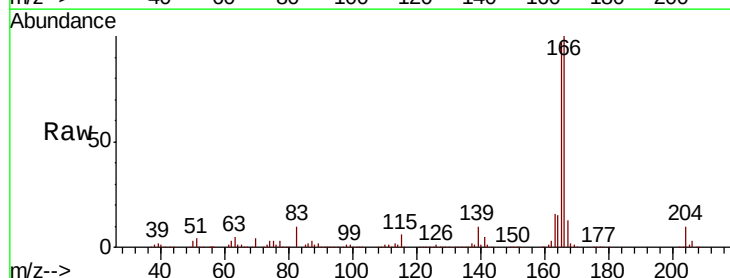
RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

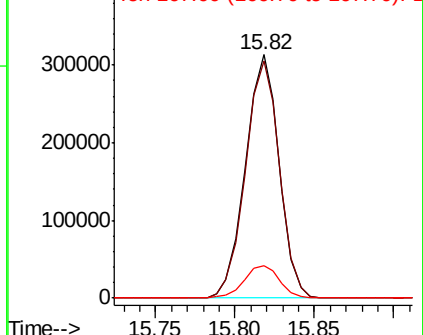
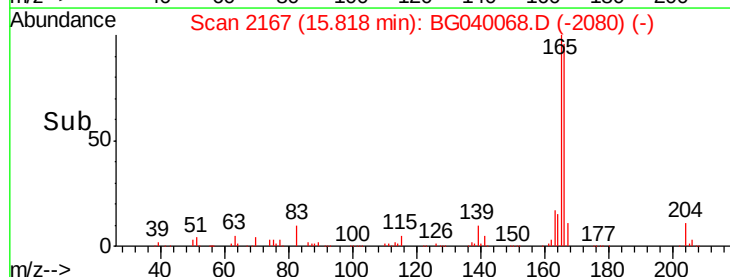
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	97.3		77.9	116.9	
167	13.2		10.8	16.2	

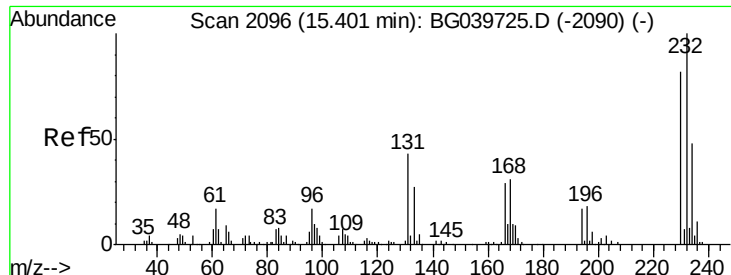


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





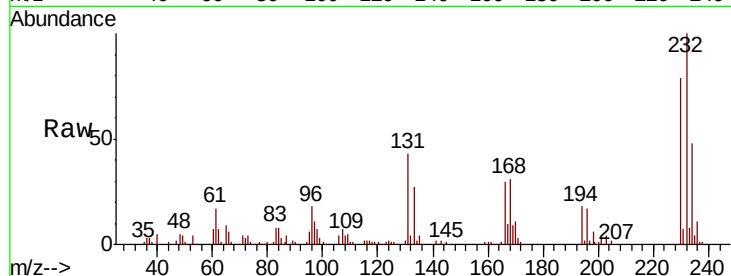
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.271 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampled :
 PB118155BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	140438		
131	41.8	34.9	52.3	
130	2.2	2.0	3.0	
166	29.8	24.1	36.1	

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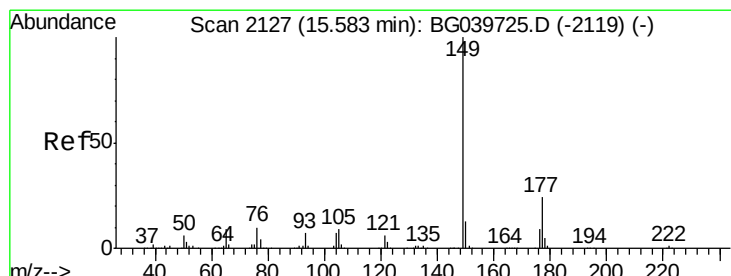
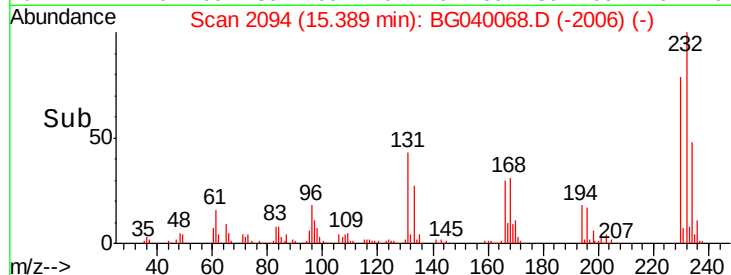
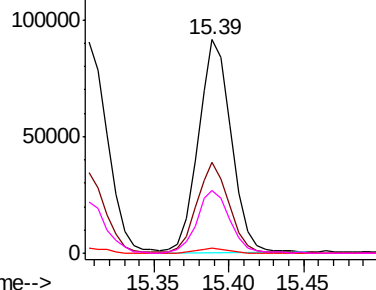
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.035 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

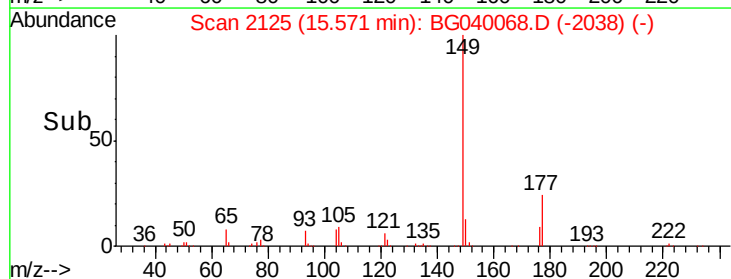
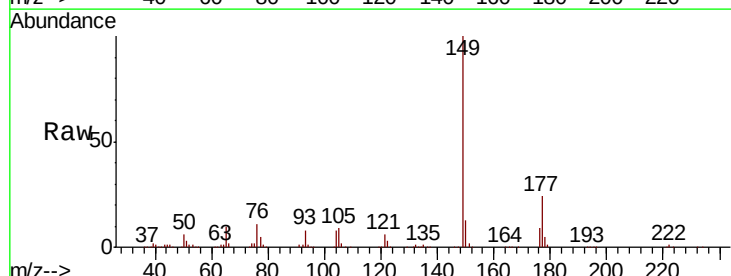
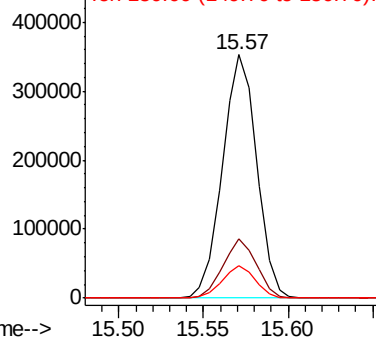
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	495208		
177	24.5	18.3	27.5	
150	13.1	10.2	15.2	

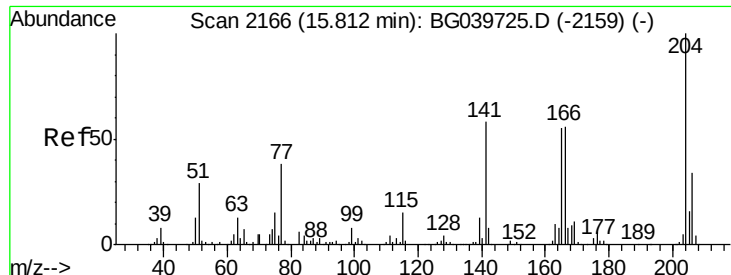
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





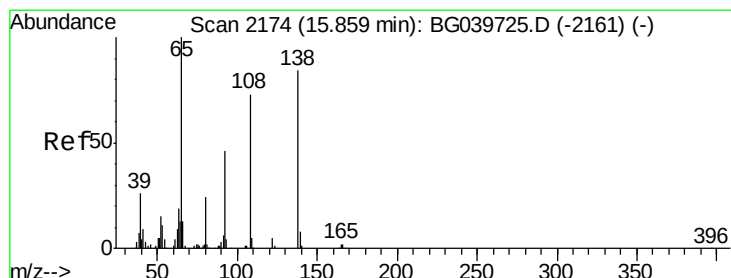
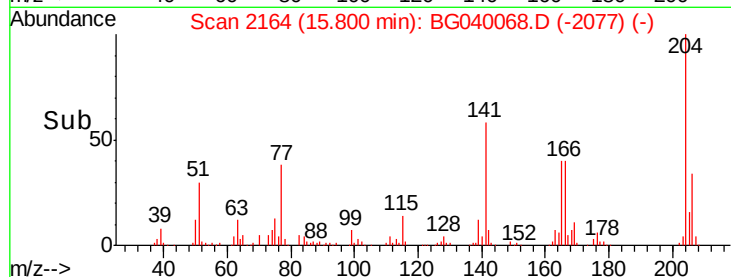
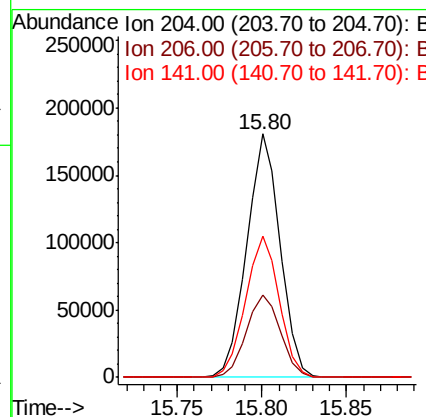
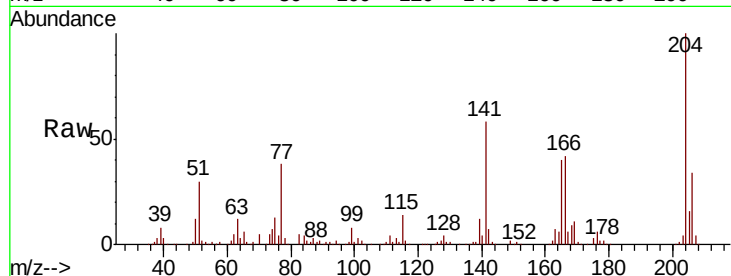
#61
4-Chlorophenyl-phenylether
Concen: 42.297 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	29.2	43.8
141	58.0	49.0	73.4

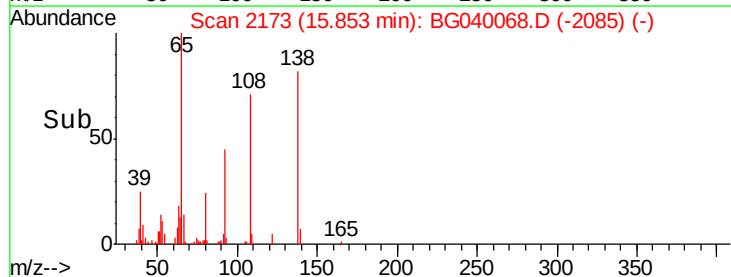
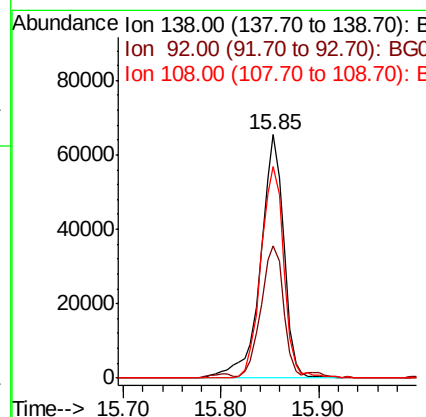
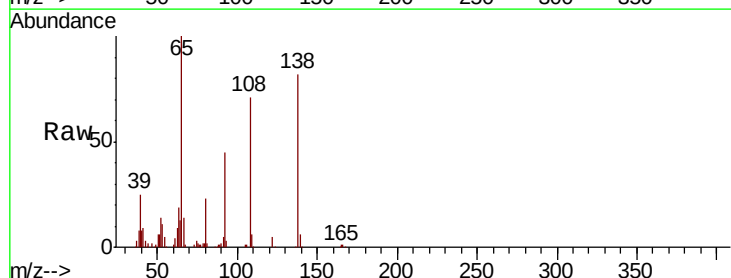
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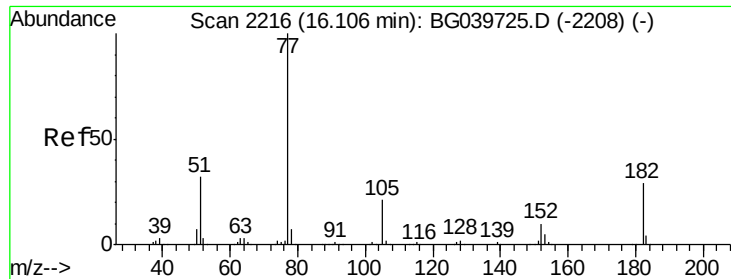
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#62
4-Nitroaniline
Concen: 40.797 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	38.7	78.7
108	86.8	74.6	114.6





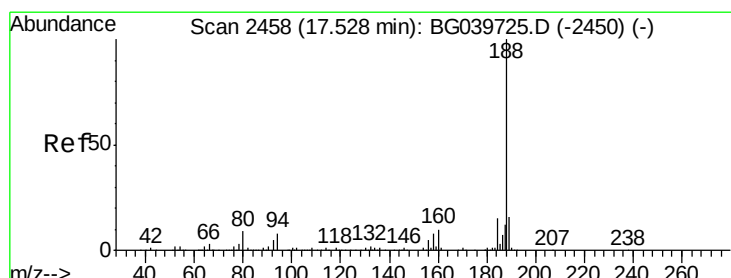
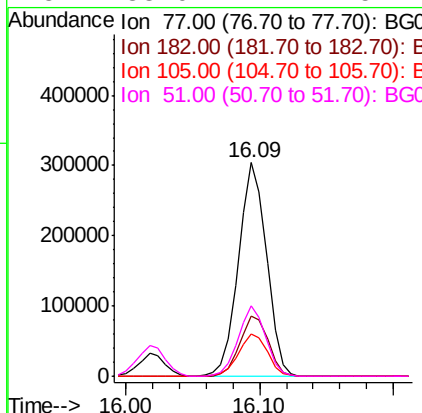
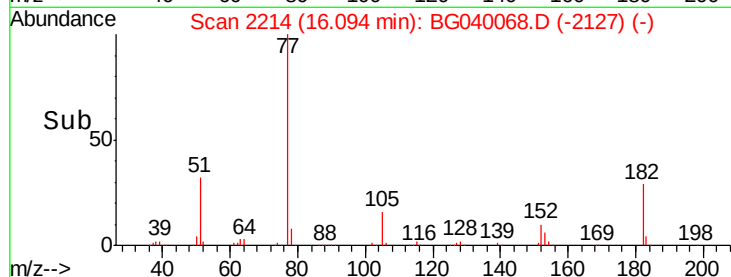
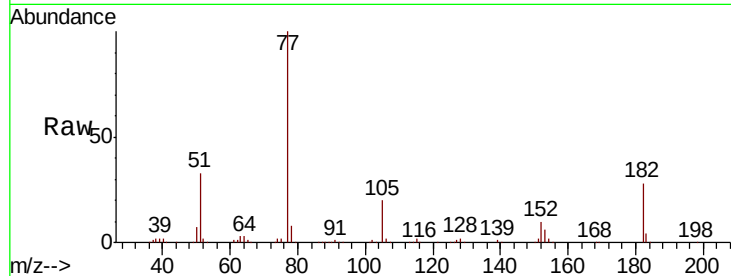
#63
Azobenzene
Concen: 42.456 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		442850		
182	28.3	6.4	46.4		
105	20.0	0.0	39.8		
51	33.0	14.1	54.1		

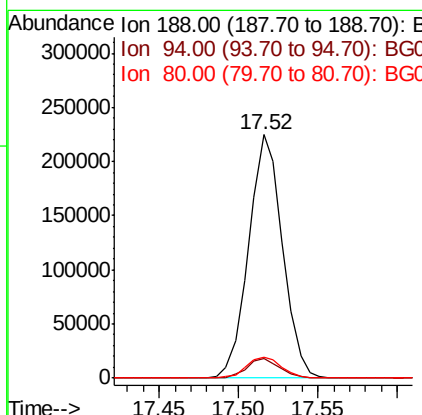
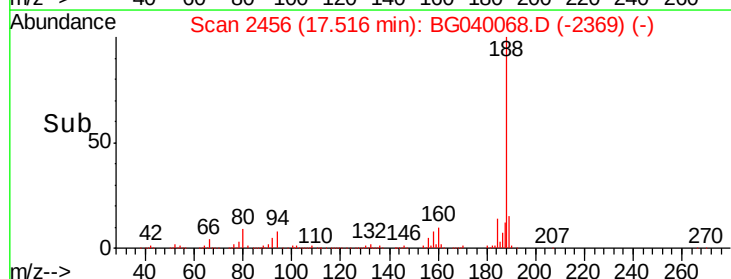
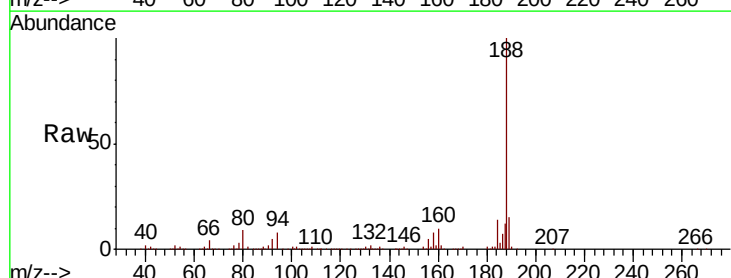
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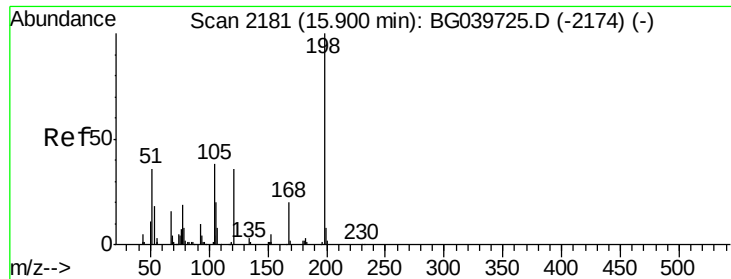
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		332765		
94	8.1	6.9	10.3		
80	8.7	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.386 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

Tot Ion:198 Resp: 75525

Ion Ratio Lower Upper

198 100

51 46.5 27.4 67.4

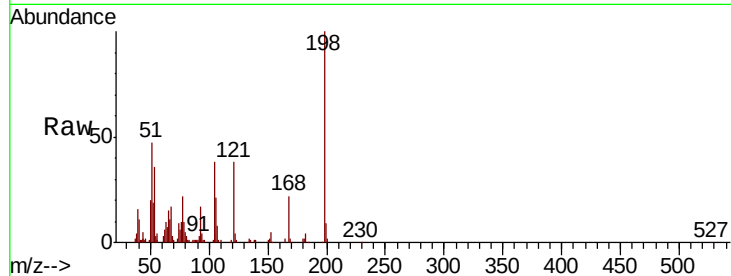
105 37.8 19.7 59.7

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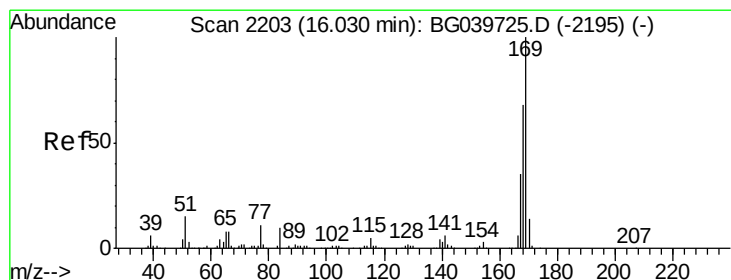
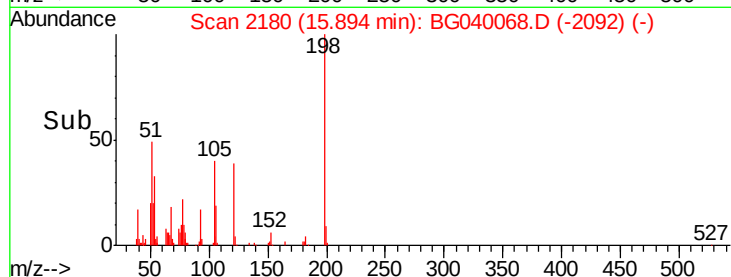
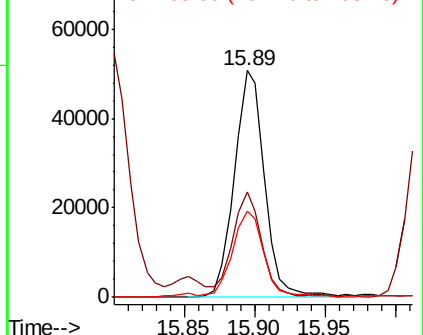
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.088 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

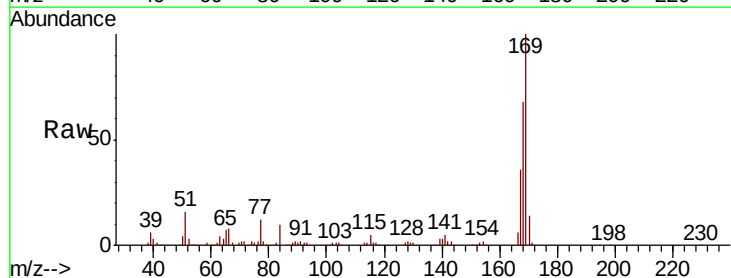
Tgt Ion:169 Resp: 424724

Ion Ratio Lower Upper

169 100

168 67.6 56.6 85.0

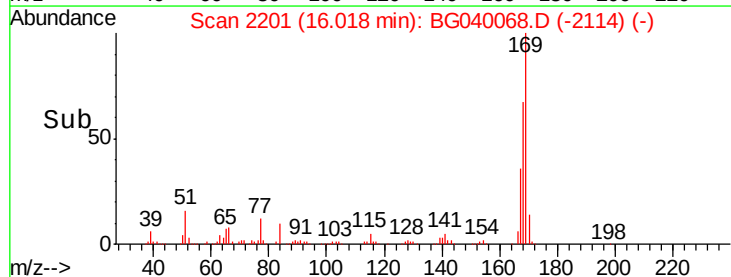
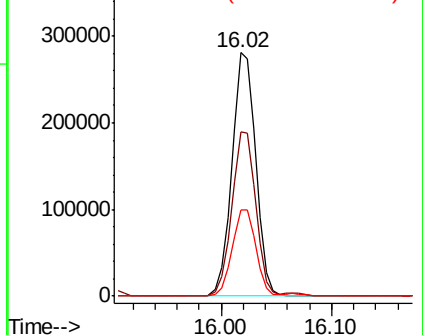
167 35.6 28.8 43.2

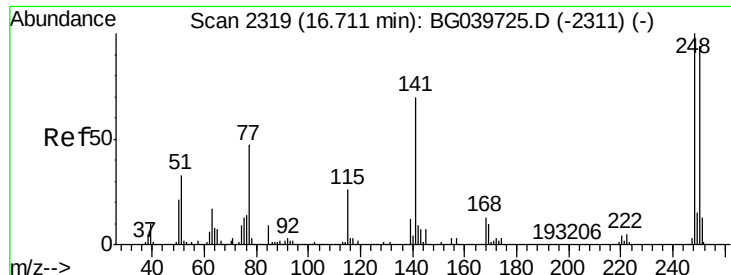


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





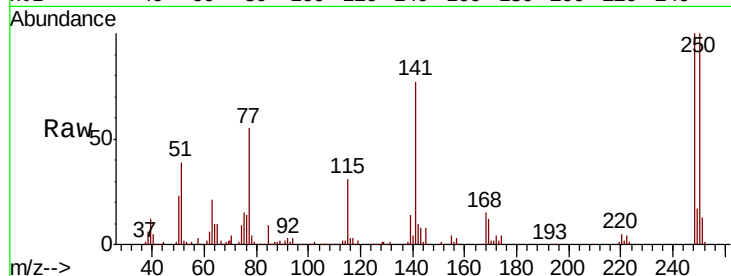
#67
4-Bromophenyl-phenylether
Concen: 42.146 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampled :
PB118155BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.6	116.4
141	76.9	63.9	95.9

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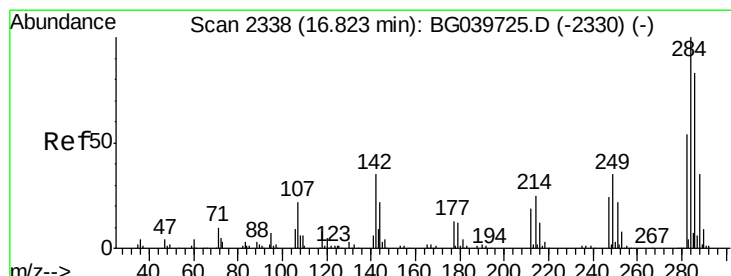
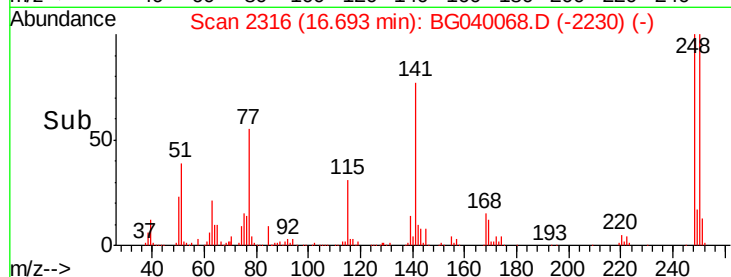
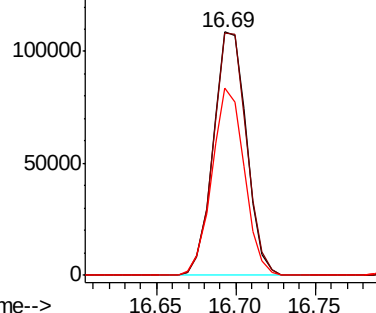


Abundance

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: 42.713 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

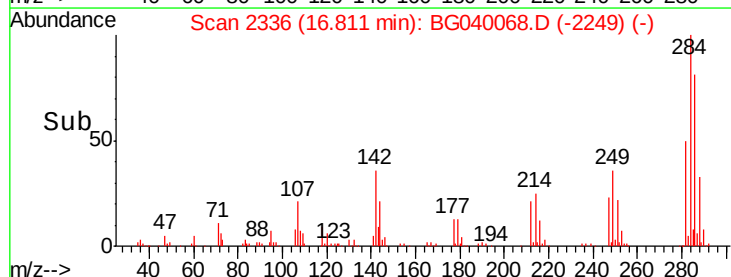
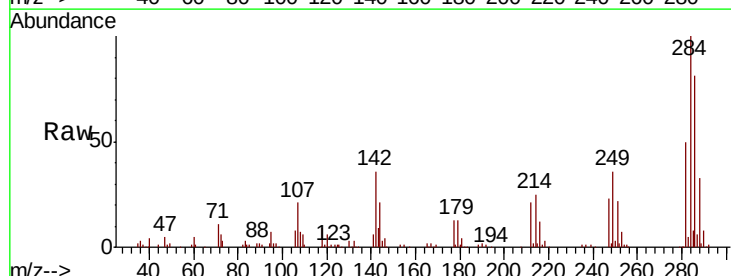
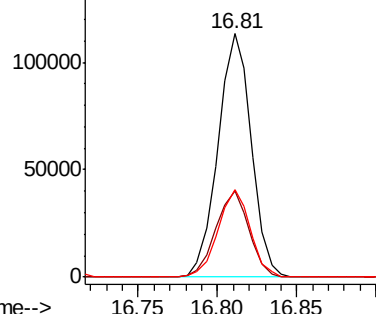
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	30.6	45.8
249	35.7	28.2	42.2

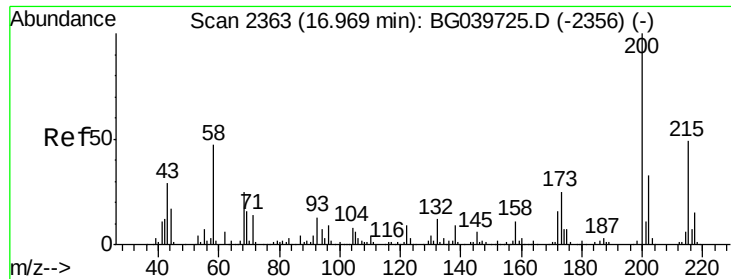
Abundance

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





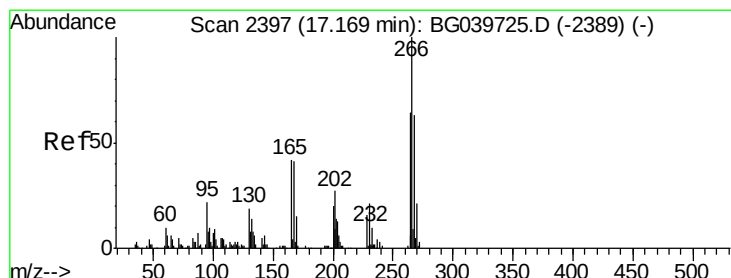
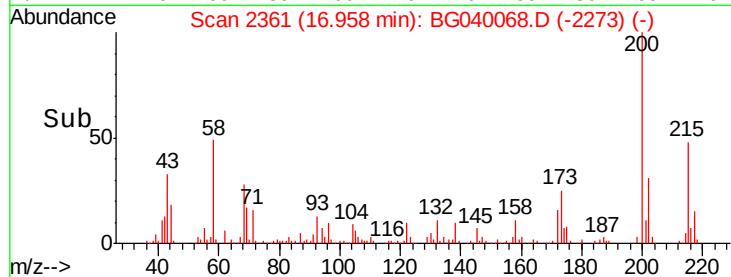
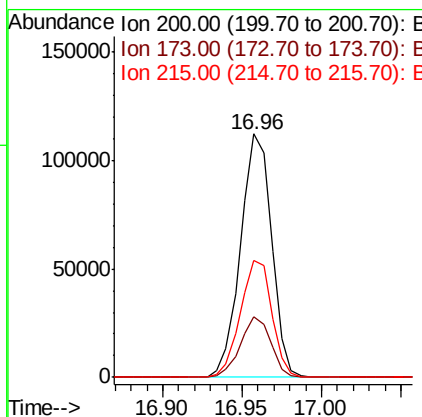
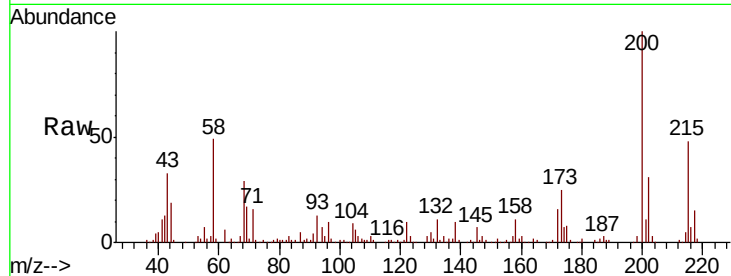
#69
 Atrazine
 Concen: 40.288 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.6	3.9	43.9
215	47.8	30.9	70.9

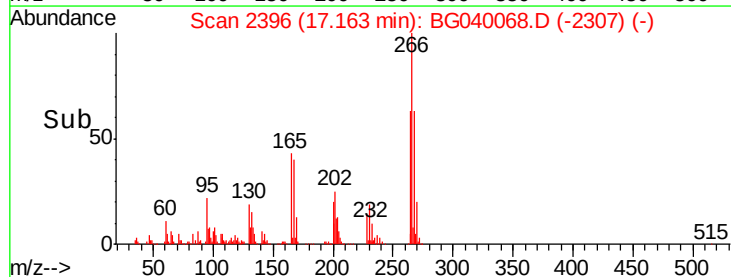
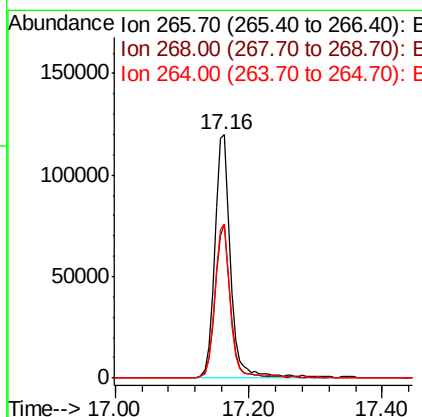
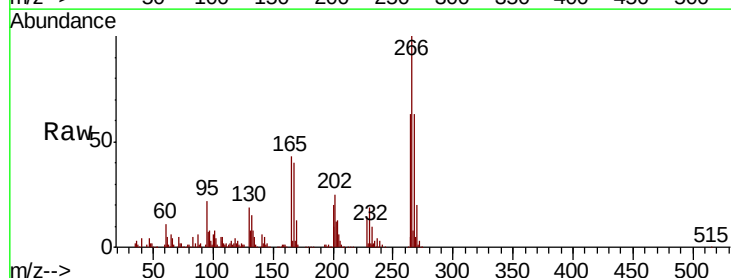
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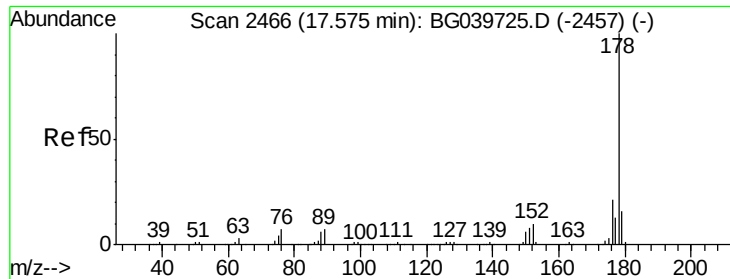
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#70
 Pentachlorophenol
 Concen: 82.877 ng
 RT: 17.16 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.3	52.1	78.1





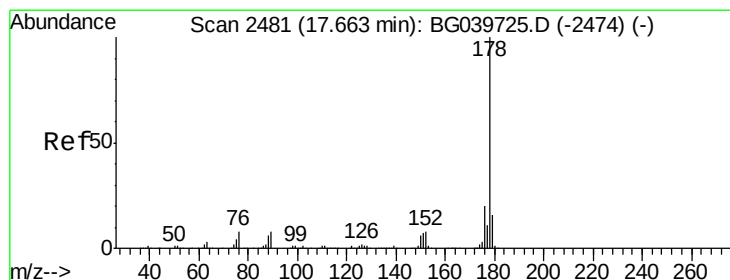
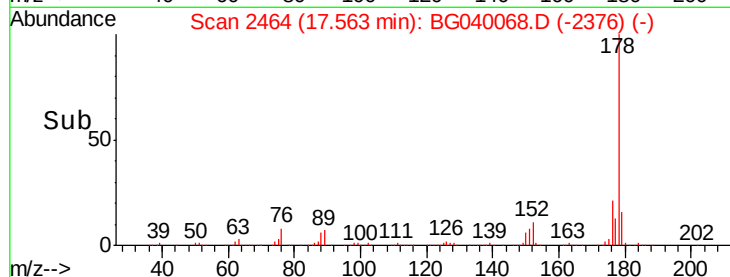
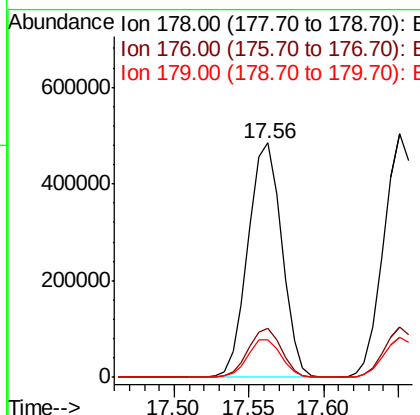
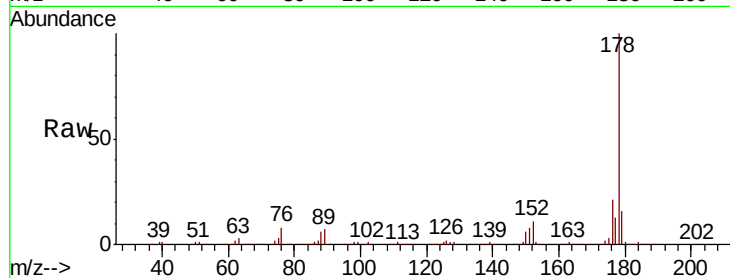
#71
 Phenanthrene
 Concen: 41.422 ng
 RT: 17.56 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Instrument :
 BNA_G
 ClientSampleId :
 PB118155BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	16.1	12.6	19.0

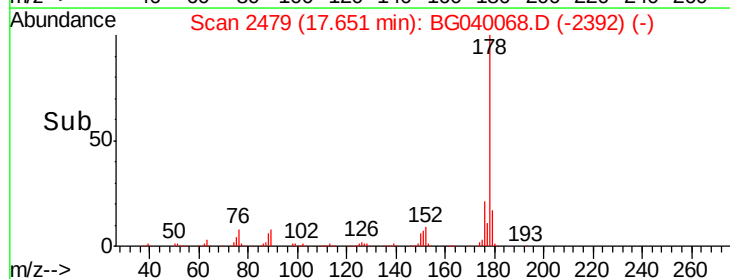
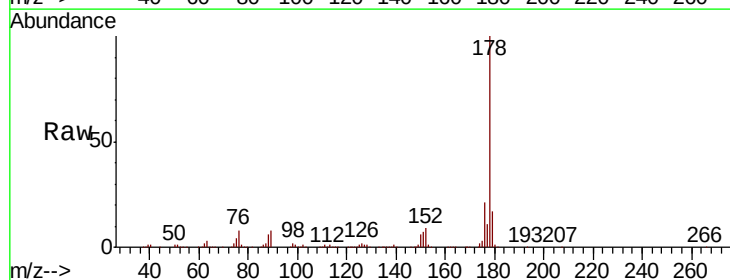
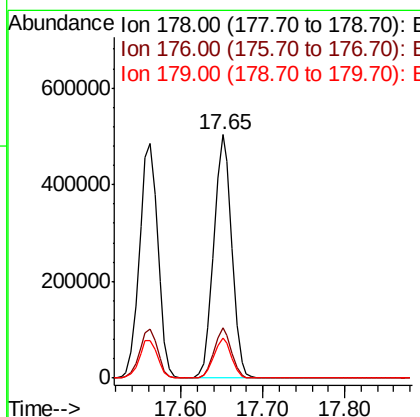
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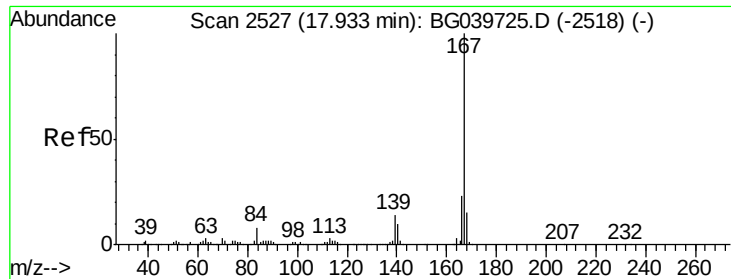
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#72
 Anthracene
 Concen: 43.101 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG040068.D
 Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.6
179	16.7	12.5	18.7





#73

Carbazole

Concen: 40.929 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

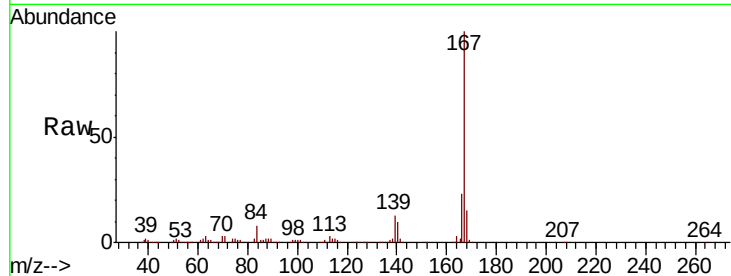
ClientSampleId :

PB118155BS

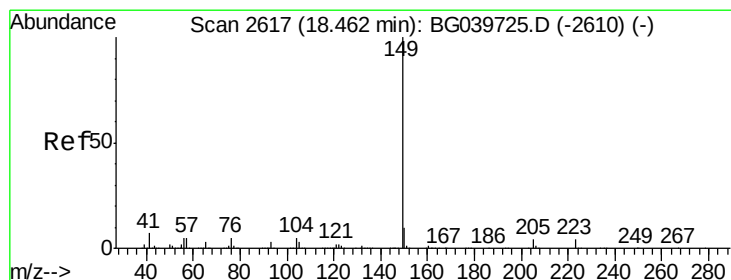
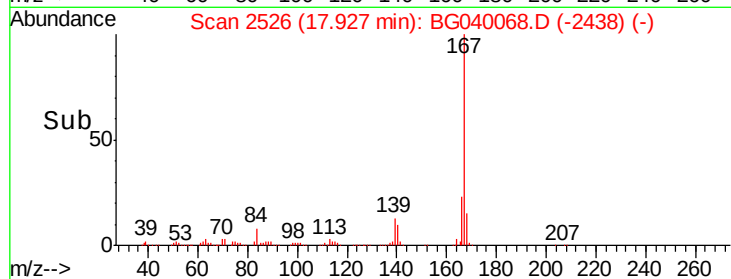
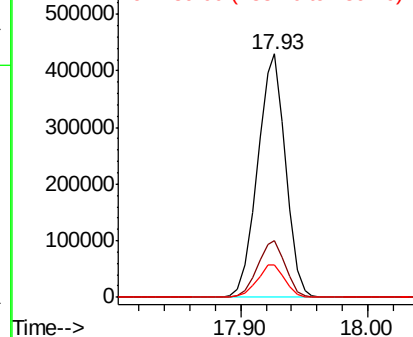
Tot Ion:	167	Resp:	659051
Ion Ratio	Lower	Upper	
167	100		
166	23.3	19.4	29.2
139	13.5	10.8	16.2

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.585 ng

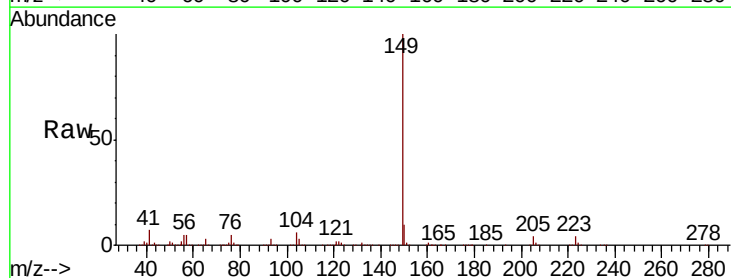
RT: 18.45 min Scan# 2615

Delta R.T. -0.02 min

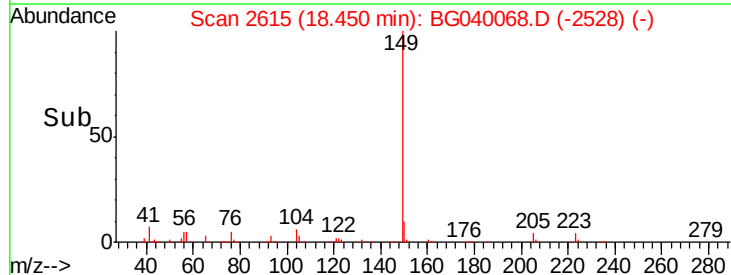
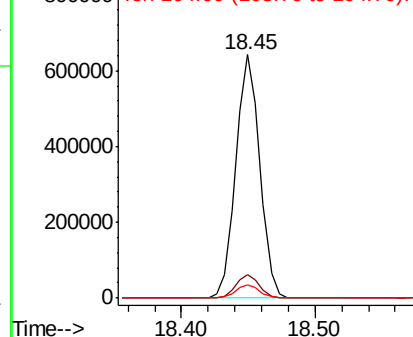
Lab File: BG040068.D

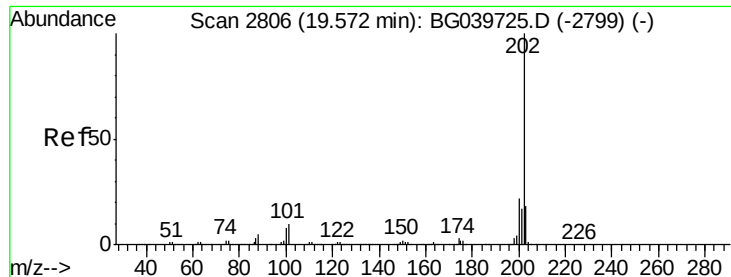
Acq: 21 Mar 2019 16:31

Tgt Ion:	149	Resp:	806787
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.7	11.5
104	5.6	4.5	6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.495 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

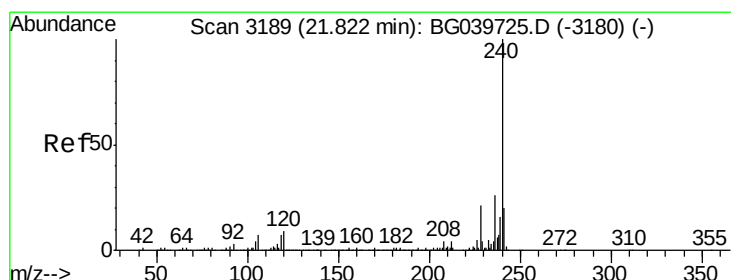
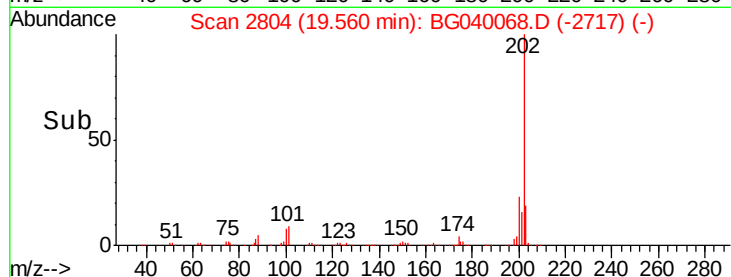
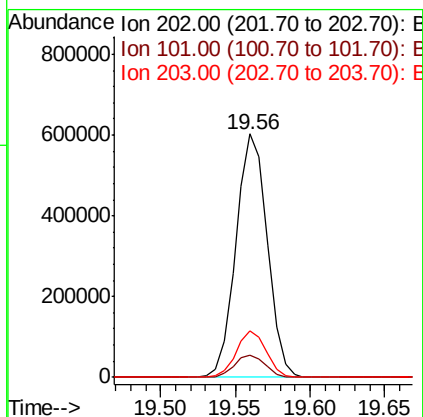
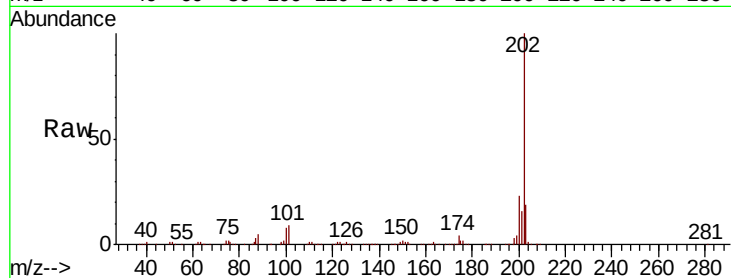
ClientSampleId :

PB118155BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	877196		
101	9.4	0.0	30.0	
203	19.2	0.0	38.9	

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#76

Chrysene-d12

Concen: 20.000 ng

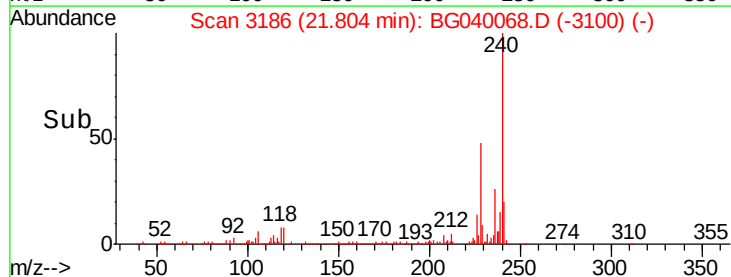
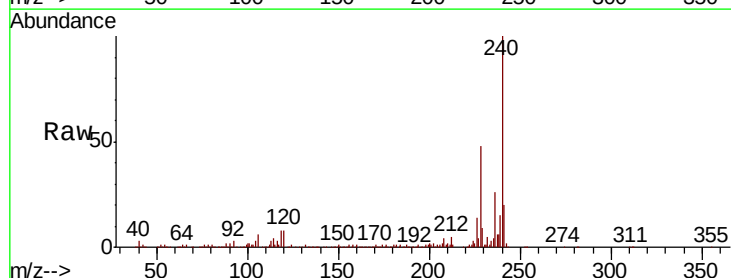
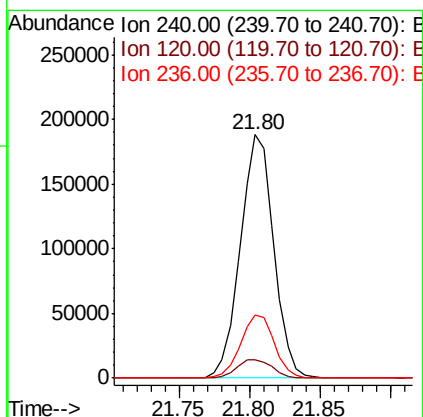
RT: 21.80 min Scan# 3186

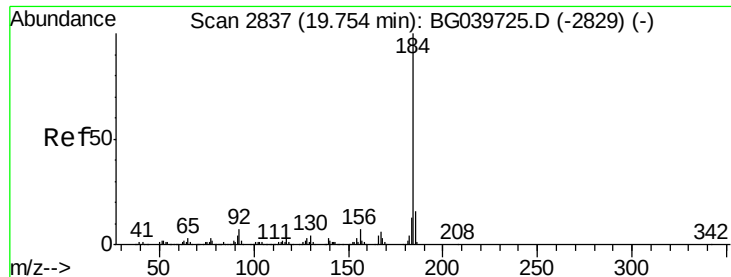
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	311238		
120	7.8	7.0	10.6	
236	25.8	21.0	31.4	





#77

Benzidine

Concen: 22.835 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

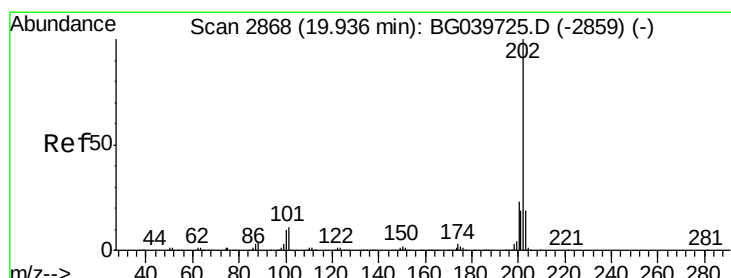
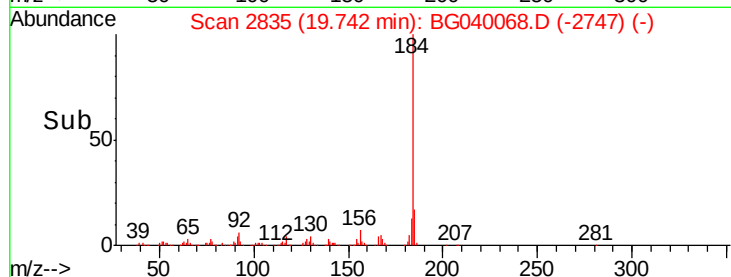
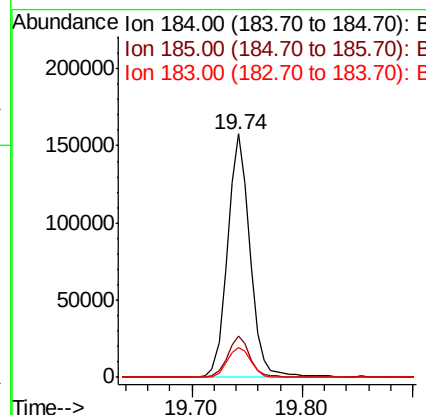
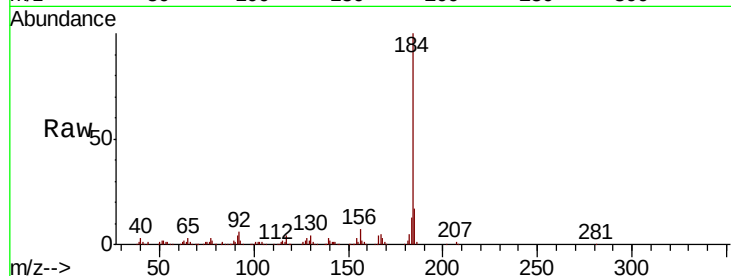
ClientSampleId :

PB118155BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.2	18.2
183	12.5	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 43.146 ng

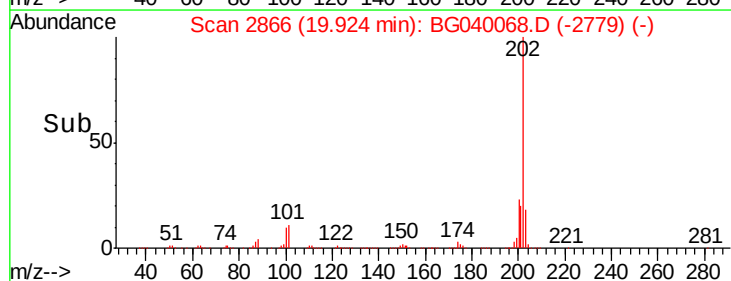
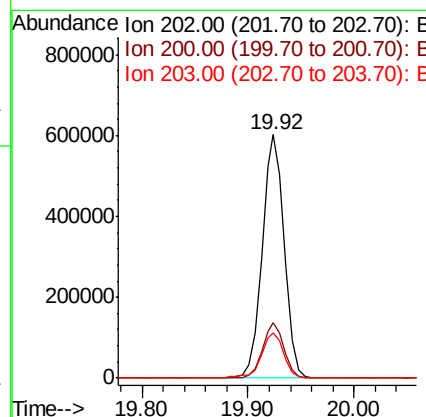
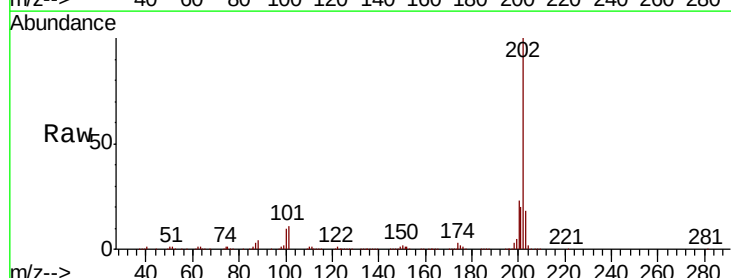
RT: 19.92 min Scan# 2866

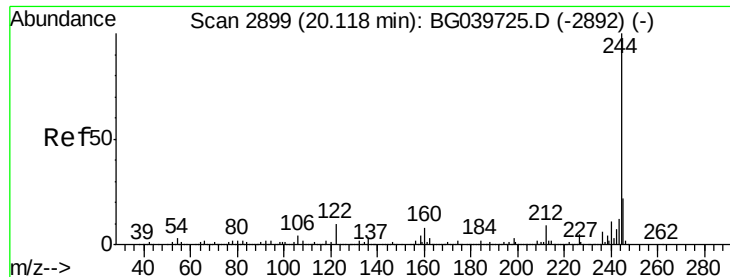
Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	18.4	15.3	22.9





#79

Terphenyl-d14

Concen: 88.386 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

ClientSampleId :

PB118155BS

Tot Ion:244 Resp: 1249384

Ion Ratio Lower Upper

244 100

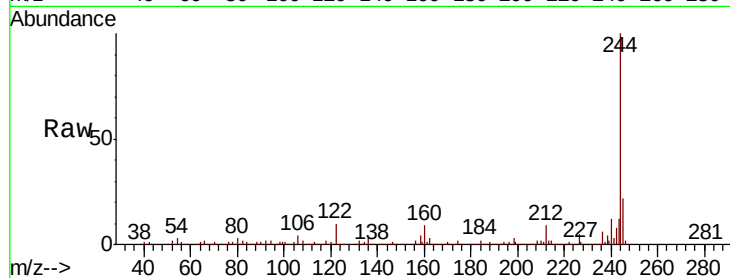
212 9.4 7.3 10.9

122 9.9 8.4 12.6

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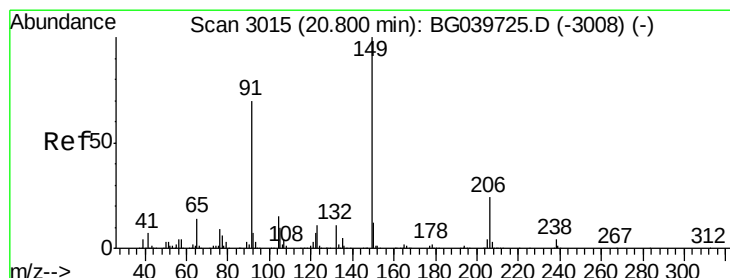
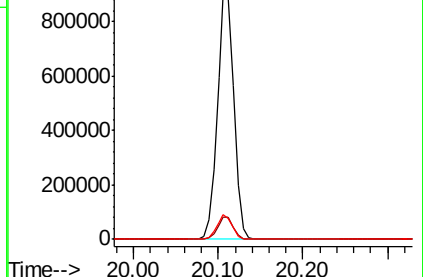
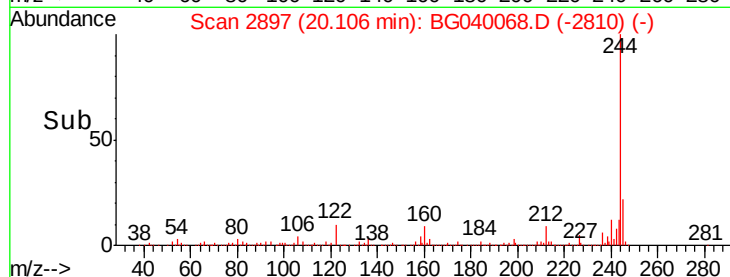
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.844 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

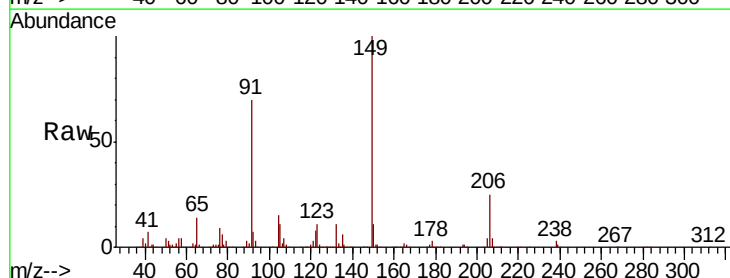
Tgt Ion:149 Resp: 367047

Ion Ratio Lower Upper

149 100

91 69.8 59.5 89.3

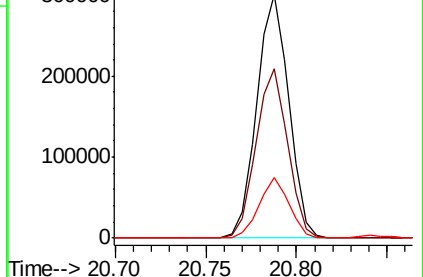
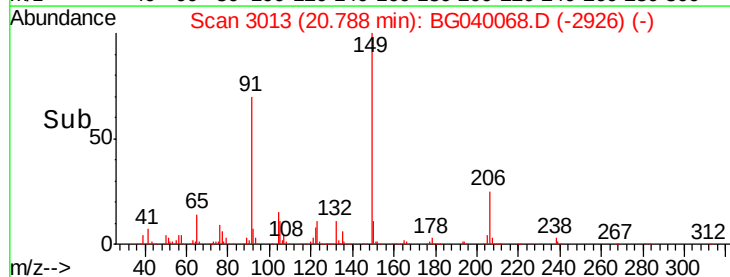
206 24.7 18.6 27.8

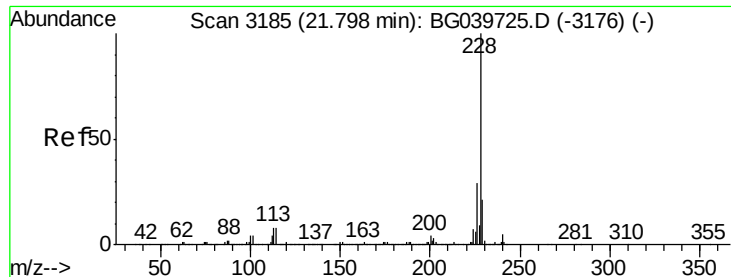


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





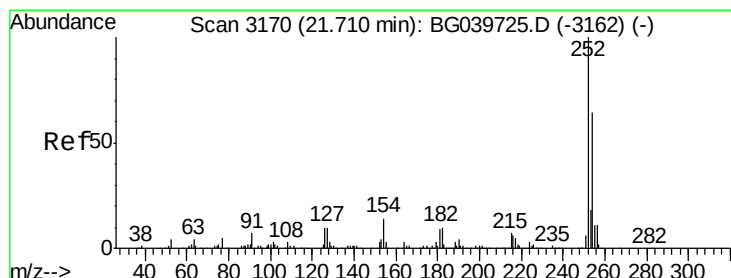
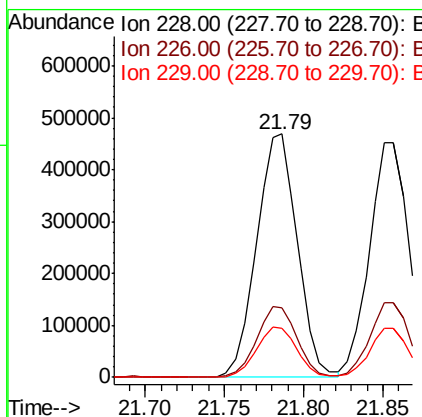
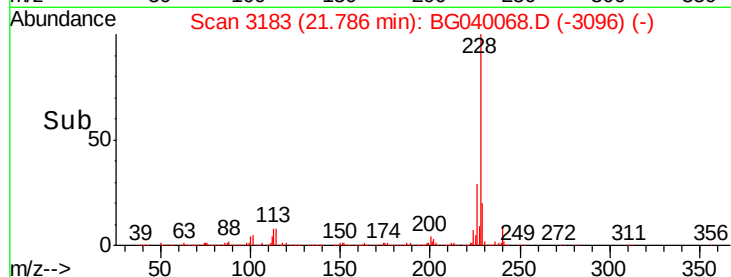
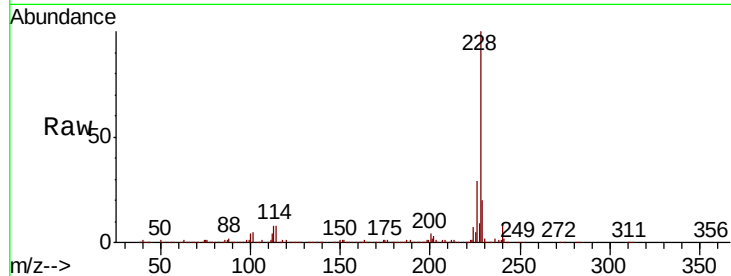
#81
Benzo(a)anthracene
Concen: 42.859 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.3	16.9	25.3

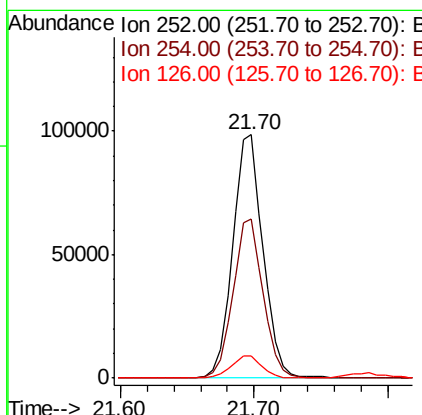
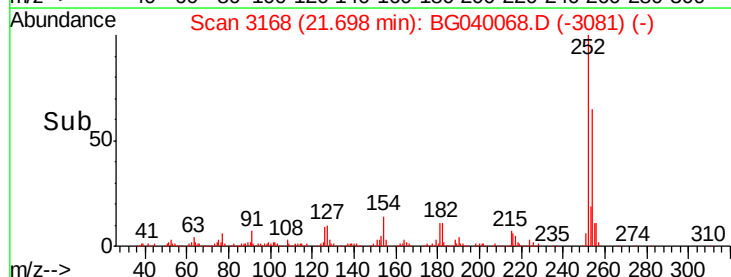
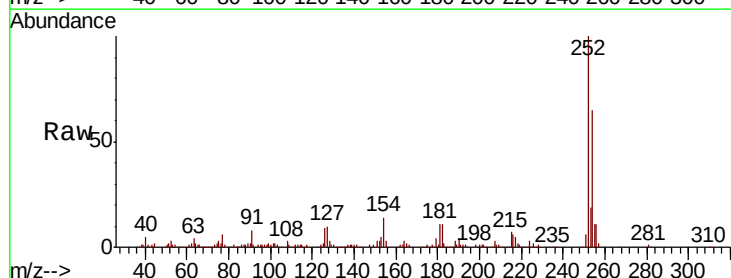
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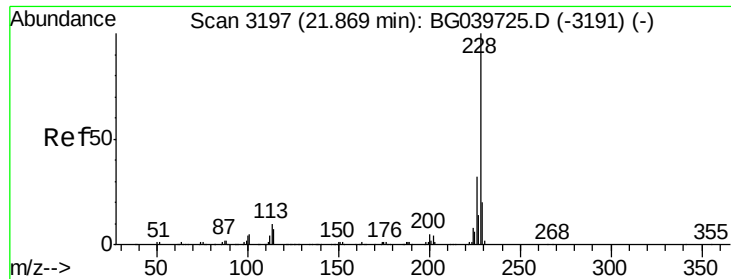
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#82
3,3'-Dichlorobenzidine
Concen: 21.698 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.3	76.9
126	9.2	8.0	12.0





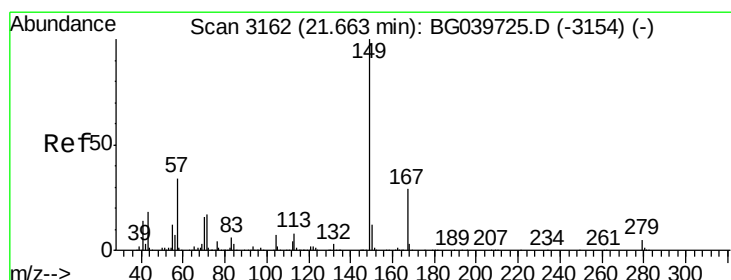
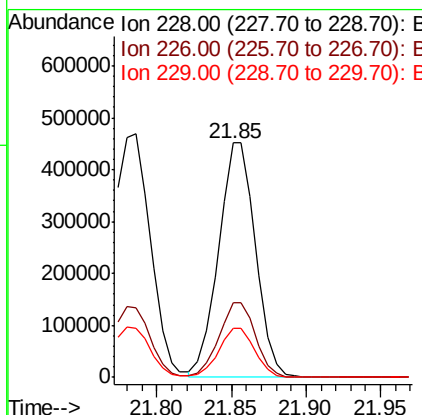
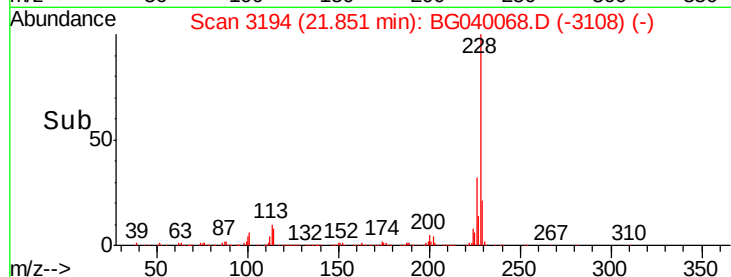
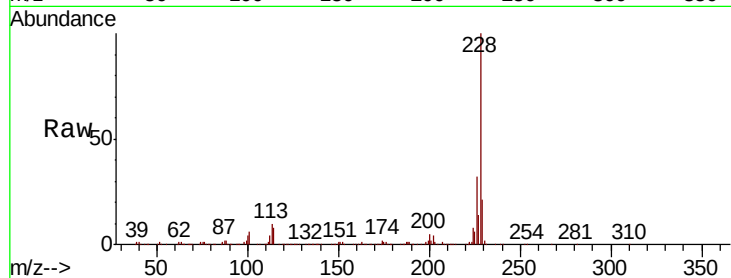
#83
Chrysene
Concen: 41.159 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.6
229	21.0	16.6	25.0

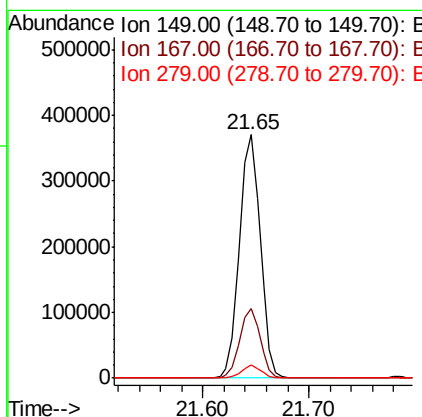
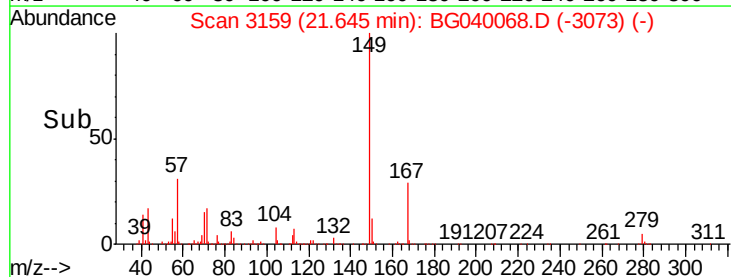
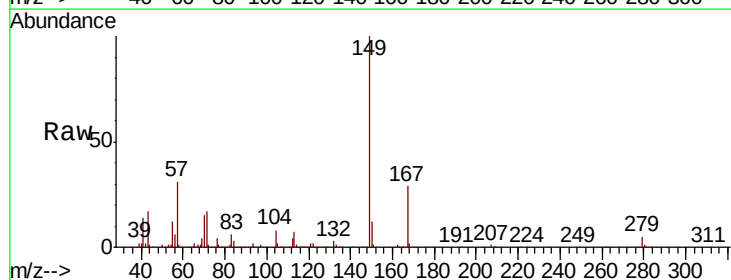
Manual Integrations
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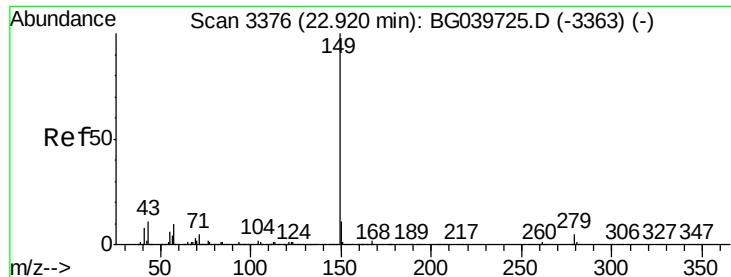
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.763 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	34.0
279	5.3	3.5	5.3





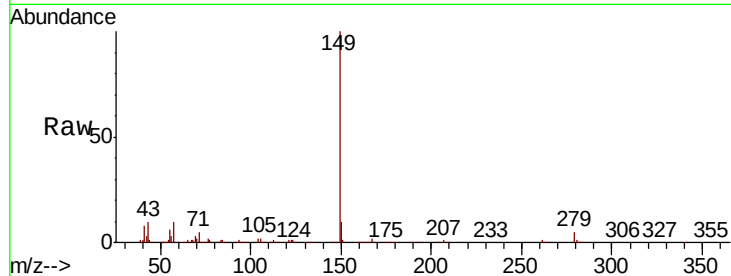
#85
Di-n-octyl phthalate
Concen: 46.813 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	10.2	15.4

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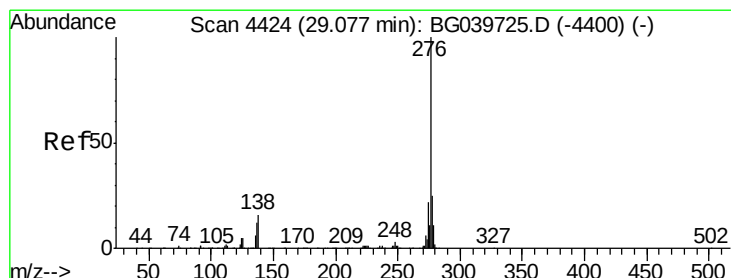
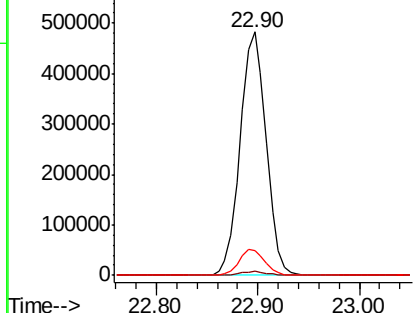
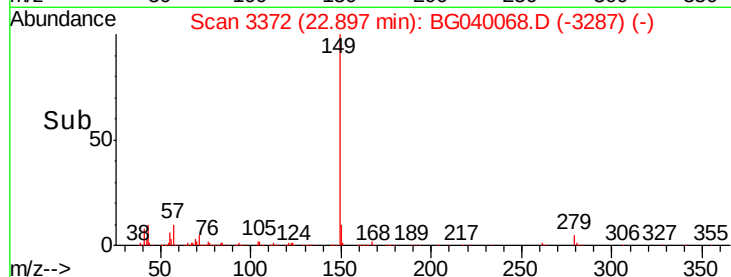


Abundance

Ion 149.00 (148.70 to 149.70): E

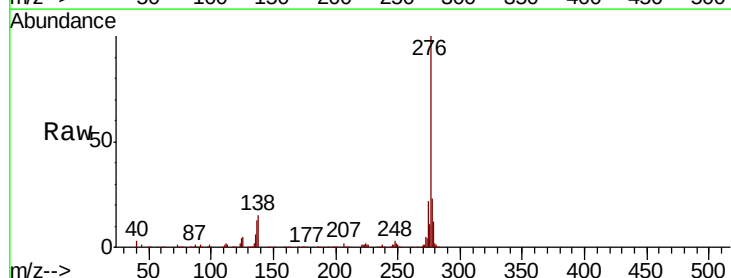
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.107 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.6	19.0
277	25.8	20.8	31.2

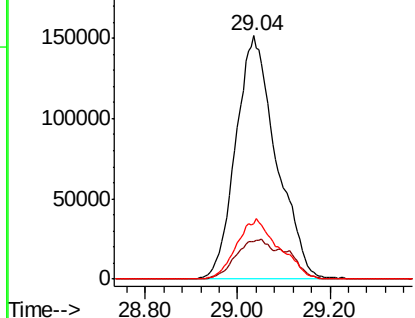
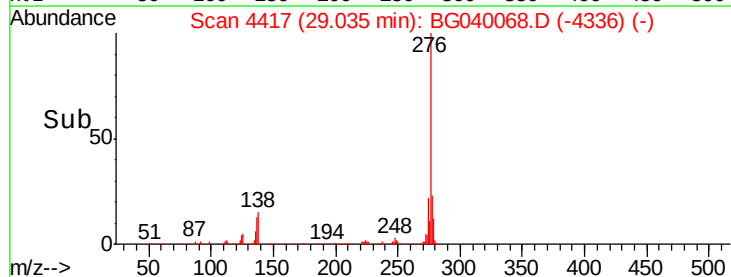


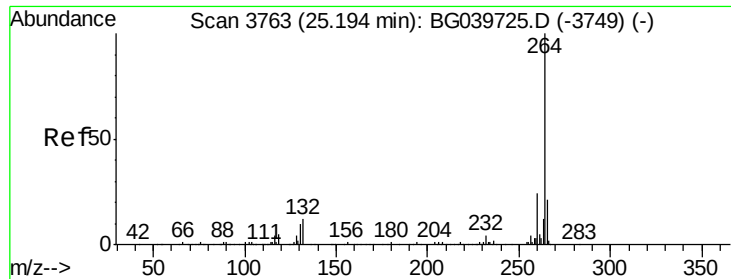
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Instrument :

BNA_G

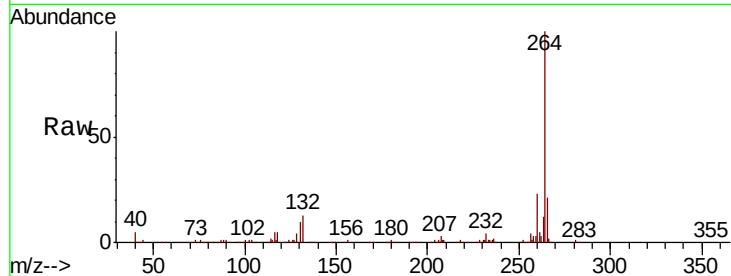
ClientSampleId :

PB118155BS

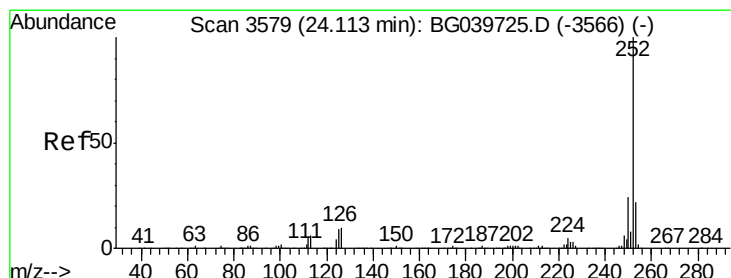
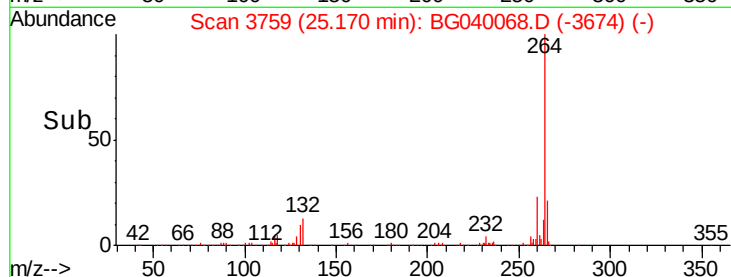
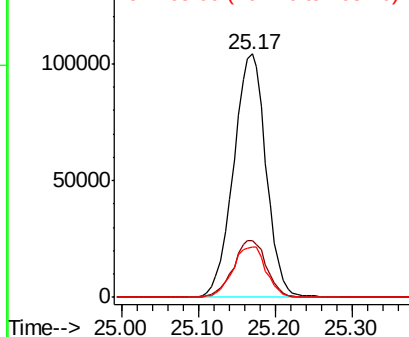
Tot Ion:	264	Resp:	306860
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.4
265	20.8	18.5	27.7

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.283 ng

RT: 24.09 min Scan# 3575

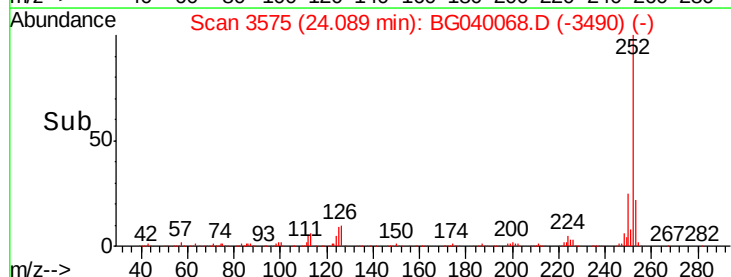
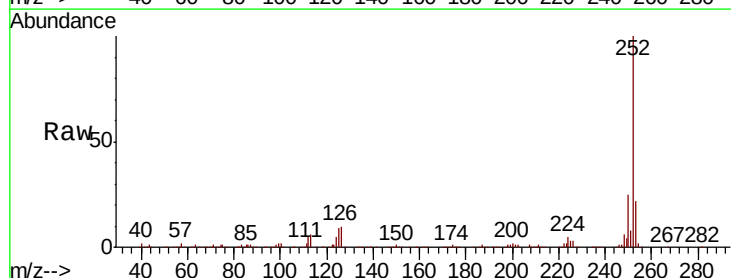
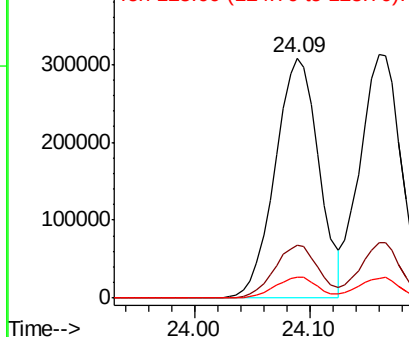
Delta R.T. -0.03 min

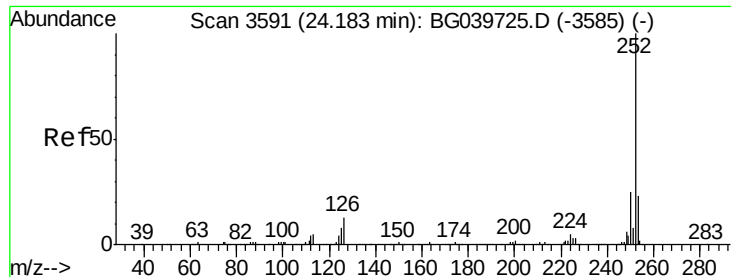
Lab File: BG040068.D

Acq: 21 Mar 2019 16:31

Tgt Ion:	252	Resp:	810324
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	8.8	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





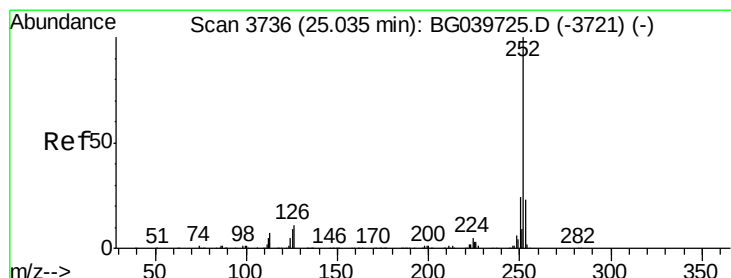
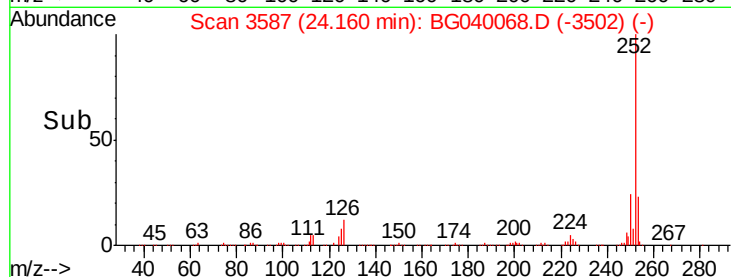
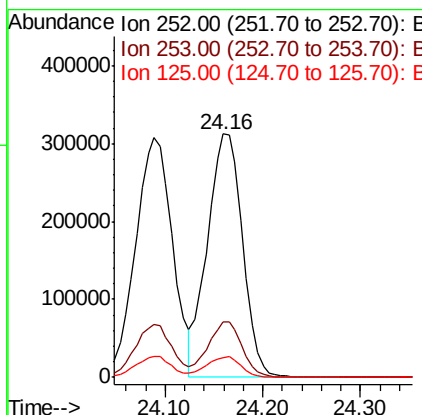
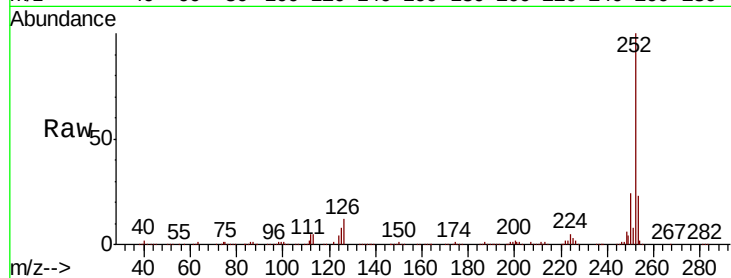
#89
Benzo(k)fluoranthene
Concen: 45.556 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.1	7.4	11.2

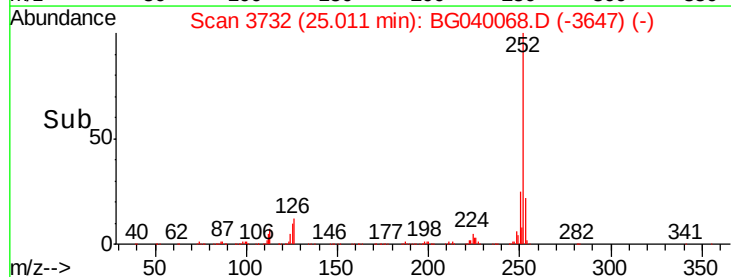
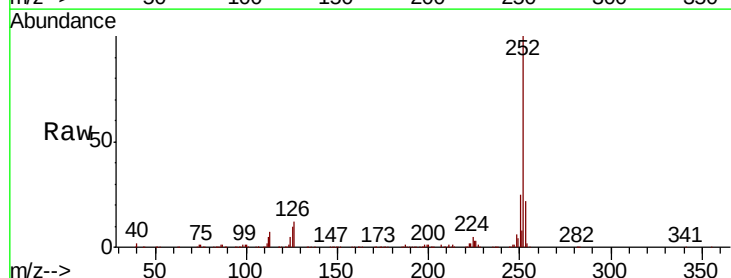
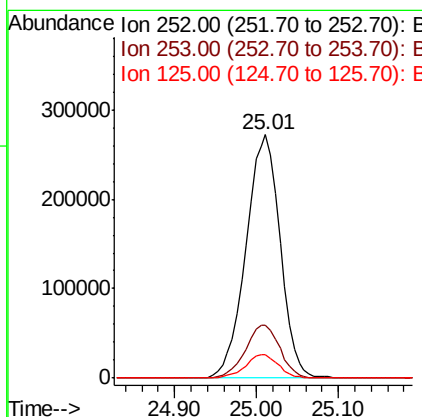
Manual Integrations
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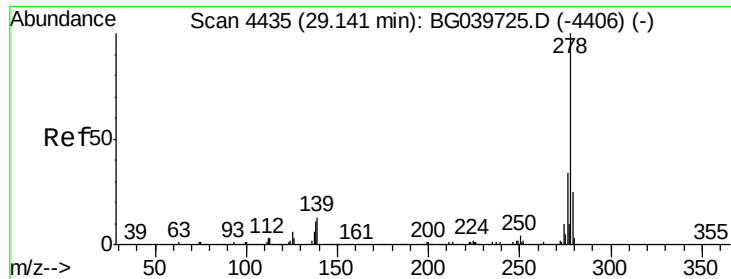
Sohil
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#90
Benzo(a)pyrene
Concen: 46.793 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.6	8.3	12.5





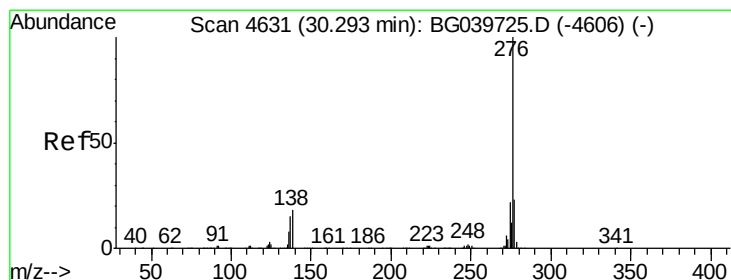
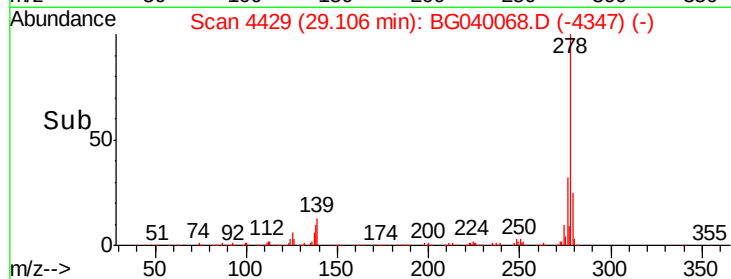
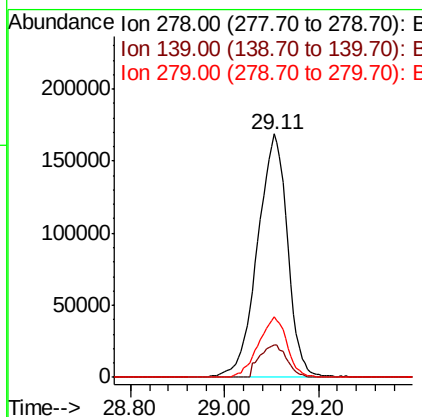
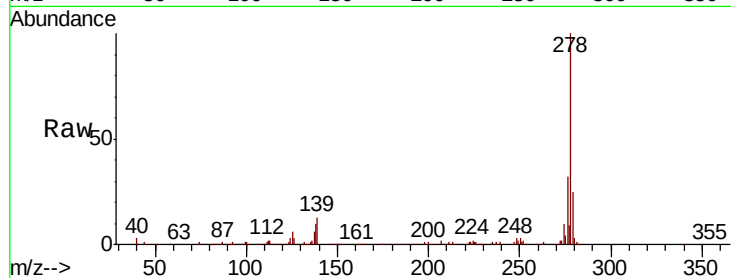
#91
Dibenzo(a,h)anthracene
Concen: 45.236 ng
RT: 29.11 min Scan# 4429
Delta R.T. -0.05 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.7	17.5
279	24.7	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/22/2019 3:59:49 PM



#92
Benzo(g,h,i)perylene
Concen: 46.392 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040068.D
Acq: 21 Mar 2019 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.6	29.4
138	16.3	14.7	22.1

