

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
 Data File : BG039259.D
 Acq On : 23 Jan 2019 11:58
 Operator : JU/SJ
 Sample : PB116551BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Manual Integrations
 APPROVED

Sohil
 1/24/2019 12:15:50 PM

Quant Time: Jan 23 12:39:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	16968	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	72313	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	47013	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	129883	20.00	ng	0.00
76) Chrysene-d12	21.67	240	130761	20.00	ng	-0.01
87) Perylene-d12	24.92	264	142165	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	134193	150.02	ng	0.00
7) Phenol-d6	7.17	99	176224	136.90	ng	0.00
23) Nitrobenzene-d5	9.18	82	98405	74.46	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	102961	130.65	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	294381	85.70	ng	0.00
79) Terphenyl-d14	20.00	244	566520	80.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	16104	45.975	ng	95
3) Pyridine	3.84	79	30376	31.915	ng	100
4) n-Nitrosodimethylamine	3.77	42	19867	46.386	ng	86
6) Aniline	7.33	93	46265	29.926	ng	98
8) 2-Chlorophenol	7.57	128	45145	42.816	ng	97
9) Benzaldehyde	7.15	77	11472	15.453	ng	93
10) Phenol	7.20	94	59029	45.738	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	36920	37.430	ng	97
12) 1,3-Dichlorobenzene	7.89	146	44075	34.889	ng	98
13) 1,4-Dichlorobenzene	8.04	146	49481	38.674	ng	99
14) 1,2-Dichlorobenzene	8.36	146	45175	37.032	ng	96
15) Benzyl Alcohol	8.25	79	39571	40.820	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	72969	38.579	ng	98
17) 2-Methylphenol	8.45	107	37524	41.873	ng	95
18) Hexachloroethane	9.08	117	16160	37.178	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	30350	35.904	ng	# 92
20) 3+4-Methylphenols	8.78	107	53160	41.607	ng	98
22) Acetophenone	8.84	105	64205	33.999	ng	98
24) Nitrobenzene	9.23	77	48457	36.277	ng	97
25) Isophorone	9.74	82	88015	38.664	ng	99
26) 2-Nitrophenol	9.94	139	25777	35.677	ng	94
27) 2,4-Dimethylphenol	9.99	122	43792	43.082	ng	89
28) bis(2-Chloroethoxy)methane	10.22	93	71612	52.344	ng	97
29) 2,4-Dichlorophenol	10.47	162	58119	46.024	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	59958	39.517	ng	99
31) Naphthalene	10.87	128	156975	43.282	ng	98
32) Benzoic acid	10.16	122	18414	33.105	ng	95
33) 4-Chloroaniline	10.99	127	39663	24.440	ng	98
34) Hexachlorobutadiene	11.13	225	38324	36.708	ng	96
35) Caprolactam	11.78	113	18682m	36.894	ng	
36) 4-Chloro-3-methylphenol	12.11	107	59376	43.962	ng	95
37) 2-Methylnaphthalene	12.47	142	111690	41.075	ng	98
38) 1-Methylnaphthalene	12.70	142	101326	38.823	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	69191	39.188	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	75301	76.031	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	56794	51.109	ng	97
44) 2,4,5-Trichlorophenol	13.16	196	57268	48.760	ng	98
46) 1,1'-Biphenyl	13.48	154	157045	42.157	ng	99
47) 2-Chloronaphthalene	13.53	162	124211	41.204	ng	99
48) 2-Nitroaniline	13.74	65	37840	44.806	ng	97
49) Acenaphthylene	14.38	152	196195	43.300	ng	98
50) Dimethylphthalate	14.10	163	161113	40.554	ng	99
51) 2,6-Dinitrotoluene	14.24	165	36775	41.403	ng	100
52) Acenaphthene	14.71	154	114980	42.236	ng	97
53) 3-Nitroaniline	14.57	138	27469	30.486	ng	97
54) 2,4-Dinitrophenol	14.78	184	37566	71.364	ng	97
55) Dibenzofuran	15.05	168	196701	40.911	ng	99
56) 4-Nitrophenol	14.88	139	55402	85.454	ng	99
57) 2,4-Dinitrotoluene	15.02	165	53148	41.707	ng	95
58) Fluorene	15.69	166	154607	42.720	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	47800	43.115	ng	100
60) Diethylphthalate	15.45	149	170791	41.725	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	87675	38.453	ng	99
62) 4-Nitroaniline	15.74	138	37571	40.026	ng	96
63) Azobenzene	15.98	77	131610	41.115	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	33648	34.968	ng	94
66) n-Nitrosodiphenylamine	15.90	169	143071	37.158	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	62090	37.189	ng	95
68) Hexachlorobenzene	16.69	284	65599	36.007	ng	98
69) Atrazine	16.85	200	61232	37.435	ng	98
70) Pentachlorophenol	17.05	266	63229	57.900	ng	98
71) Phenanthrene	17.44	178	288929	42.086	ng	100
72) Anthracene	17.53	178	289054	42.584	ng	99
73) Carbazole	17.81	167	245938	36.703	ng	99
74) Di-n-butylphthalate	18.34	149	309374	41.502	ng	99
75) Fluoranthene	19.45	202	365926	42.996	ng	100
77) Benzidine	19.64	184	125393	31.352	ng	100
78) Pyrene	19.81	202	361423	43.371	ng	100
80) Butylbenzylphthalate	20.68	149	135741	42.828	ng	97
81) Benzo(a)anthracene	21.65	228	339473	42.647	ng	98
82) 3,3'-Dichlorobenzidine	21.56	252	88520	27.293	ng	99
83) Chrysene	21.72	228	317262	41.906	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	178680	40.602	ng	98
85) Di-n-octyl phthalate	22.73	149	326773	43.913	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	464216	51.316	ng	# 98
88) Benzo(b)fluoranthene	23.88	252	389001	49.624	ng	99
89) Benzo(k)fluoranthene	23.95	252	357350	46.106	ng	99
90) Benzo(a)pyrene	24.77	252	349906	46.180	ng	99
91) Dibenzo(a,h)anthracene	28.72	278	384433	51.009	ng	98
92) Benzo(g,h,i)perylene	29.85	276	382967	51.328	ng	# 94

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



#1

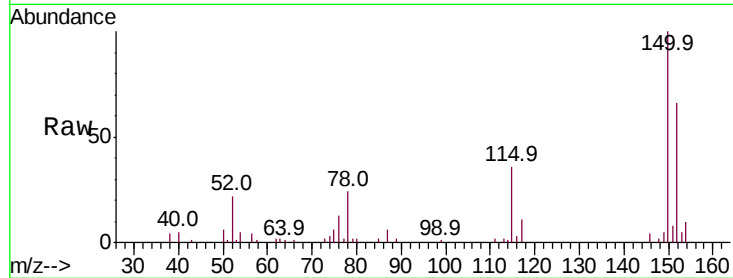
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

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PB116551BSD

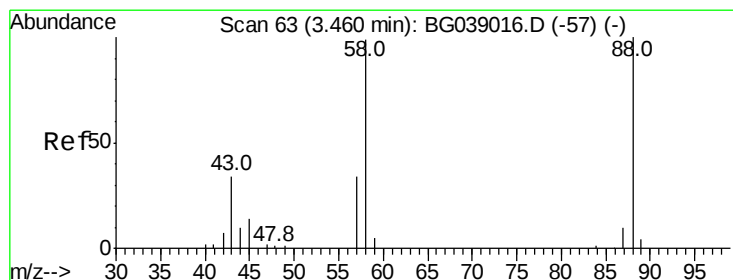
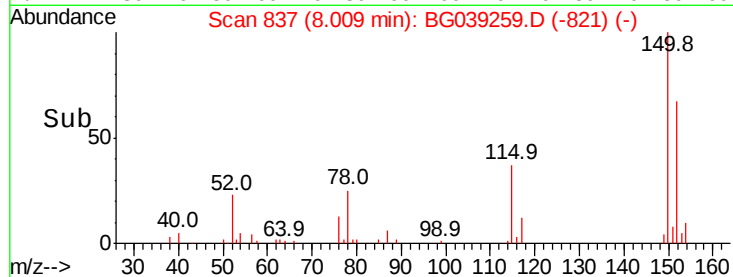
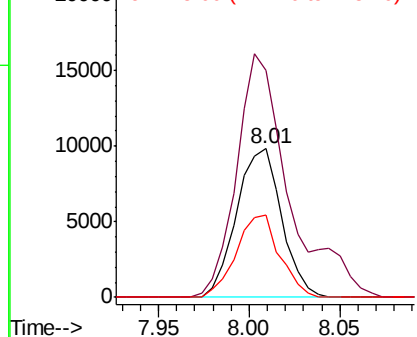
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.7	187.1
115	55.2	46.5	69.7

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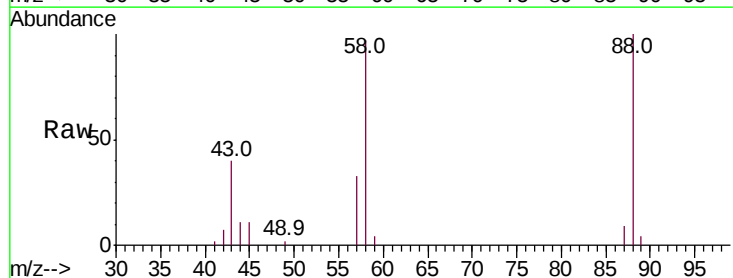
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



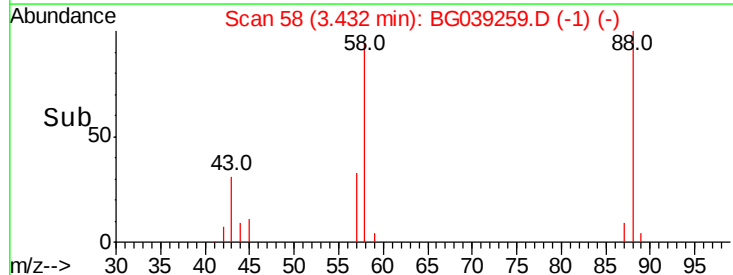
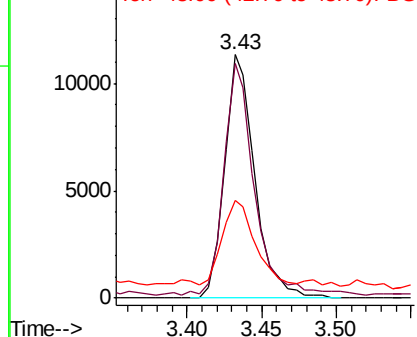
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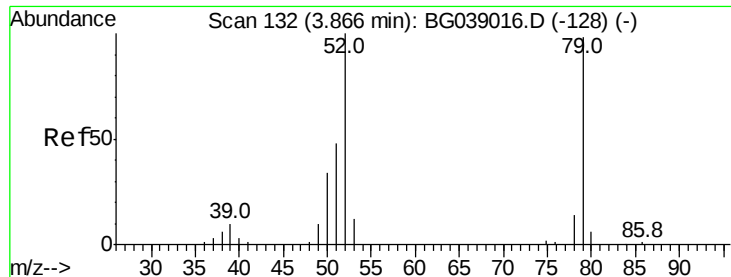
1,4-Dioxane
Concen: 45.975 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.4	72.4	108.6
43	37.2	27.6	41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.915 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

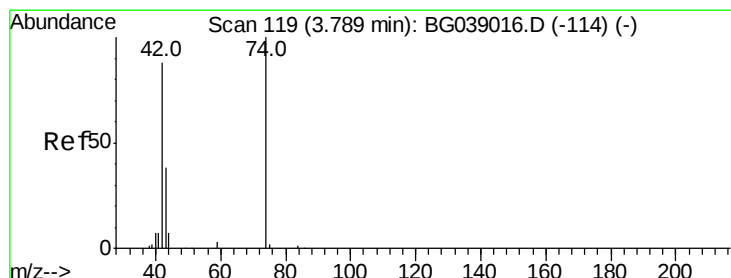
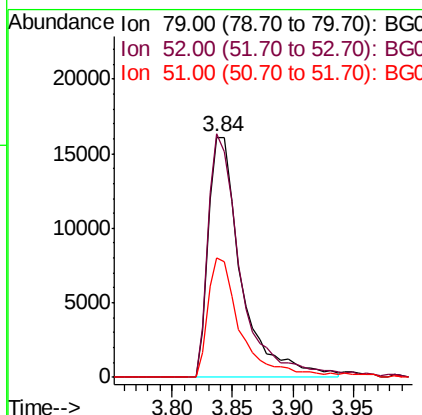
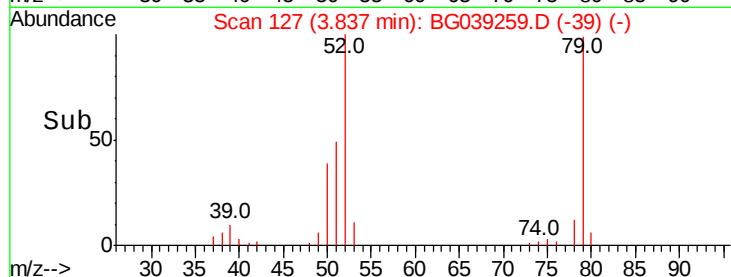
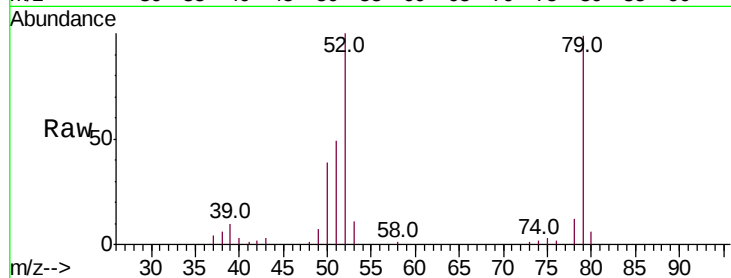
ClientSampleId :

PB116551BSD

Tot Ion:	79	Resp:	30376
Ion	Ratio	Lower	Upper
79	100		
52	101.5	81.5	122.3
51	50.0	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 46.386 ng

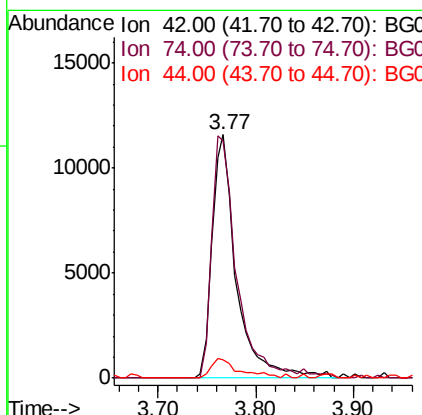
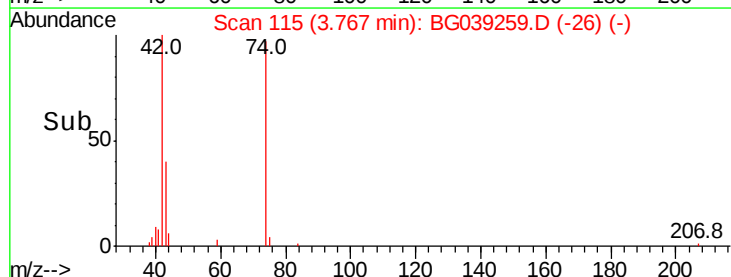
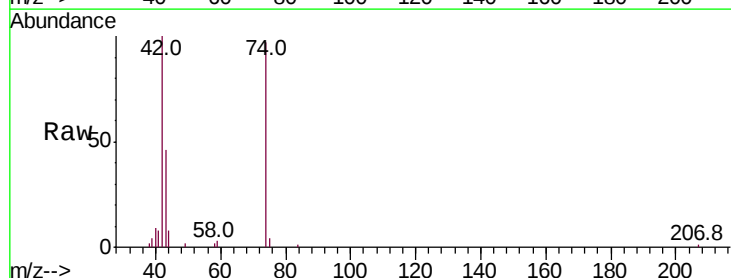
RT: 3.77 min Scan# 115

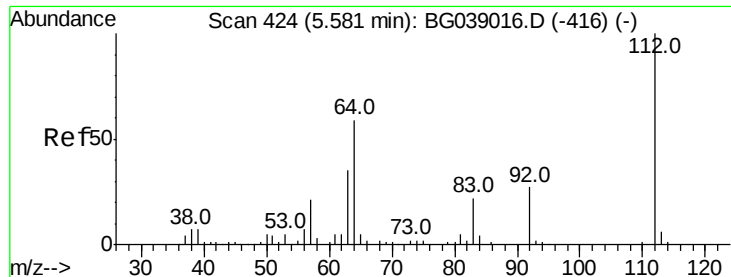
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	42	Resp:	19867
Ion	Ratio	Lower	Upper
42	100		
74	97.4	90.7	136.1
44	7.6	6.5	9.7





#5

2-Fluorophenol

Concen: 150.025 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

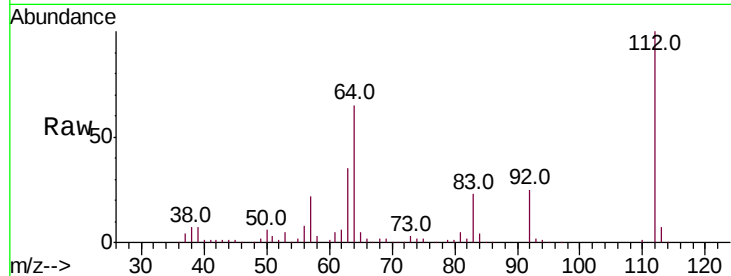
ClientSampled :

PB116551BSD

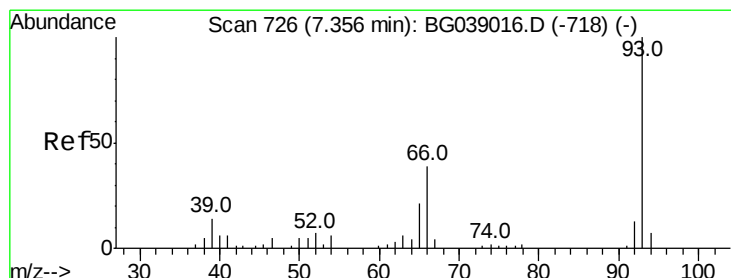
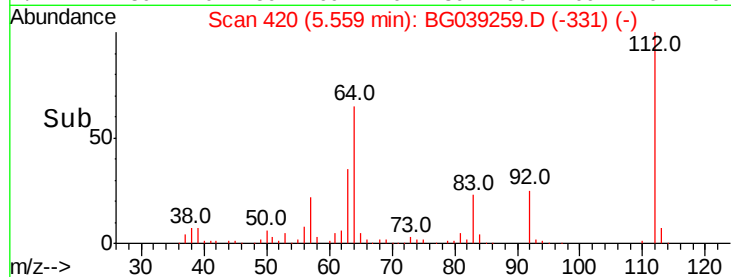
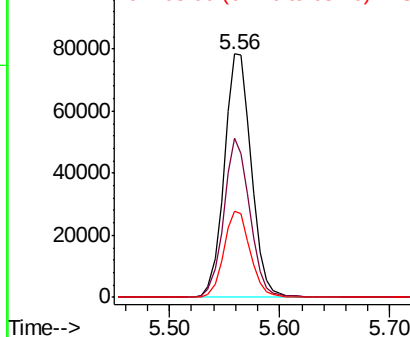
Tot Ion:	112	Resp:	134193
Ion Ratio	Lower	Upper	
112	100		
64	65.3	47.0	70.6
63	35.2	28.0	42.0

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.926 ng

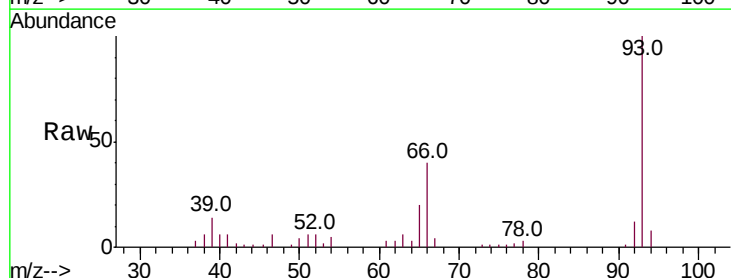
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

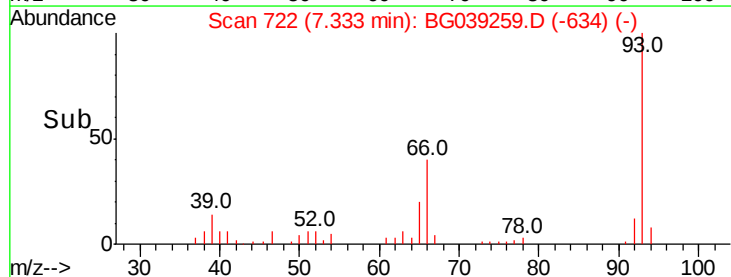
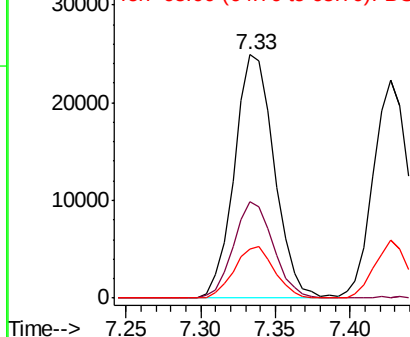
Lab File: BG039259.D

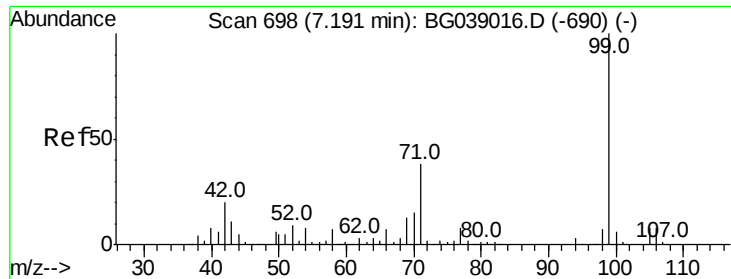
Acq: 23 Jan 2019 11:58

Tgt Ion:	93	Resp:	46265
Ion Ratio	Lower	Upper	
93	100		
66	39.6	30.9	46.3
65	20.2	17.0	25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.898 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

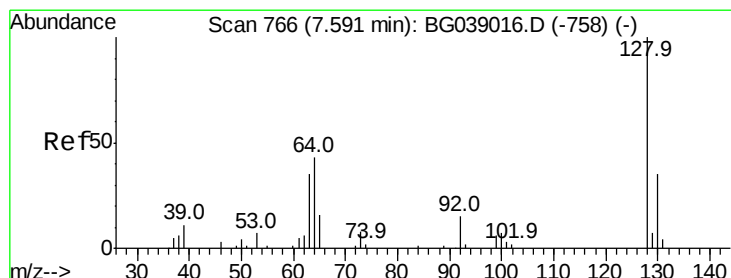
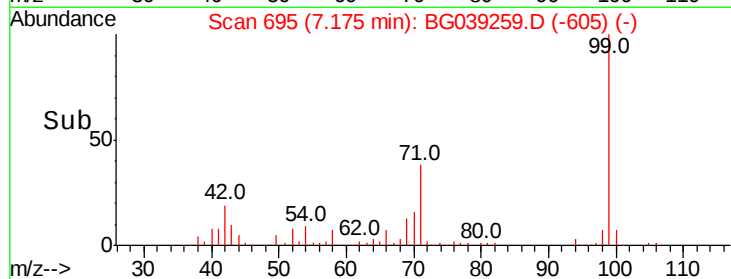
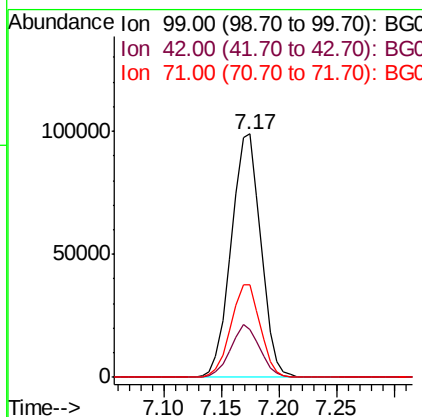
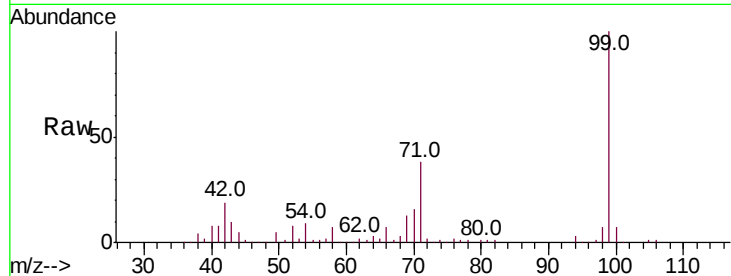
ClientSampled :

PB116551BSD

Tot Ion:	99	Resp:	176224
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.8	23.6
71	38.2	30.2	45.4

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#8

2-Chlorophenol

Concen: 42.816 ng

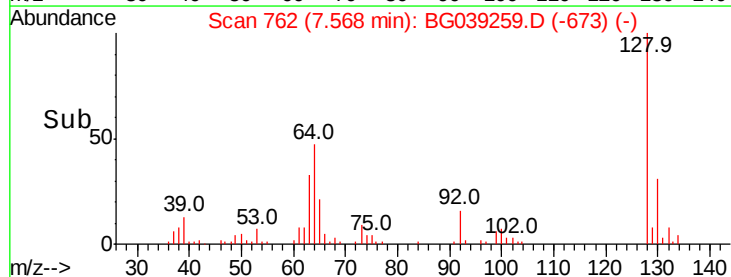
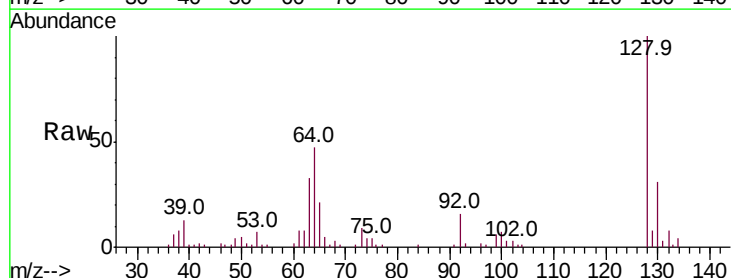
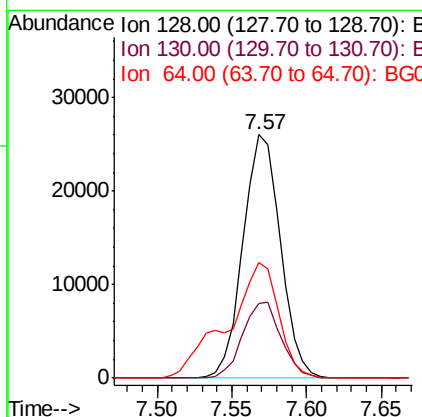
RT: 7.57 min Scan# 762

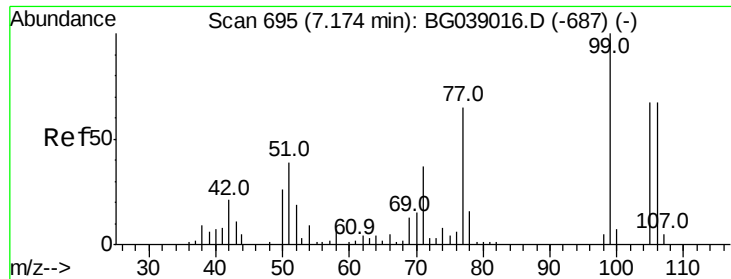
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	128	Resp:	45145
Ion Ratio	Lower	Upper	
128	100		
130	30.7	14.5	54.5
64	47.5	27.3	67.3





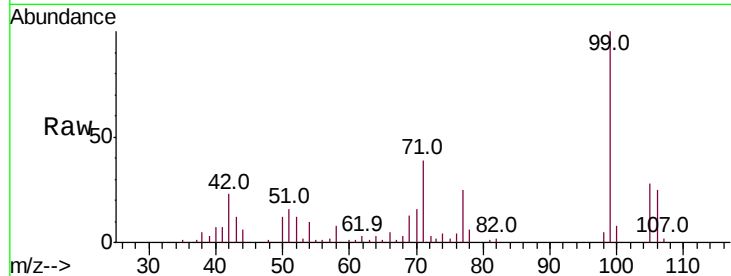
#9
Benzaldehyde
Concen: 15.453 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

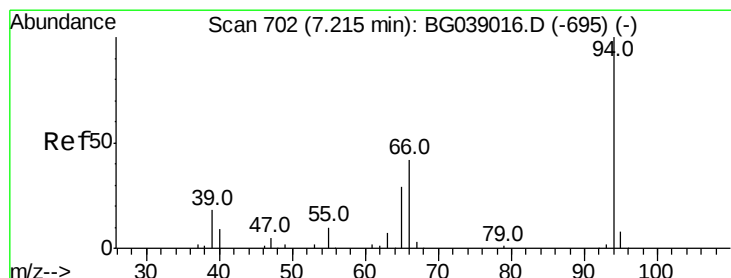
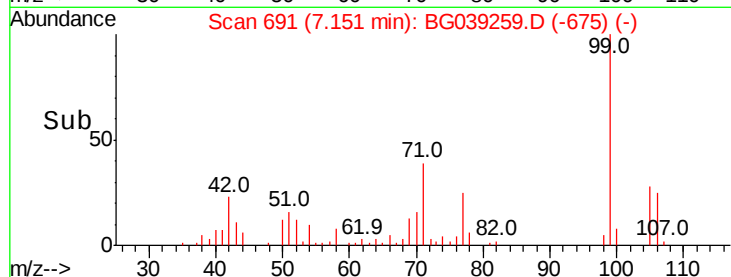
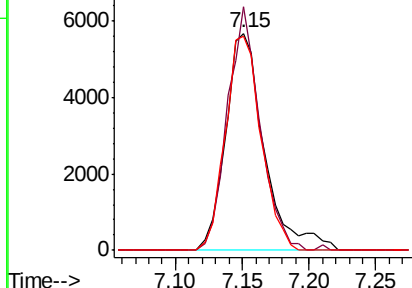
Tot Ion	Ratio	Lower	Upper
77	100		
105	112.0	82.4	122.4
106	98.8	82.8	122.8

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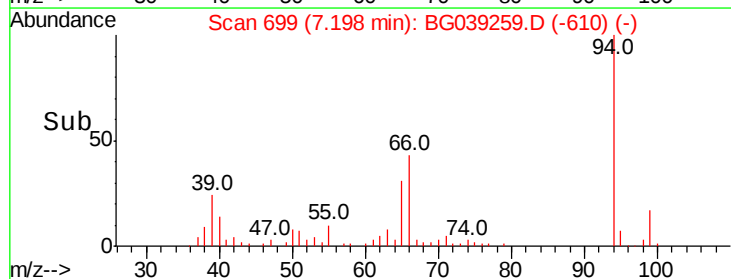
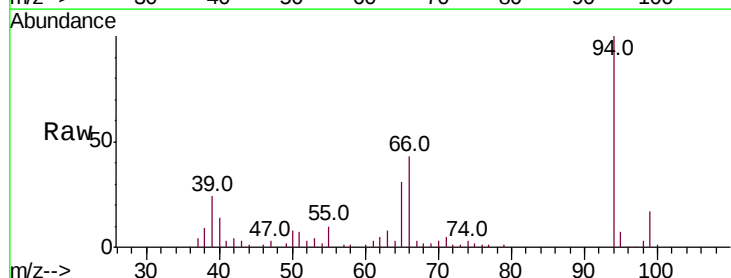
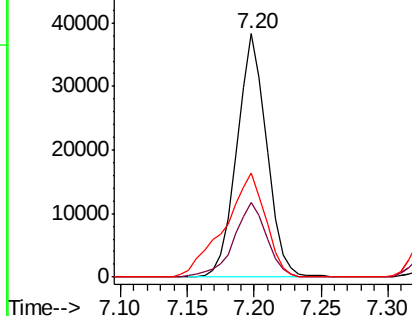
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

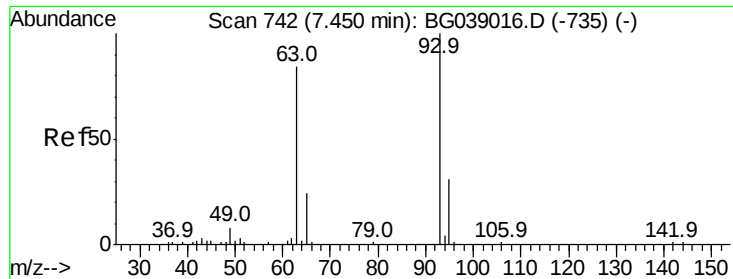


#10
Phenol
Concen: 45.738 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.9	10.3	50.3
66	42.6	25.1	65.1

Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





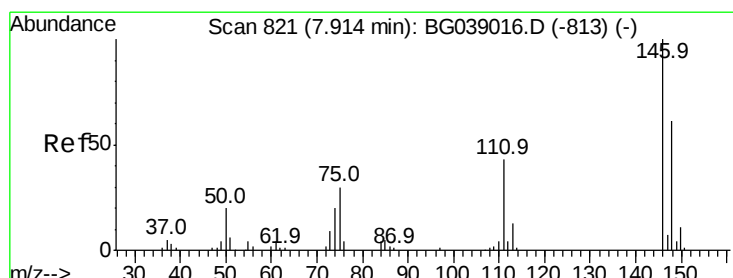
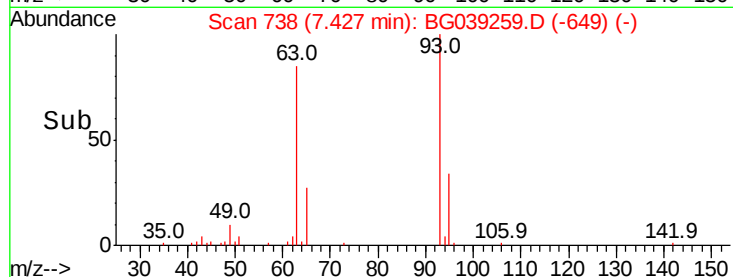
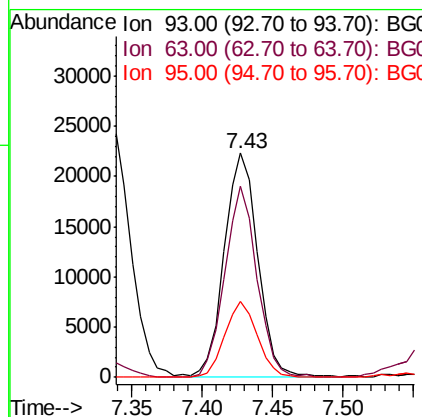
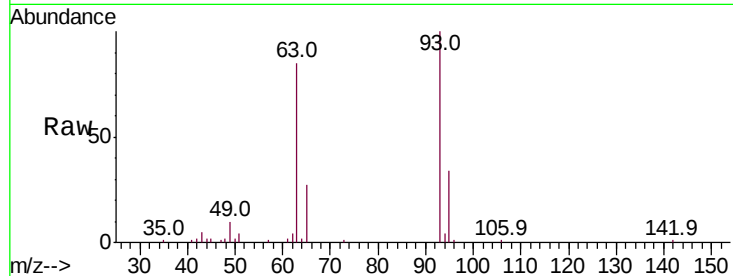
#11
bis(2-Chloroethyl)ether
Concen: 37.430 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion: 93 Resp: 36920
Ion Ratio Lower Upper
93 100
63 85.5 63.2 103.2
95 34.1 11.2 51.2

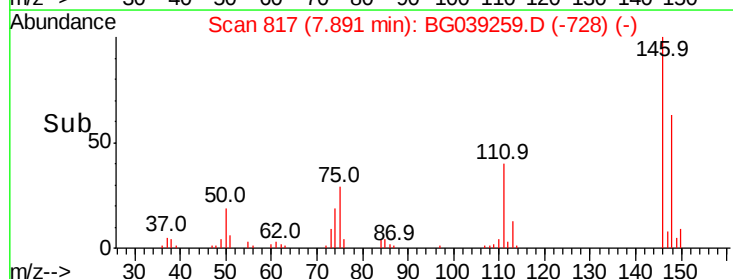
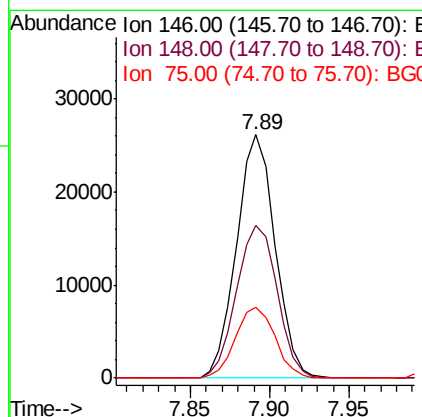
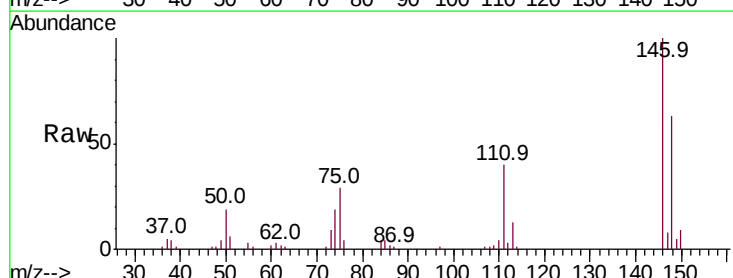
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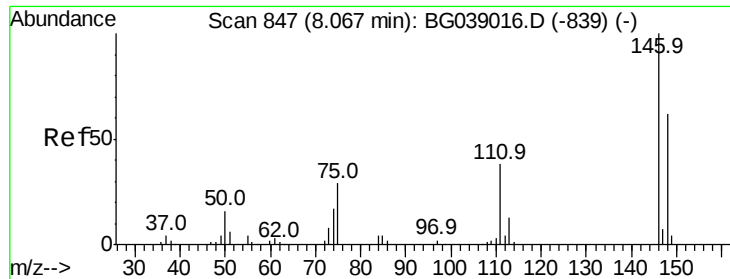
Sohil
1/24/2019 12:15:50 PM



#12
1,3-Dichlorobenzene
Concen: 34.889 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion: 146 Resp: 44075
Ion Ratio Lower Upper
146 100
148 62.9 49.1 73.7
75 28.9 23.9 35.9





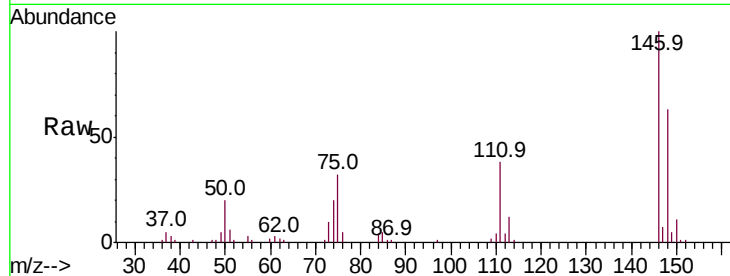
#13
1,4-Dichlorobenzene
Concen: 38.674 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.6
111	37.9	30.6	45.8

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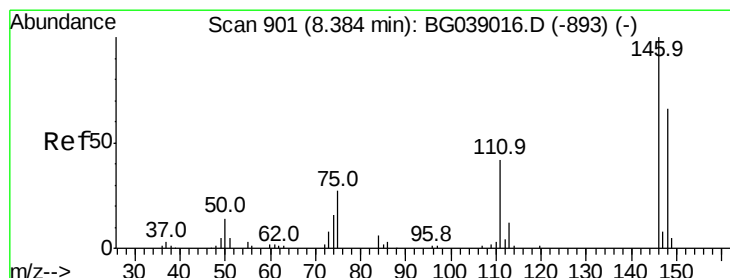
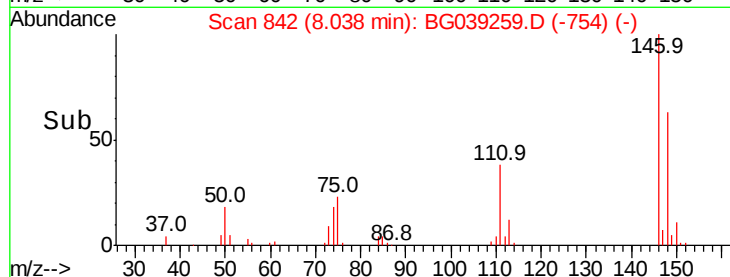
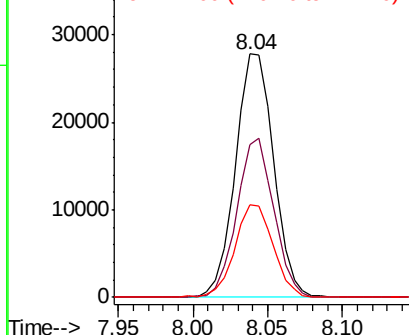


Abundance

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: 37.032 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

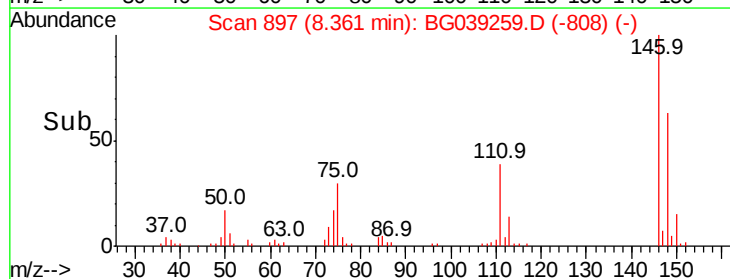
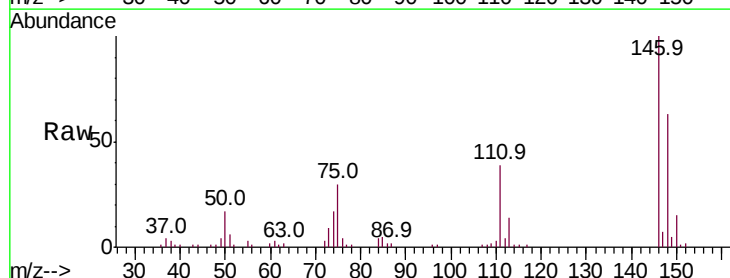
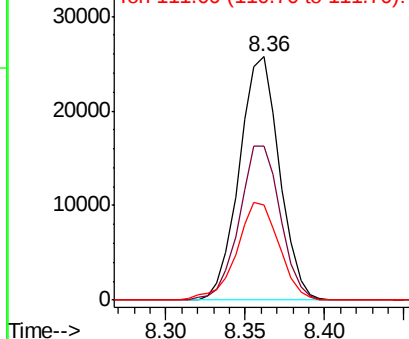
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	79.0
111	39.2	34.6	51.8

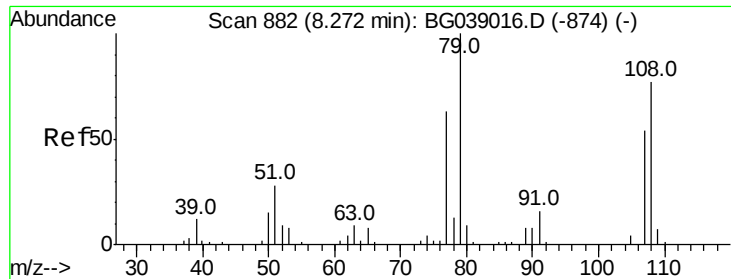
Abundance

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





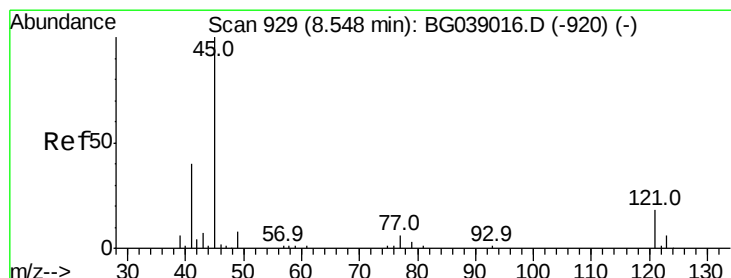
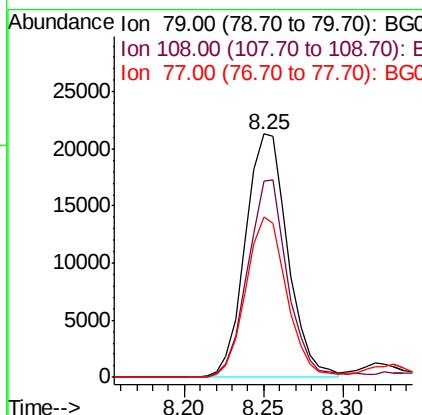
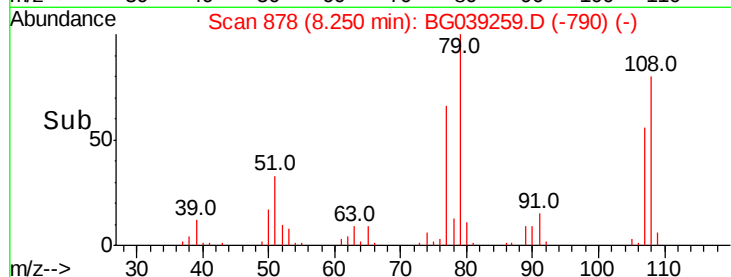
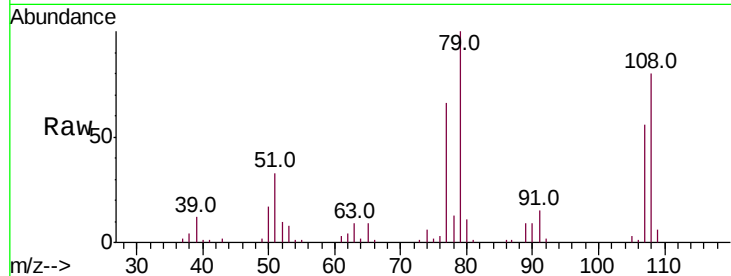
#15
Benzyl Alcohol
Concen: 40.820 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleID :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	62.0	93.0
77	65.8	50.1	75.1

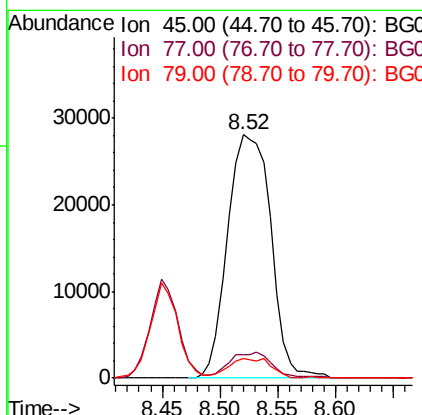
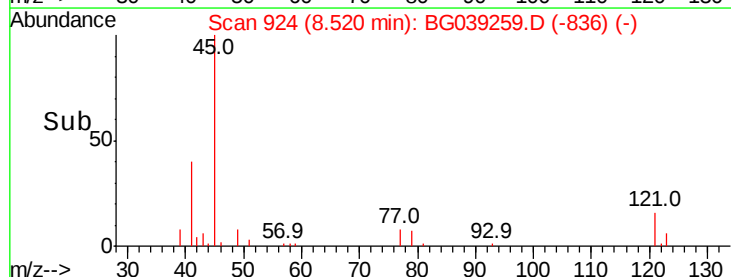
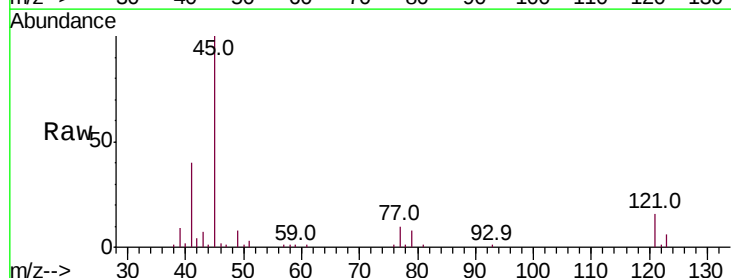
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.579 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.7
79	7.9	0.0	28.5





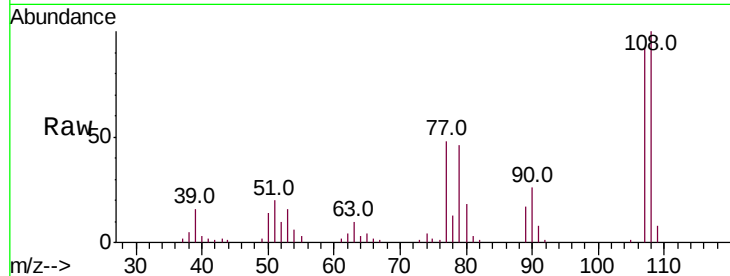
#17
2-Methylphenol
Concen: 41.873 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

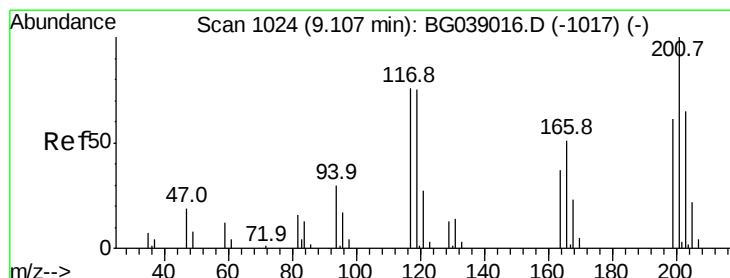
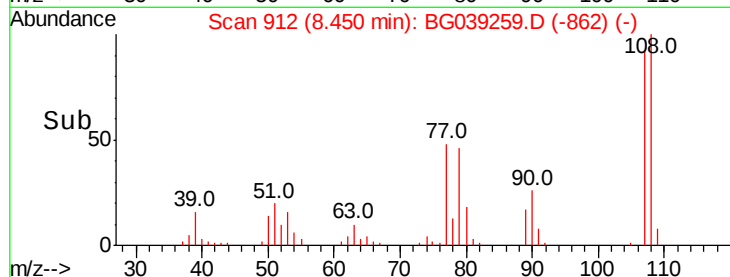
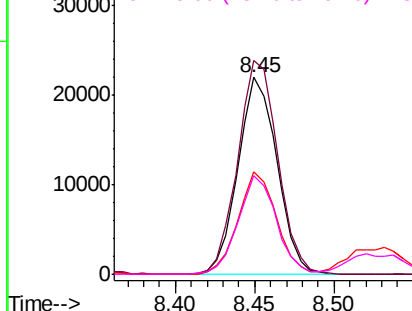
Tot Ion:	107	Resp:	37524
Ion	Ratio	Lower	Upper
107	100		
108	108.6	90.3	135.5
77	52.0	38.3	57.5
79	50.3	35.8	53.6

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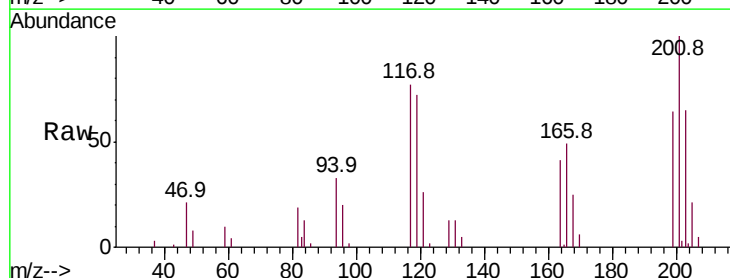


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

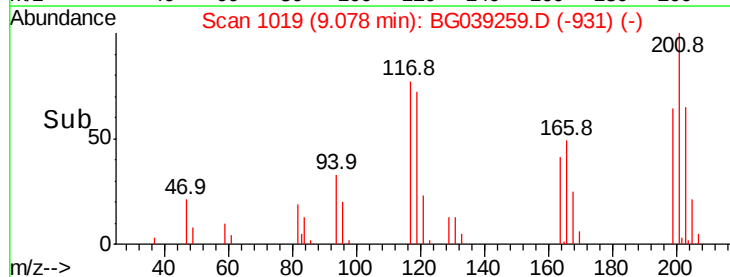
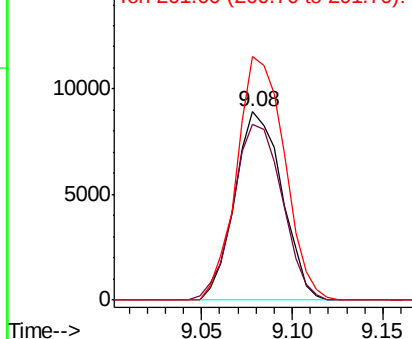


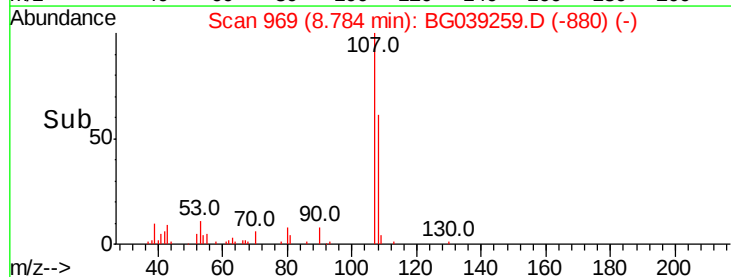
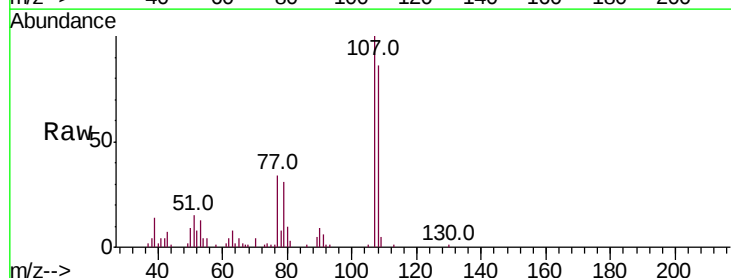
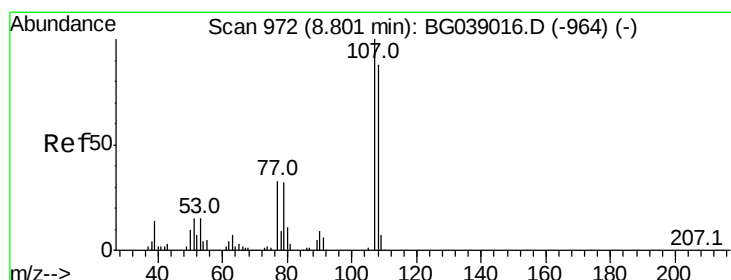
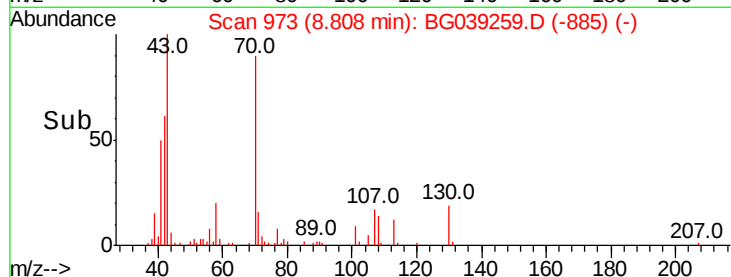
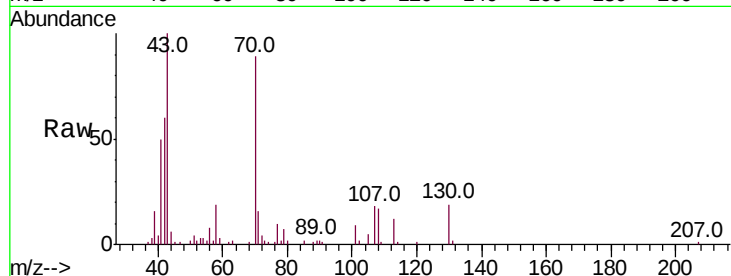
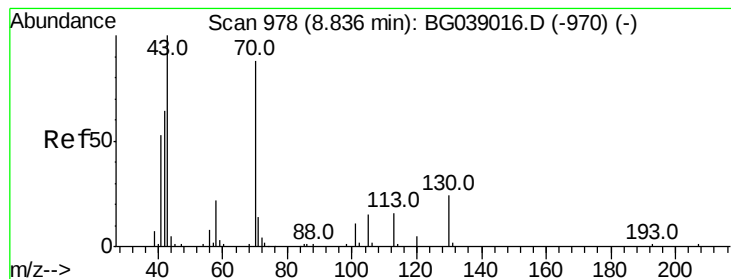
#18
Hexachloroethane
Concen: 37.178 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:	117	Resp:	16160
Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.7	118.1
201	132.7	108.1	162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 35.904 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleID :

PB116551BSD

Tot Ion: 70 Resp: 30350

Ion Ratio Lower Upper

70 100

42 67.7 59.0 88.4

101 10.5 10.4 15.6

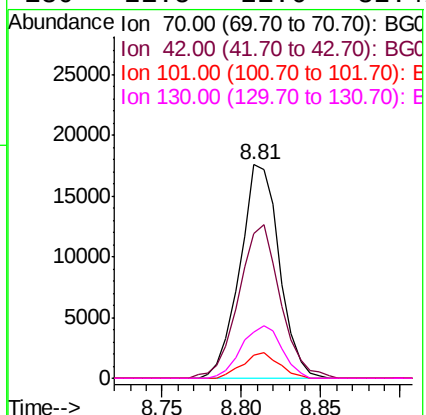
130 21.5 21.6 32.4#

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#20

3+4-Methylphenols

Concen: 41.607 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:107 Resp: 53160

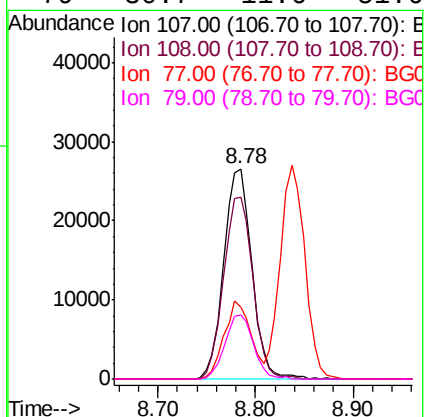
Ion Ratio Lower Upper

107 100

108 86.4 68.4 108.4

77 33.9 13.3 53.3

79 30.7 11.6 51.6





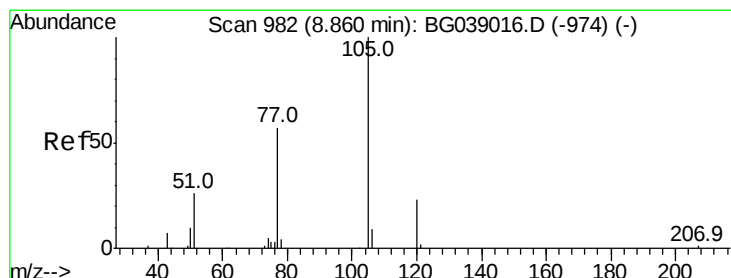
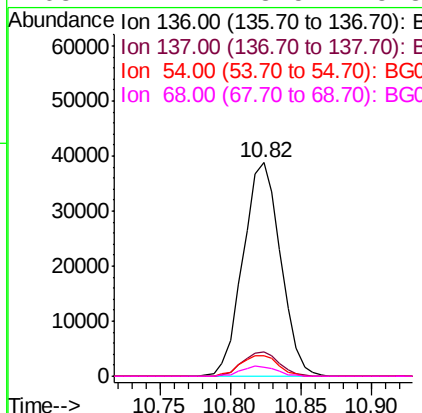
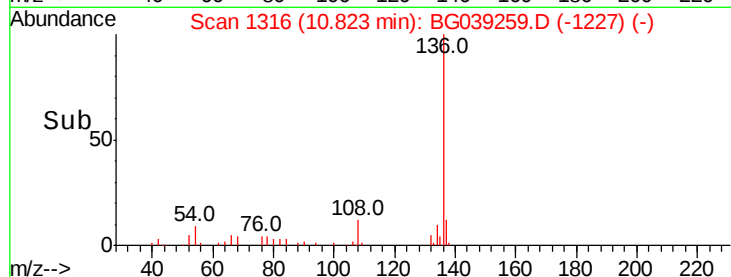
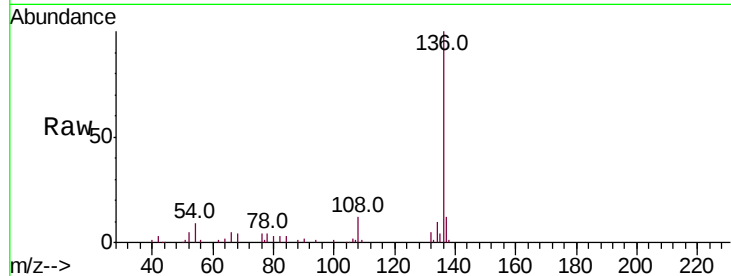
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	72313		
137	11.6		9.4	14.2
54	9.3		7.2	10.8
68	4.4		3.5	5.3

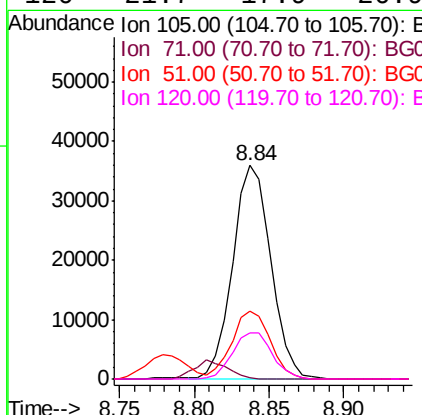
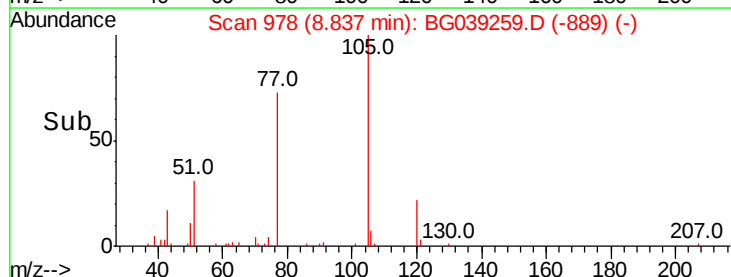
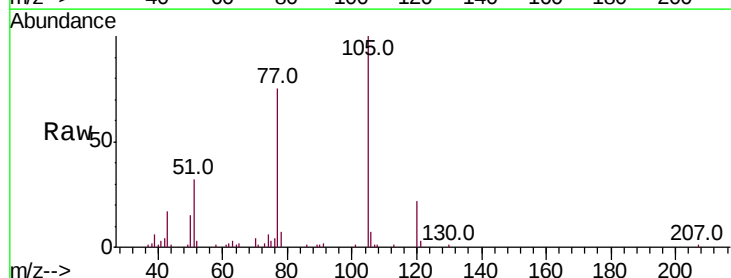
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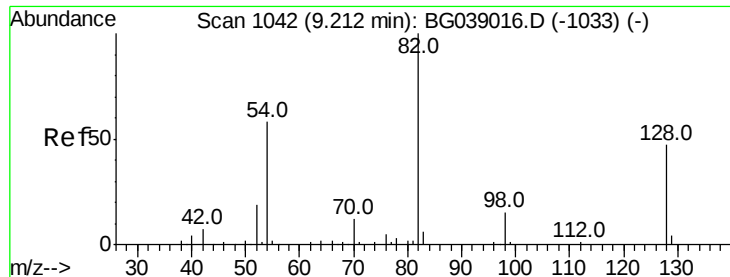
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#22
Acetophenone
Concen: 33.999 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	64205		
71	0.8		0.6	1.0
51	32.0		26.6	39.8
120	21.7		17.9	26.9





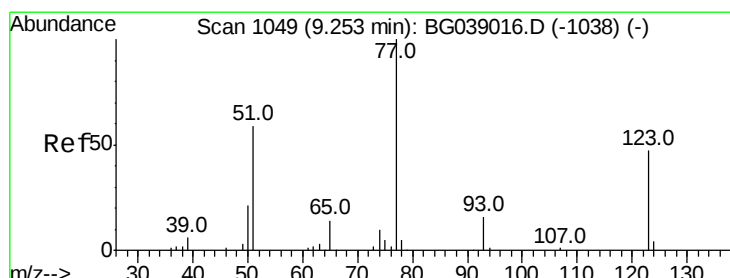
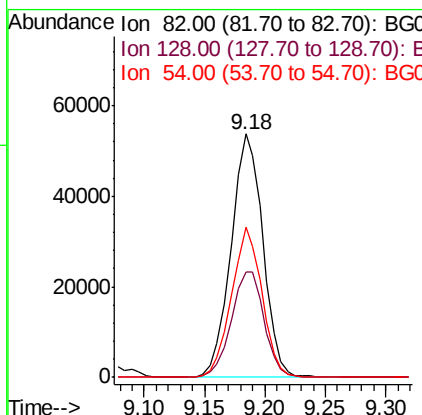
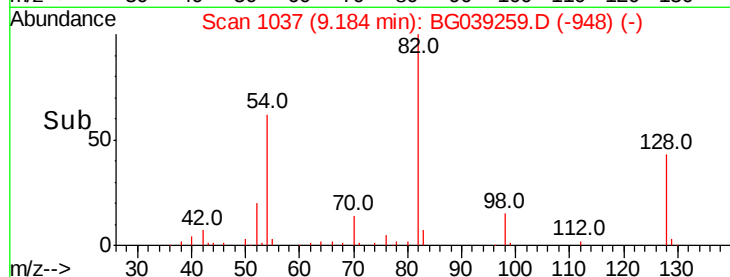
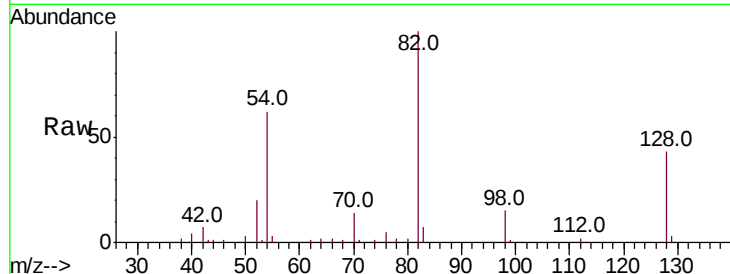
#23
Nitrobenzene-d5
Concen: 74.463 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.3	55.9
54	61.7	46.4	69.6

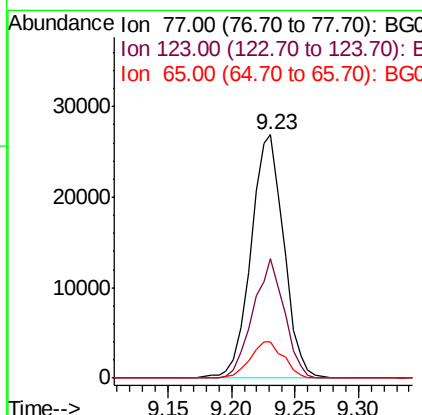
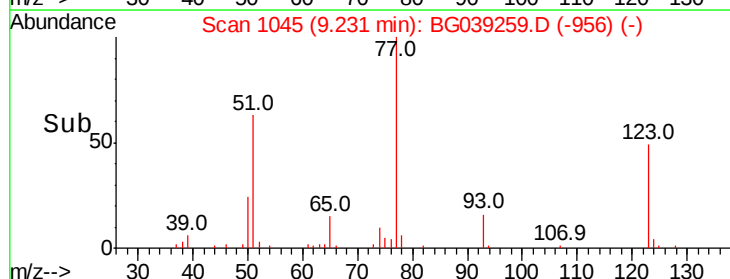
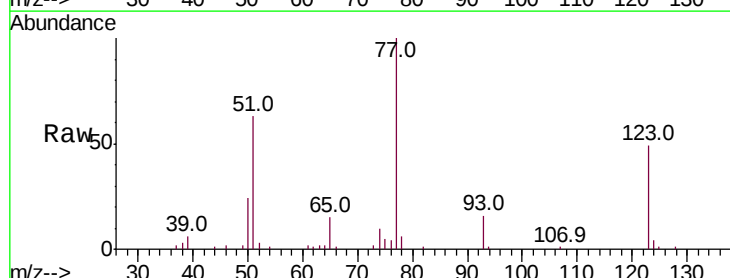
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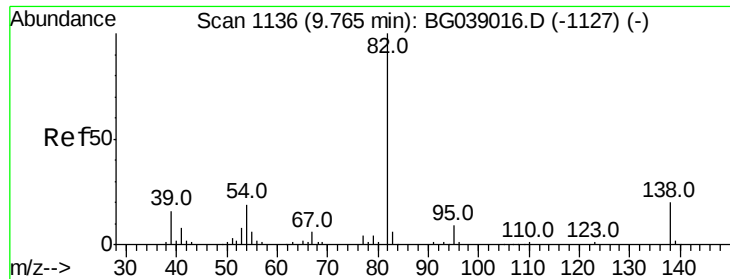
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#24
Nitrobenzene
Concen: 36.277 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.6	56.4
65	14.7	11.0	16.6





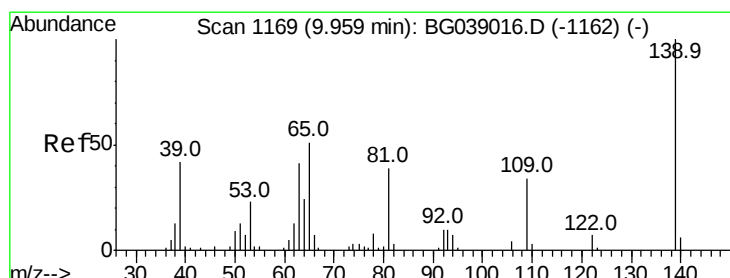
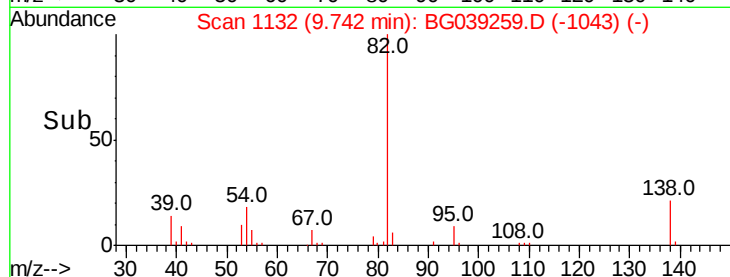
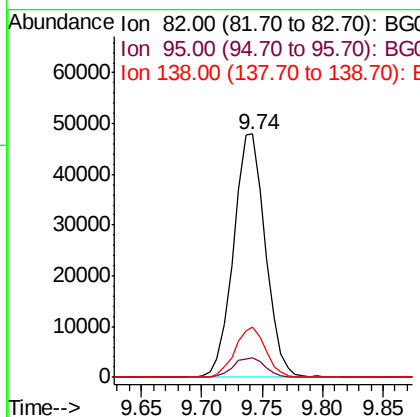
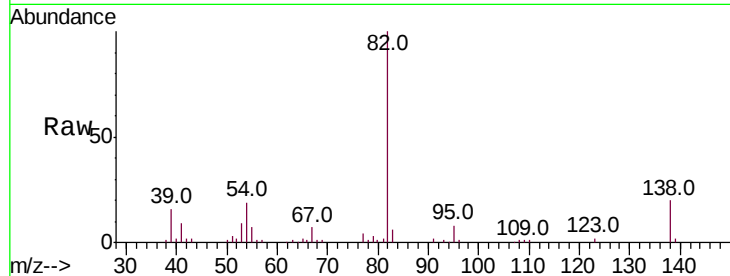
#25
Isophorone
Concen: 38.664 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.3	7.0	10.6
138	20.5	16.2	24.4

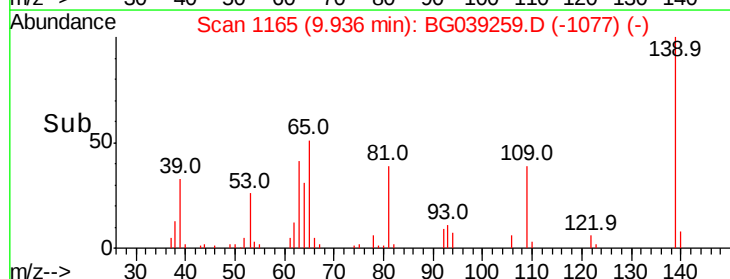
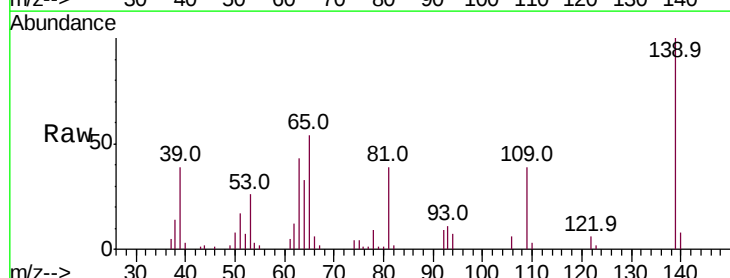
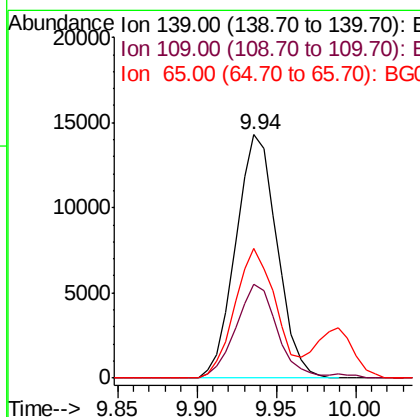
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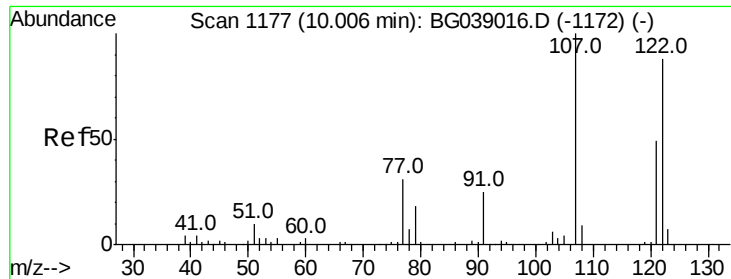
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#26
2-Nitrophenol
Concen: 35.677 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.7	27.3	40.9
65	53.5	40.6	61.0





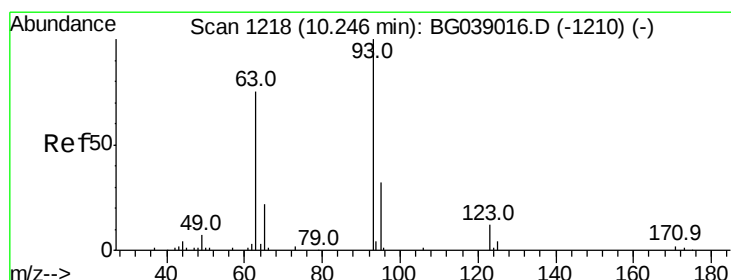
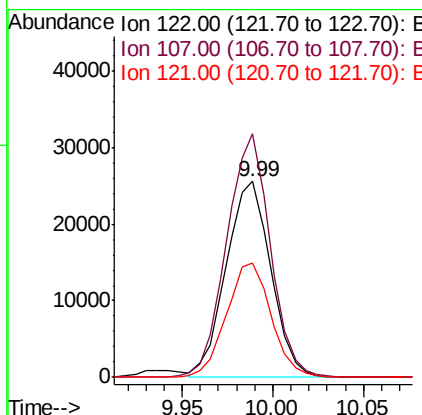
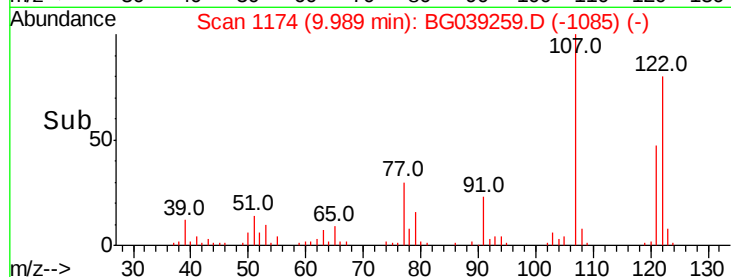
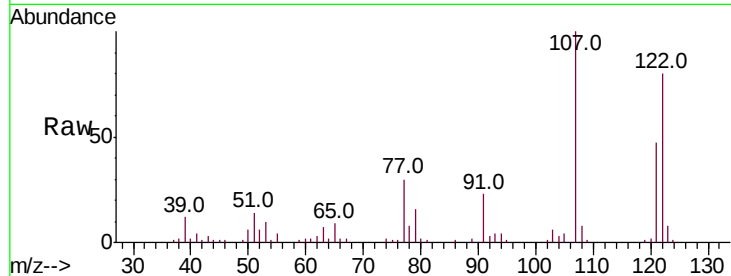
#27
 2,4-Dimethylphenol
 Concen: 43.082 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.4	88.8	133.2
121	58.7	43.1	64.7

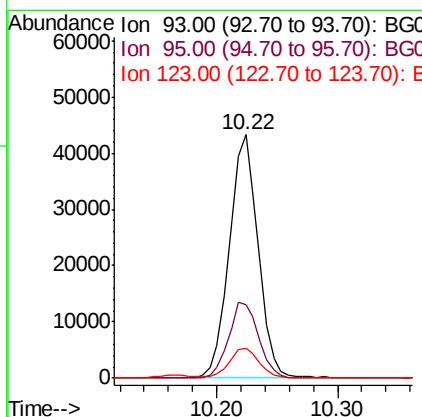
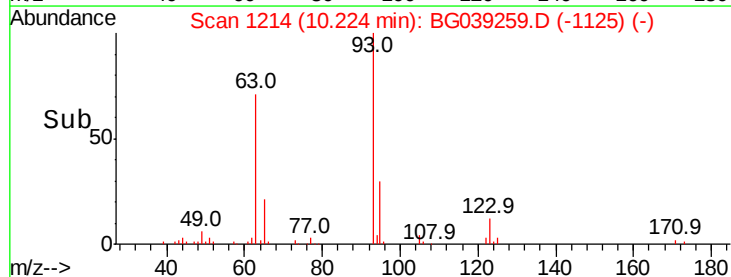
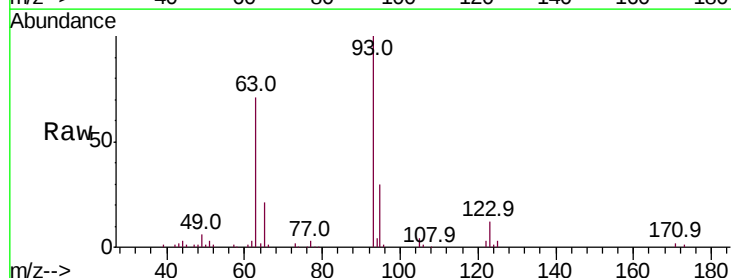
Manual Integrations
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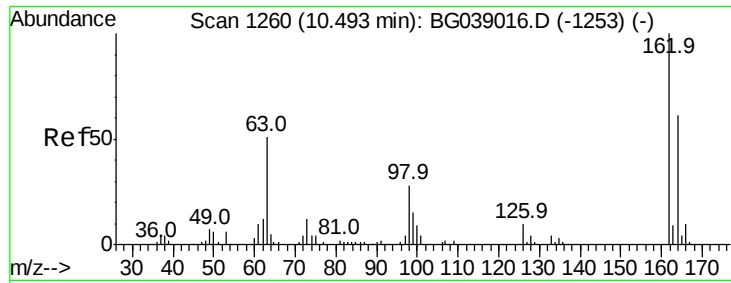
Sohil
 1/24/2019 12:15:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.344 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.9	25.6	38.4
123	12.1	10.1	15.1





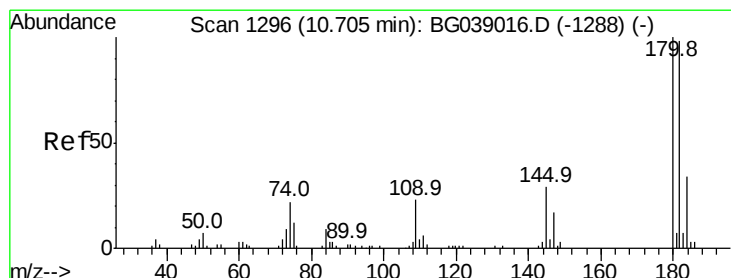
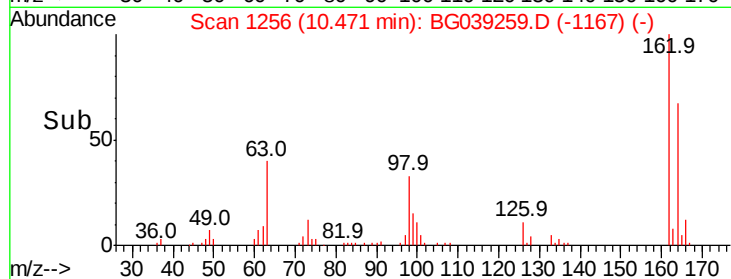
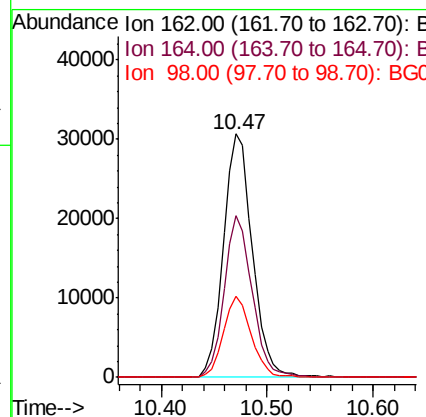
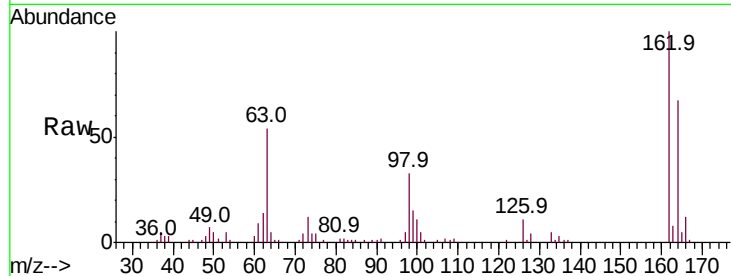
#29
 2,4-Dichlorophenol
 Concen: 46.024 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	58119		
164	66.7	41.3	81.3	
98	33.4	8.3	48.3	

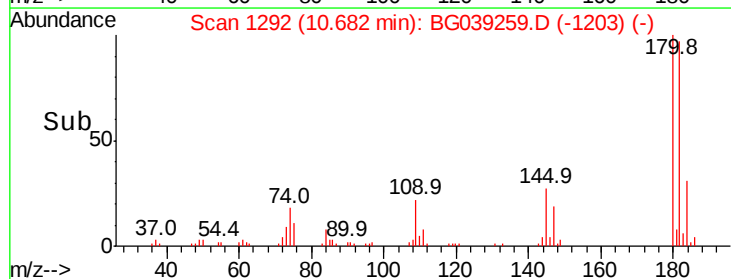
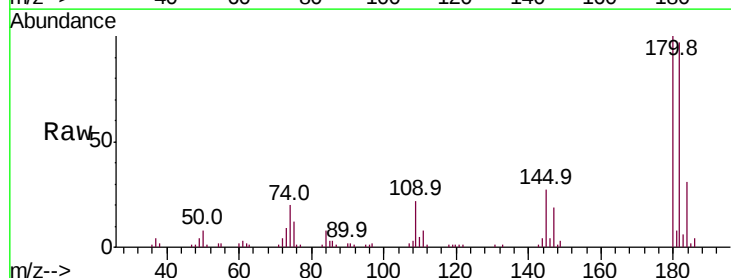
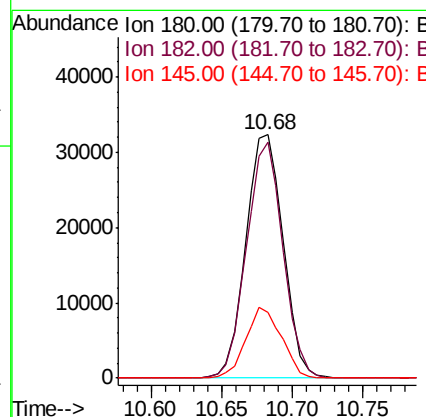
Manual Integrations
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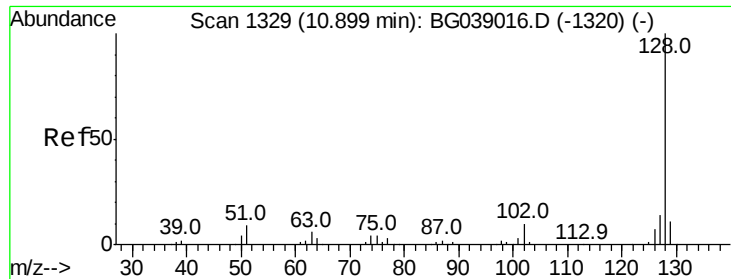
Sohil
 1/24/2019 12:15:50 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.517 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59958		
182	97.1	78.1	117.1	
145	26.9	23.1	34.7	





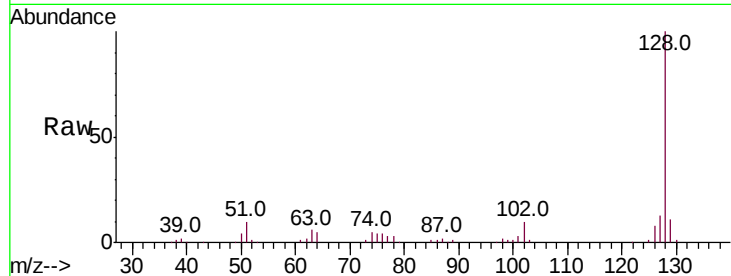
#31
Naphthalene
Concen: 43.282 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	13.2	11.2	16.8

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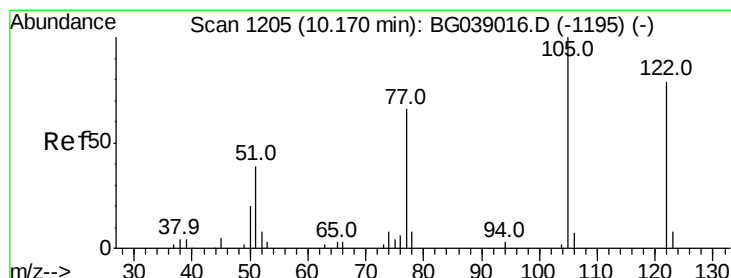
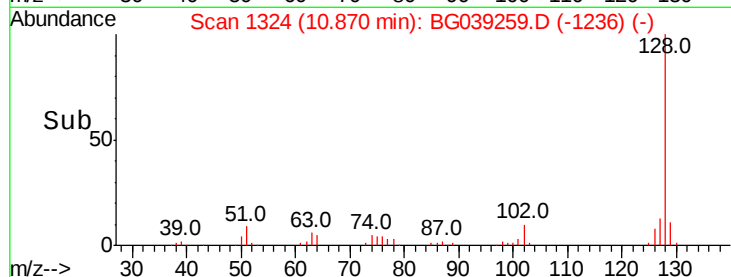
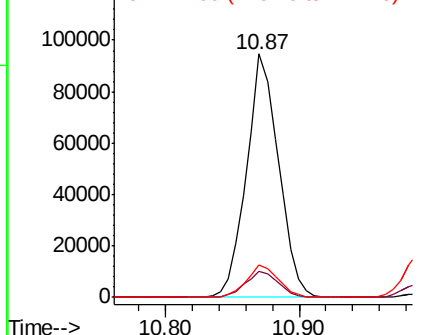


Abundance

Ion 128.00 (127.70 to 128.70): E

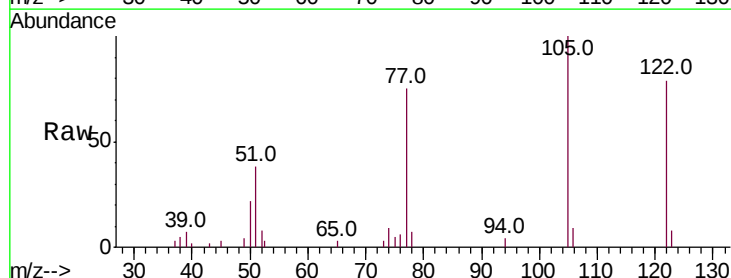
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 33.105 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	106.4	146.4
77	94.8	63.6	103.6

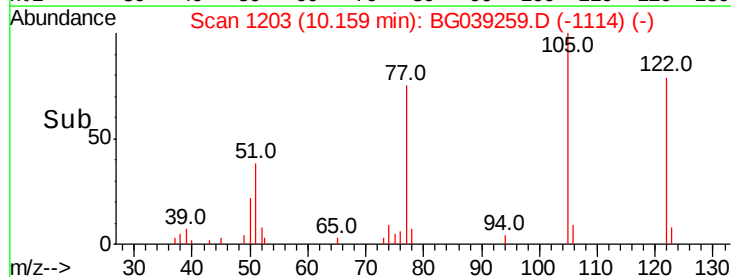
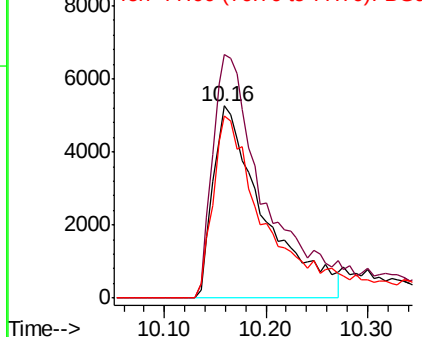


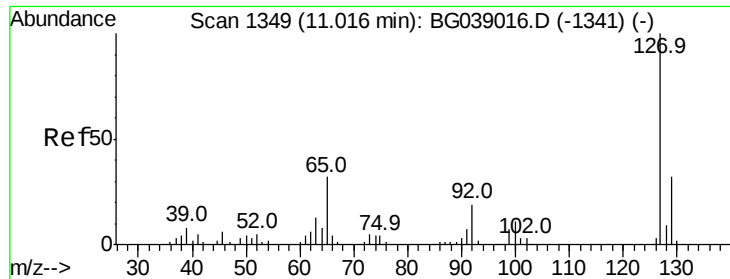
Abundance

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





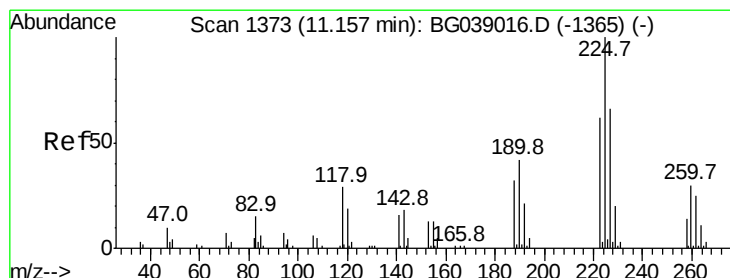
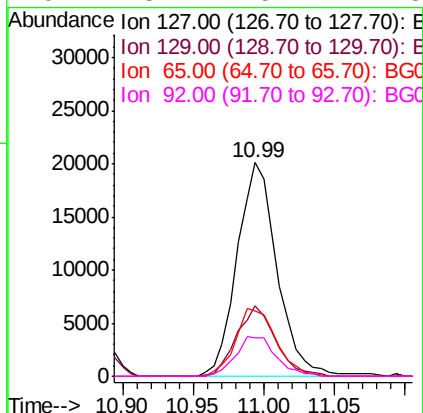
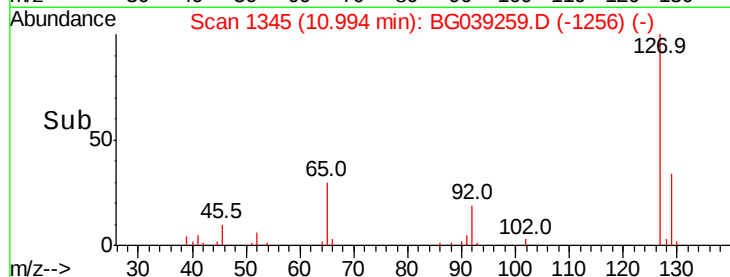
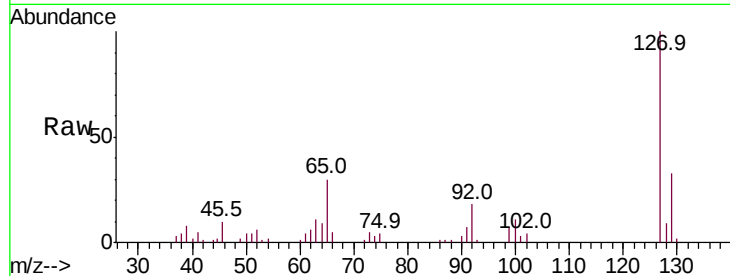
#33
4-Chloroaniline
Concen: 24.440 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.0
65	30.4	25.4	38.0
92	18.2	15.2	22.8

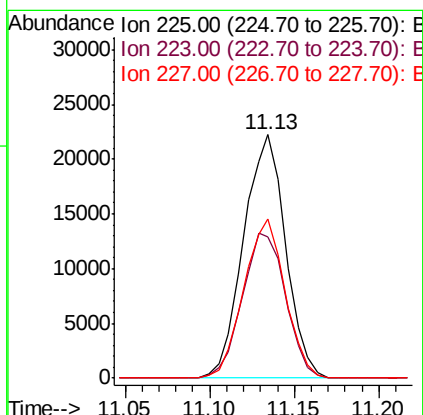
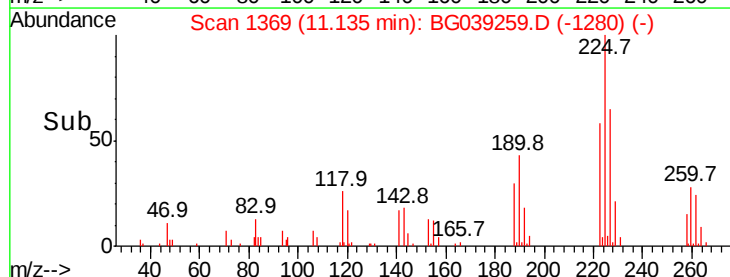
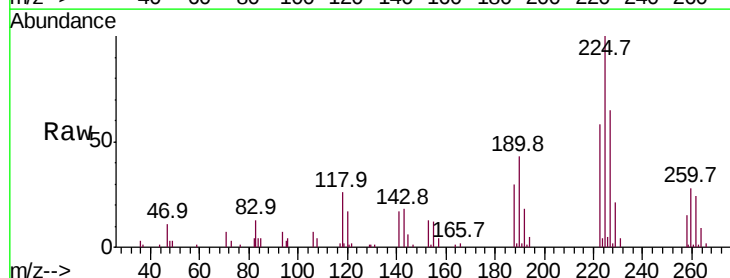
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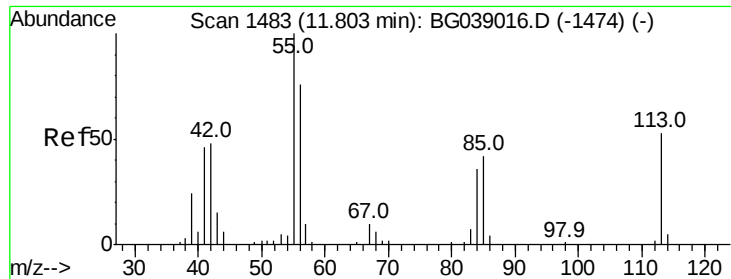
Sohil
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#34
Hexachlorobutadiene
Concen: 36.708 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.0	50.2	75.4
227	67.6	53.2	79.8





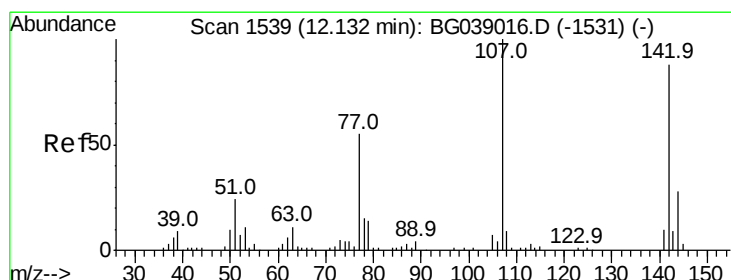
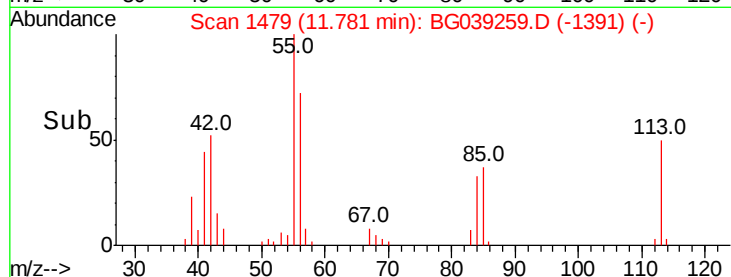
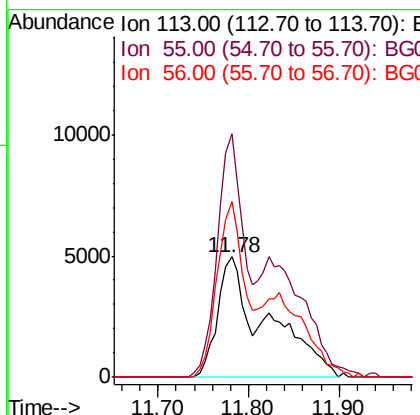
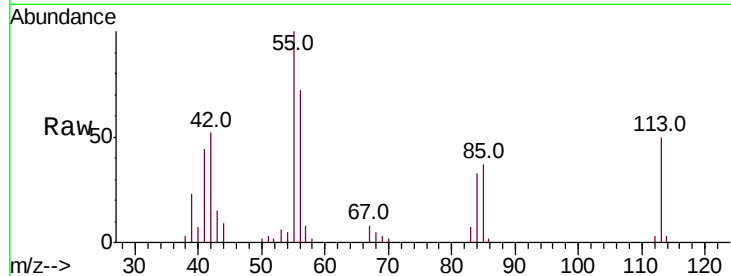
#35
 Caprolactam
 Concen: 36.894 ng/ml
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:113 Resp: 18682
 Ion Ratio Lower Upper
 113 100
 55 201.8 168.6 208.6
 56 146.0 123.2 163.2

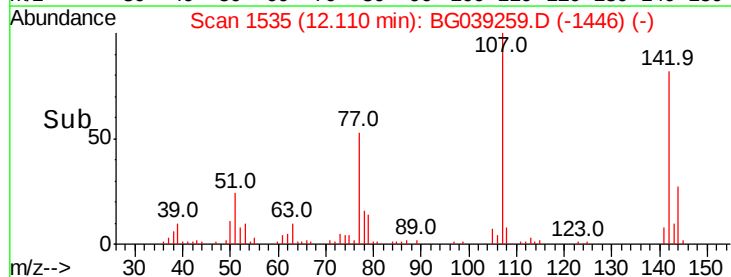
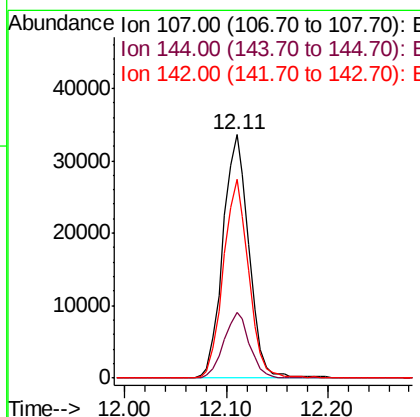
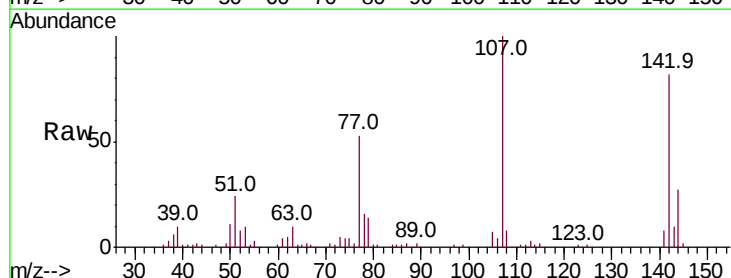
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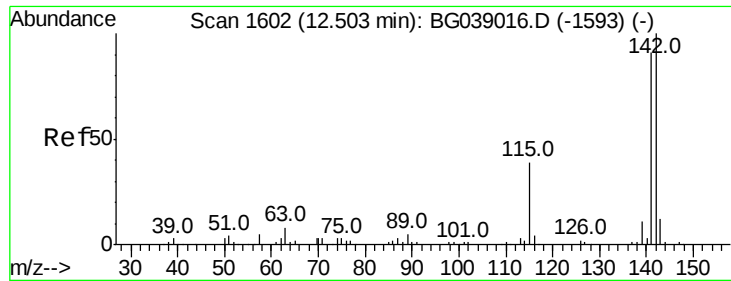
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 43.962 ng/ml
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:107 Resp: 59376
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.6 34.0
 142 81.9 70.2 105.4





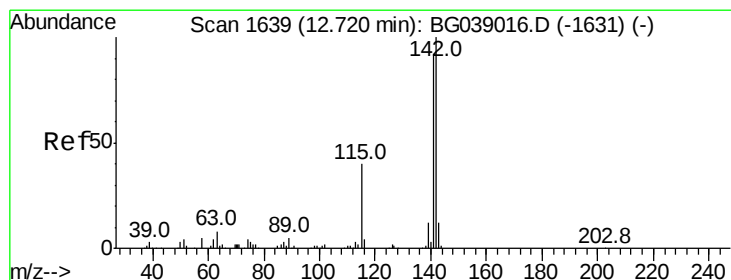
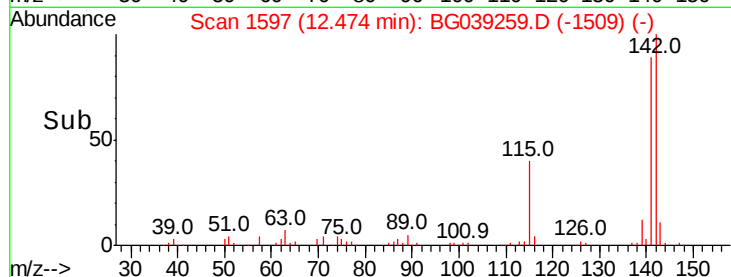
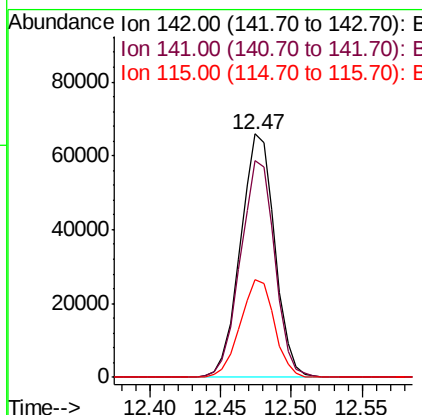
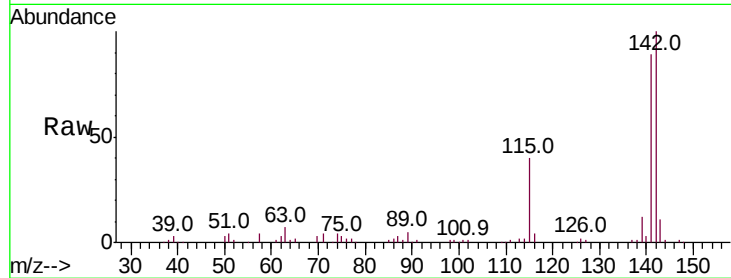
#37
2-Methylnaphthalene
Concen: 41.075 ng
RT: 12.47 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	109.0
115	40.2	31.1	46.7

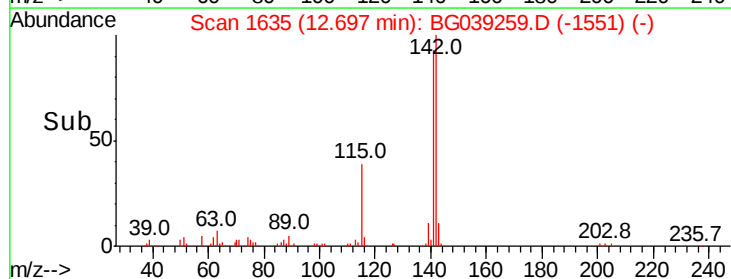
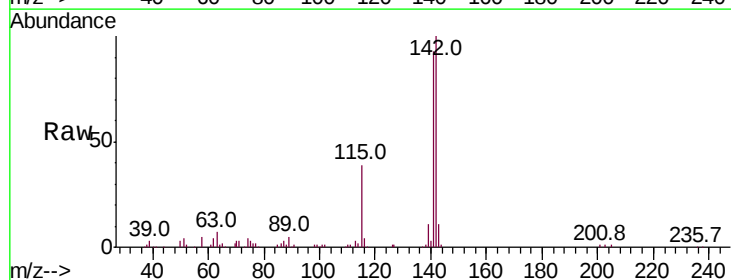
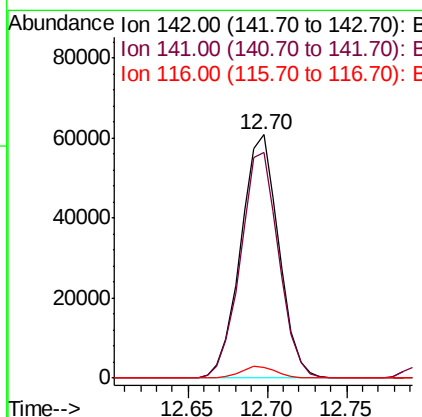
Manual Integrations
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#38
1-Methylnaphthalene
Concen: 38.823 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.3	109.9
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

Tot Ion:164 Resp: 47013

Ion Ratio Lower Upper

164 100

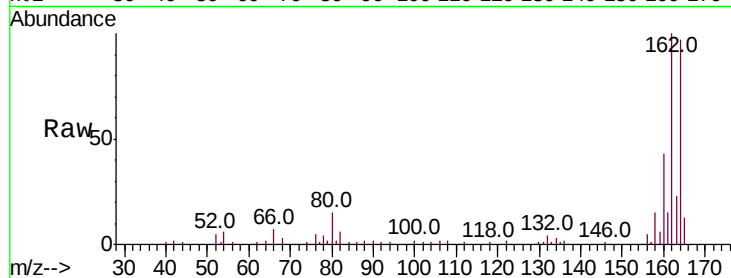
162 103.1 87.2 130.8

160 44.3 33.3 49.9

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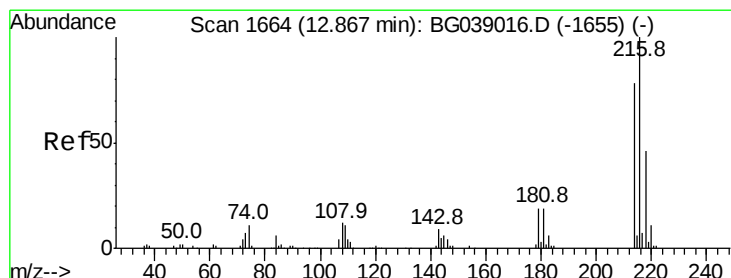
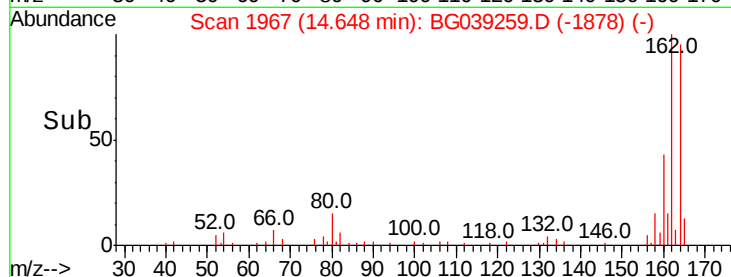
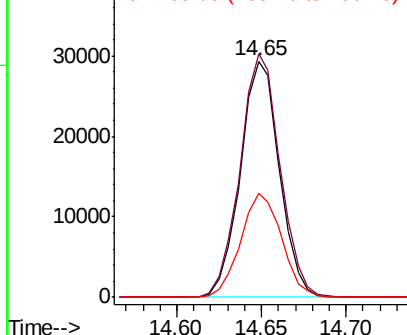


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.188 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:216 Resp: 69191

Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.2

179 19.0 15.5 23.3

108 15.2 11.4 17.2

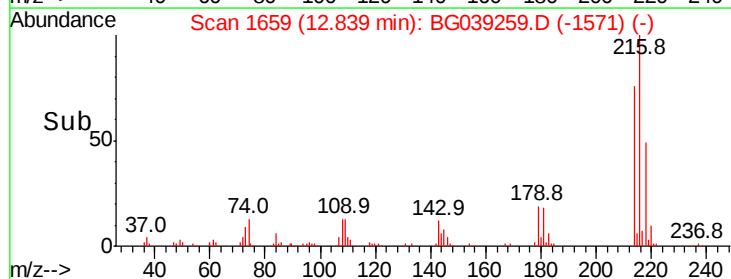
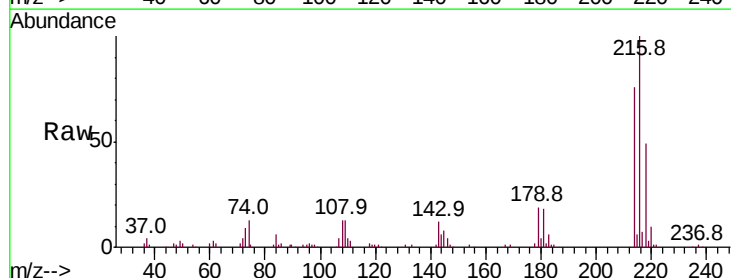
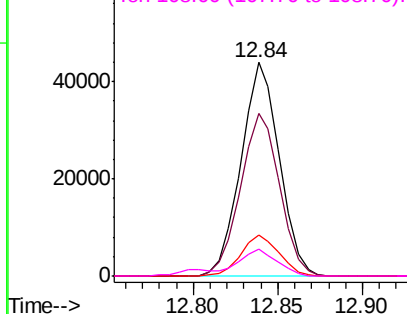
Abundance

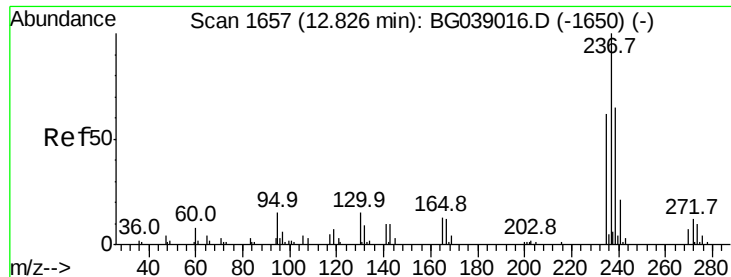
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.031 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

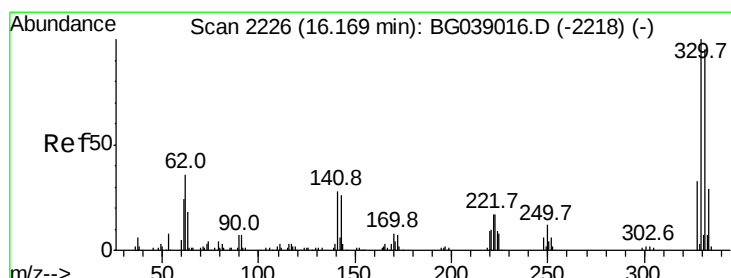
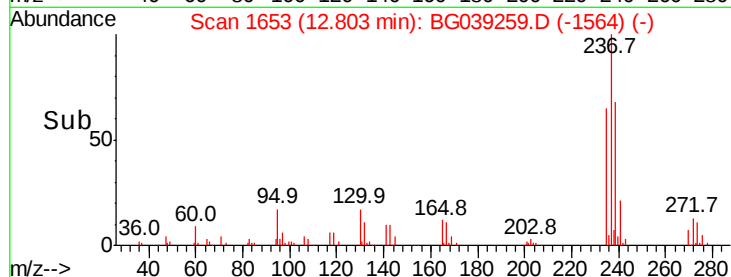
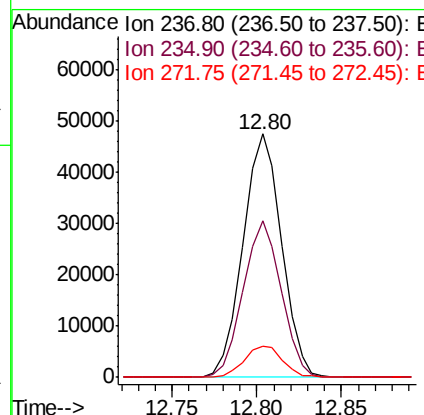
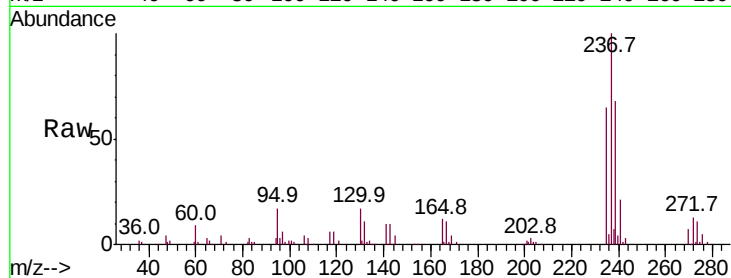
ClientSampleId :

PB116551BSD

Tot Ion:	237	Resp:	75301
Ion Ratio	Lower	Upper	
237	100		
235	64.6	41.7	81.7
272	12.5	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 130.650 ng

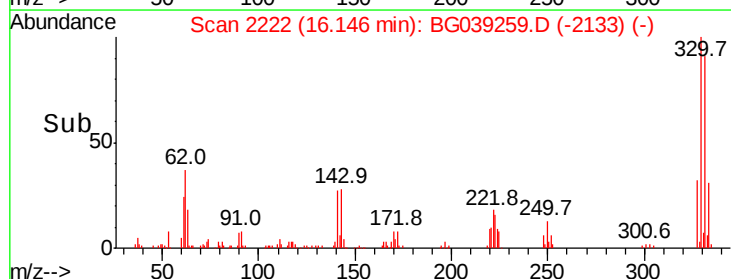
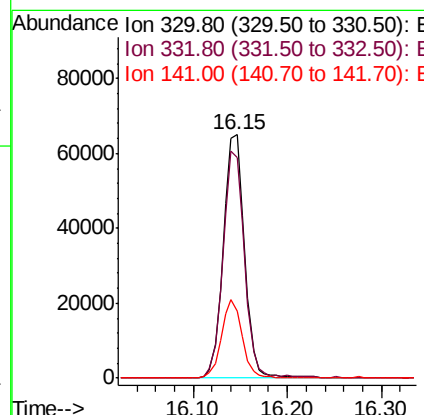
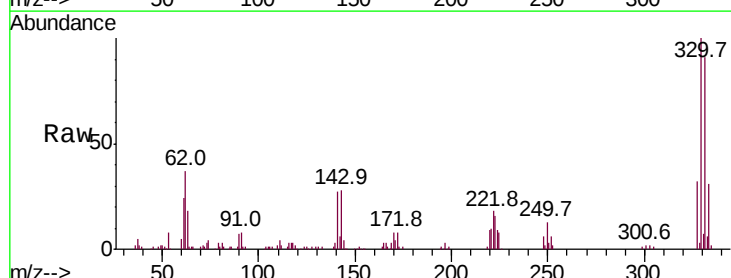
RT: 16.15 min Scan# 2222

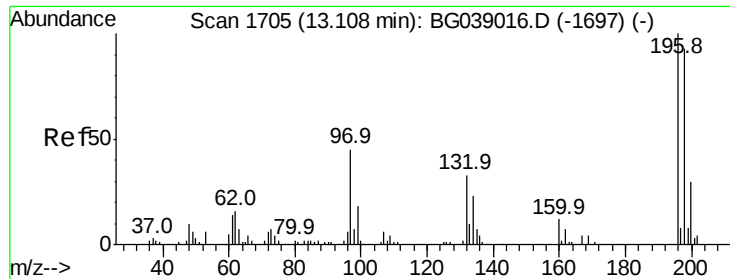
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	330	Resp:	102961
Ion Ratio	Lower	Upper	
330	100		
332	94.2	75.7	113.5
141	30.9	24.9	37.3





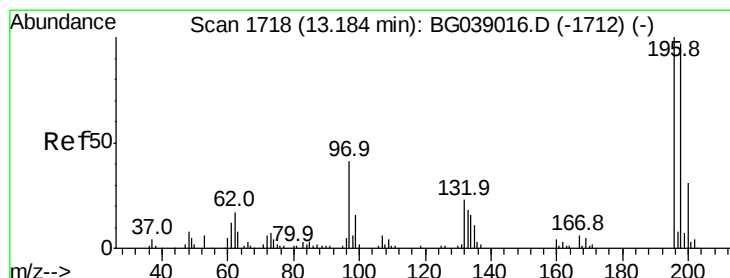
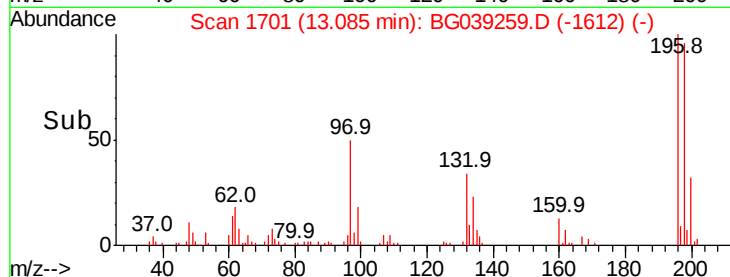
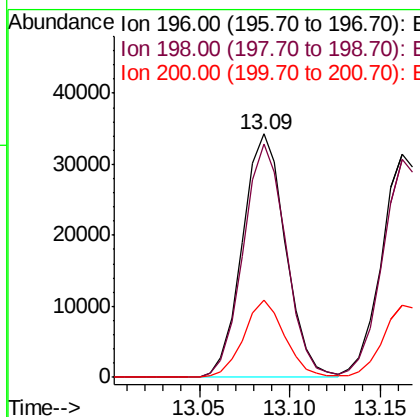
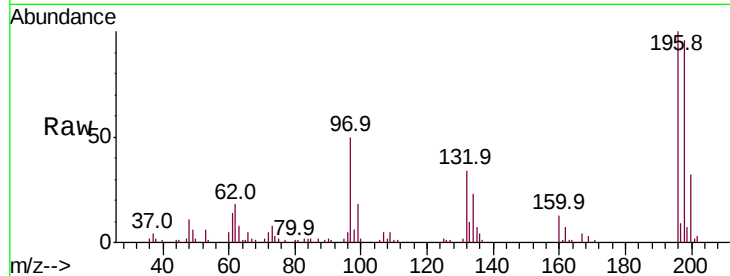
#43
 2,4,6-Trichlorophenol
 Concen: 51.109 ng
 RT: 13.09 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampled :
 PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	56794		
198	96.1	74.5	111.7	
200	31.5	23.8	35.6	

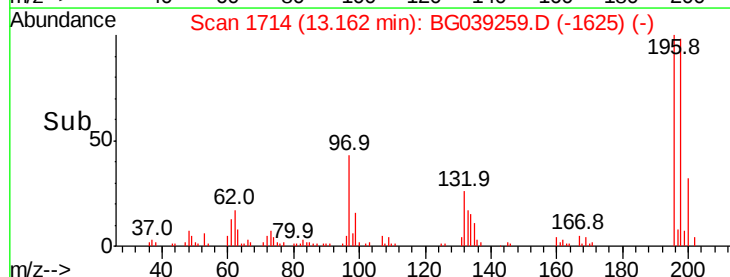
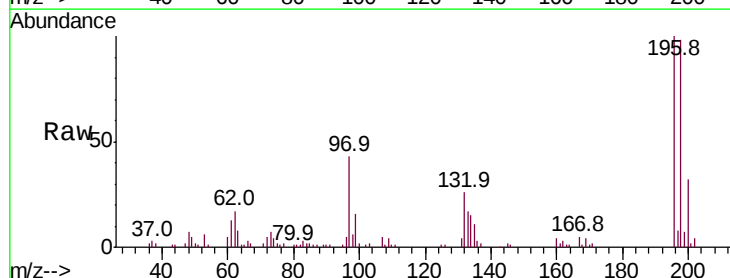
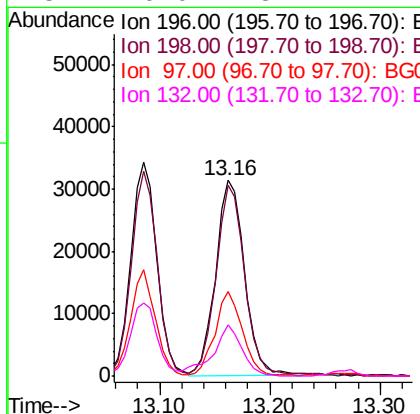
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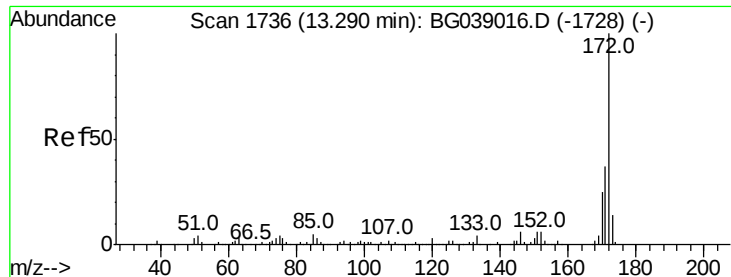
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#44
 2,4,5-Trichlorophenol
 Concen: 48.760 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57268		
198	97.6	78.1	117.1	
97	43.5	33.2	49.8	
132	26.0	18.2	27.4	





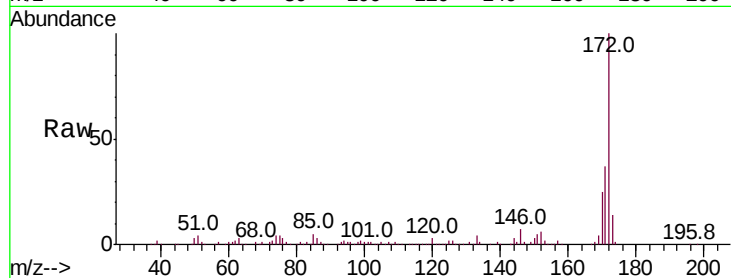
#45
2-Fluorobiphenyl
Concen: 85.695 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

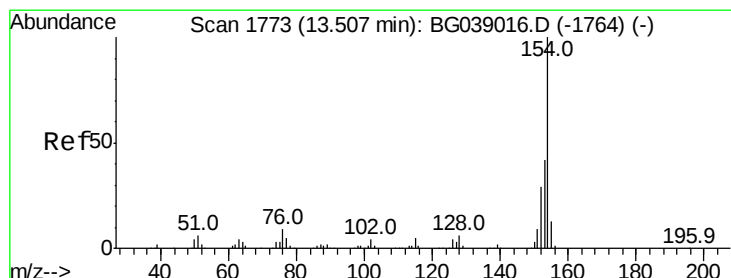
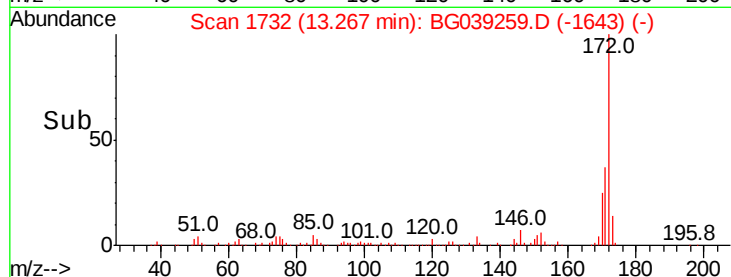
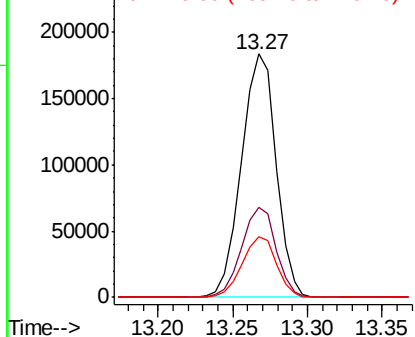
Tot Ion:172	Resp:	294381
Ion Ratio	Lower	Upper
172 100		
171 36.9	29.4	44.0
170 24.7	20.1	30.1

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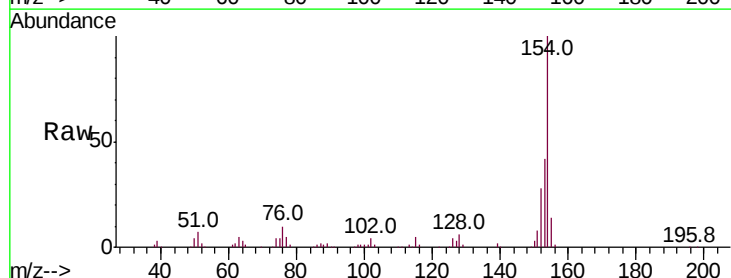


Abundance Ion 172.00 (171.70 to 172.70): E
250000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

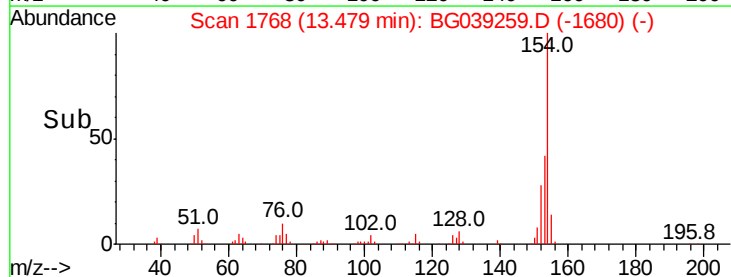
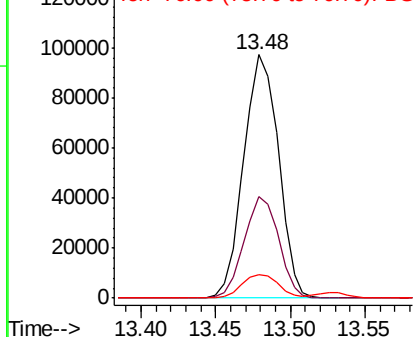


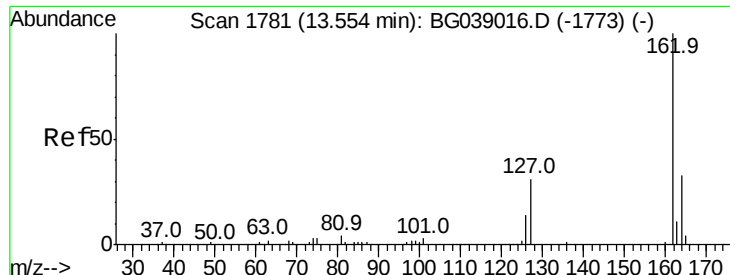
#46
1,1'-Biphenyl
Concen: 42.157 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion:154	Resp:	157045
Ion Ratio	Lower	Upper
154 100		
153 41.8	22.4	62.4
76 9.9	0.0	29.4



Abundance Ion 154.00 (153.70 to 154.70): E
120000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 41.204 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

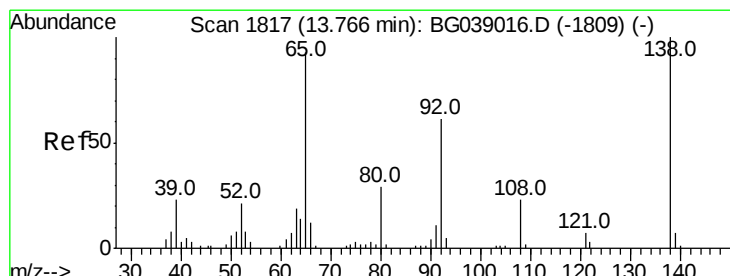
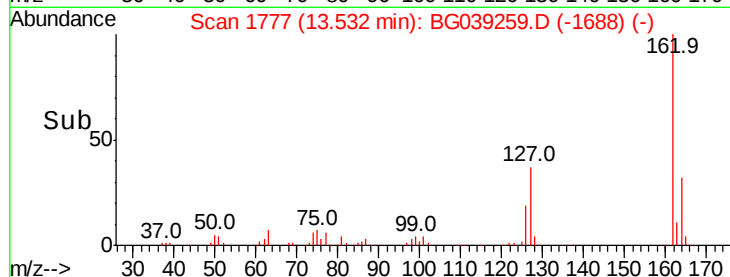
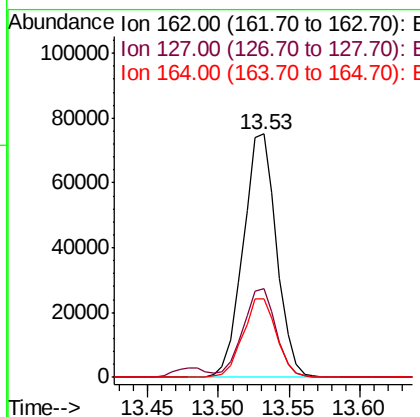
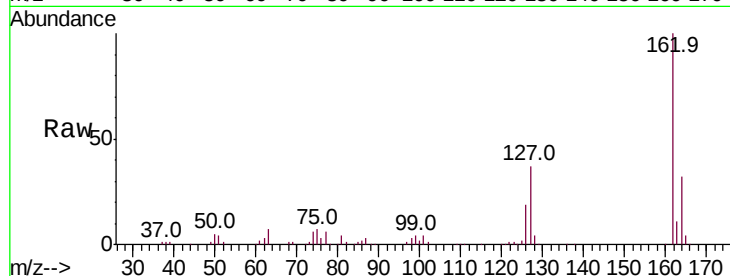
ClientSampleId :

PB116551BSD

Tot Ion:	162	Resp:	124211
Ion Ratio	Lower	Upper	
162	100		
127	36.7	28.4	42.6
164	32.4	26.3	39.5

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#48

2-Nitroaniline

Concen: 44.806 ng

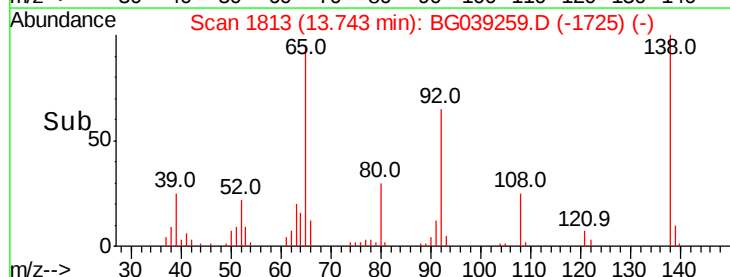
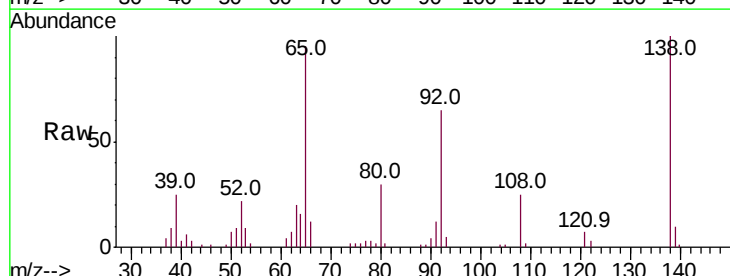
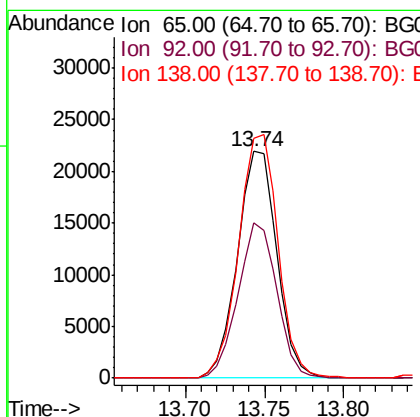
RT: 13.74 min Scan# 1813

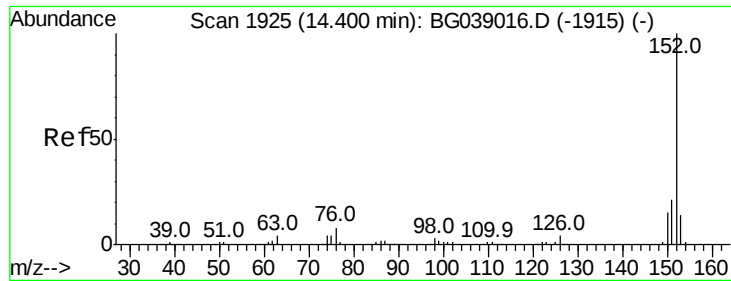
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	65	Resp:	37840
Ion Ratio	Lower	Upper	
65	100		
92	68.7	52.2	78.4
138	105.6	86.0	129.0





#49

Acenaphthylene

Concen: 43.300 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

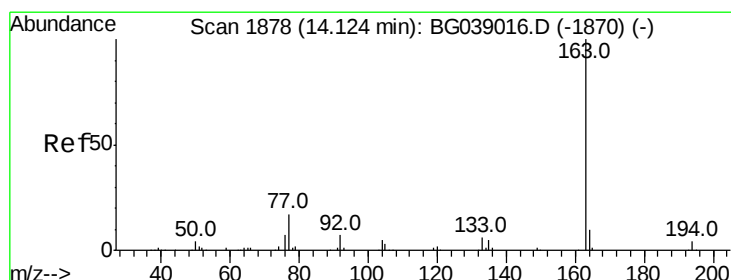
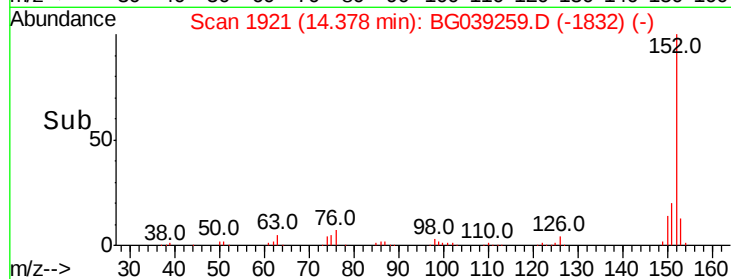
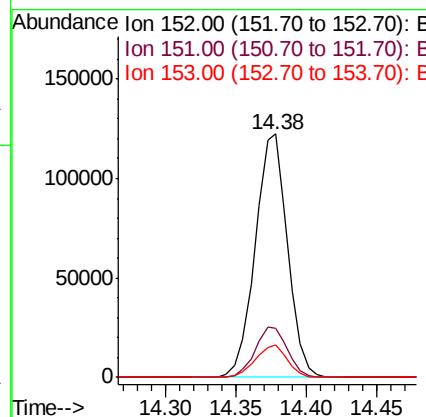
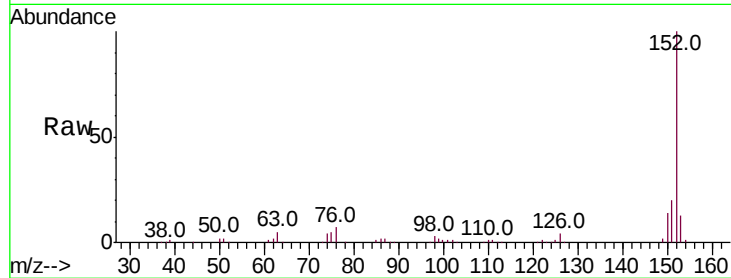
ClientSampleId :

PB116551BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.4
153	13.4	11.2	16.8

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#50

Dimethylphthalate

Concen: 40.554 ng

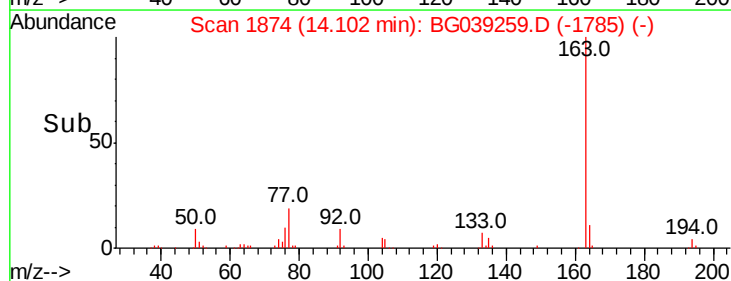
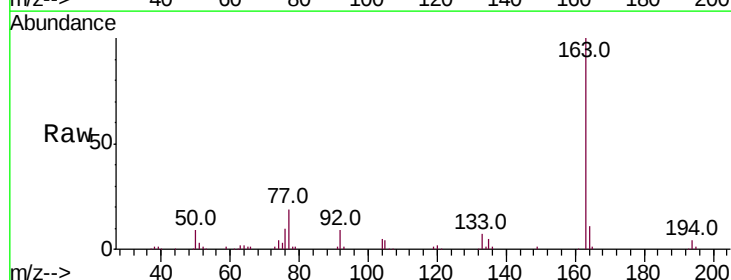
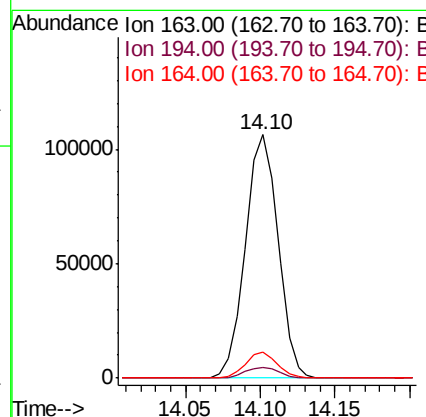
RT: 14.10 min Scan# 1874

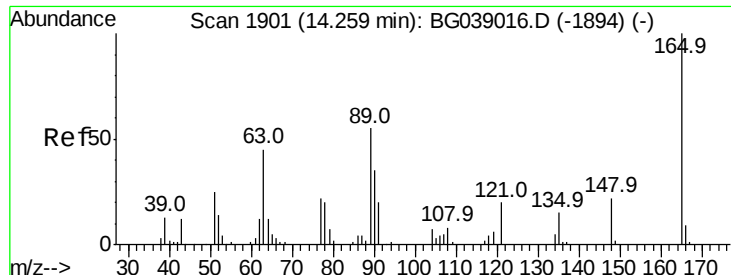
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.6	8.2	12.2





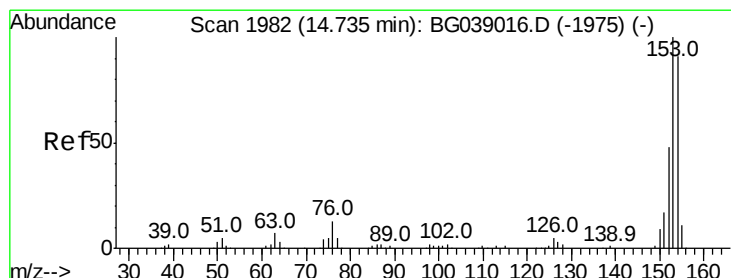
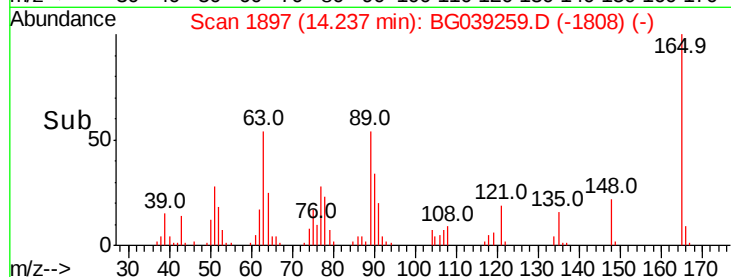
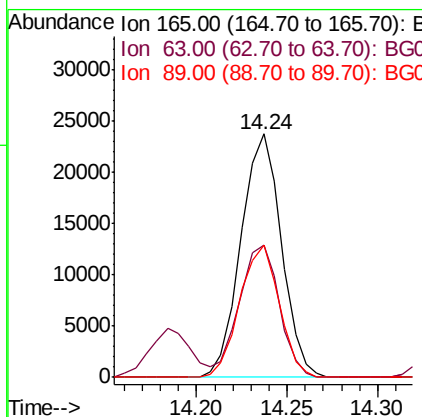
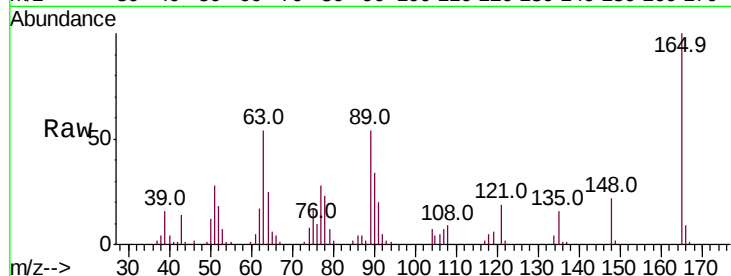
#51
 2,6-Dinitrotoluene
 Concen: 41.403 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.5	43.6	65.4
89	54.5	43.7	65.5

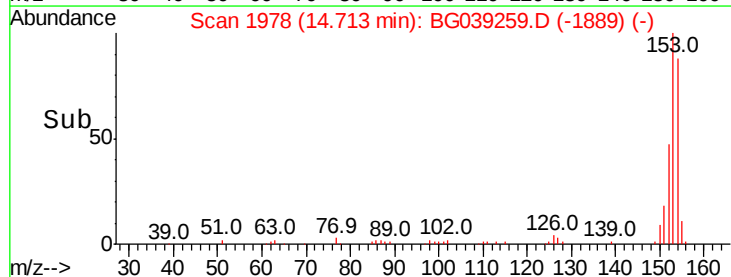
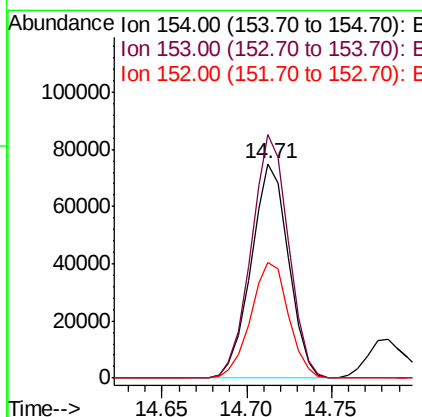
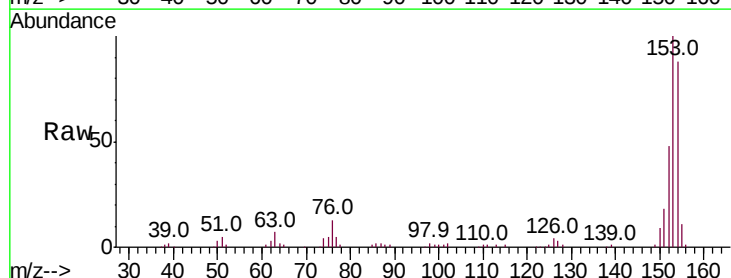
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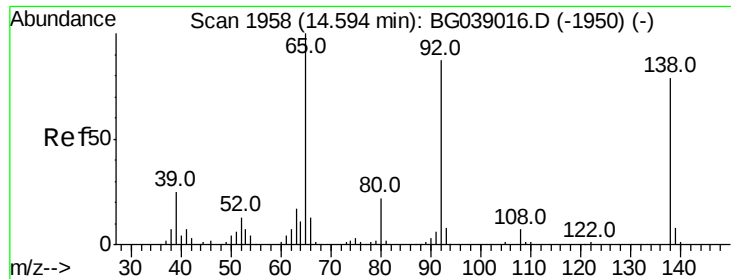
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#52
 Acenaphthene
 Concen: 42.236 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.9	131.9
152	54.1	42.2	63.2





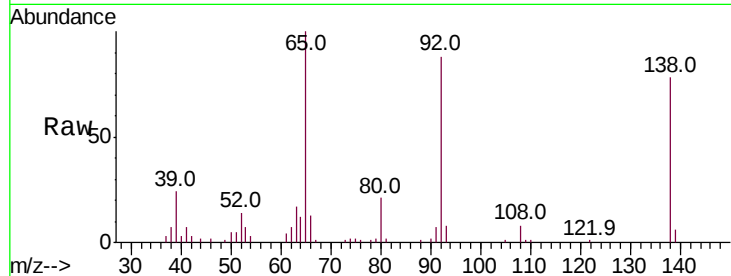
#53
3-Nitroaniline
Concen: 30.486 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.4	11.0
92	113.5	88.2	132.4

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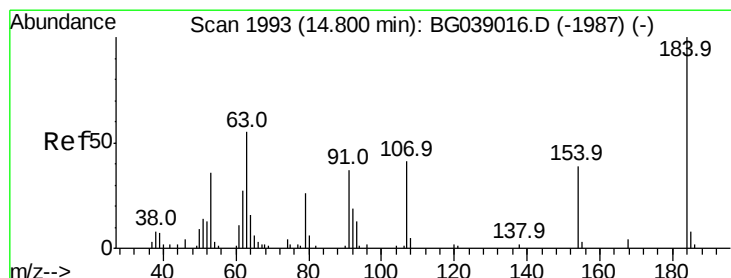
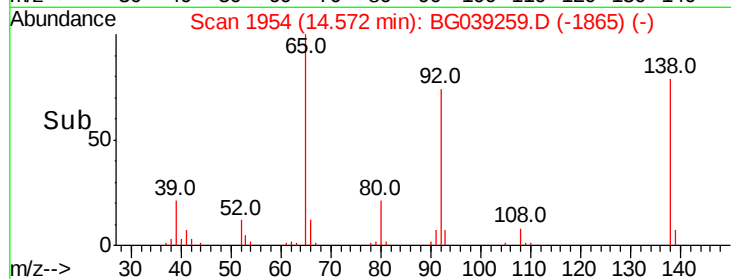
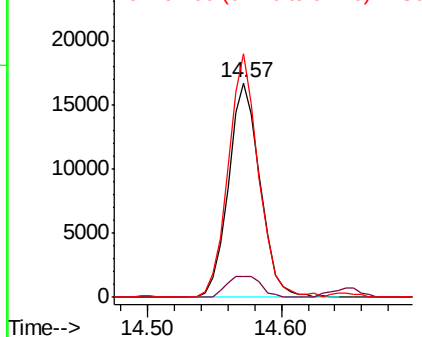


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54
2,4-Dinitrophenol
Concen: 71.364 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

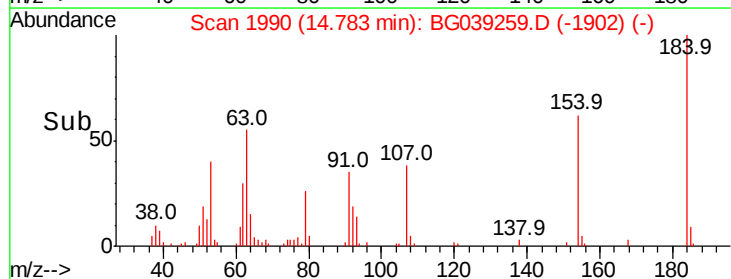
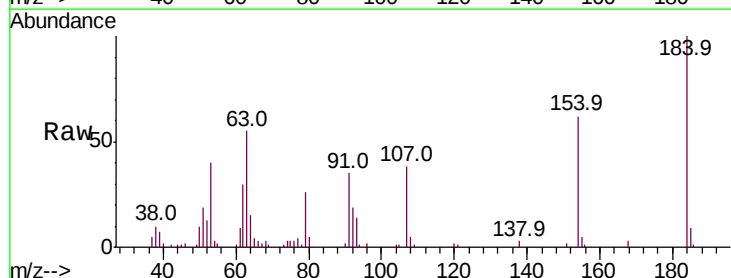
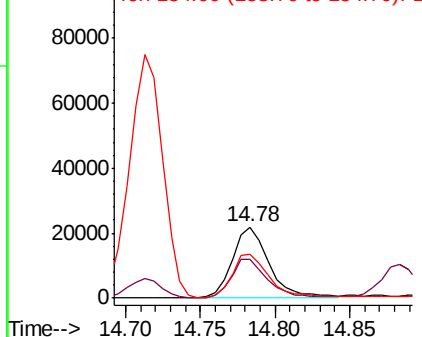
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	44.0	66.0
154	61.7	46.1	69.1

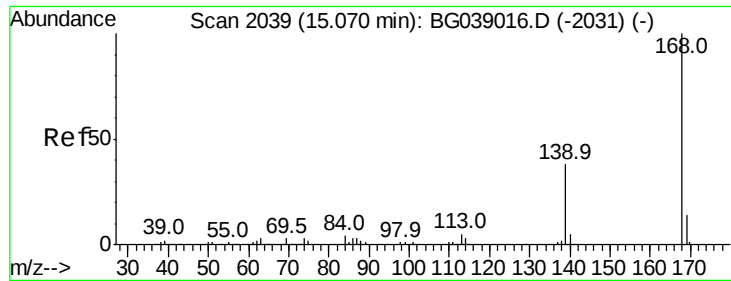
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.911 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

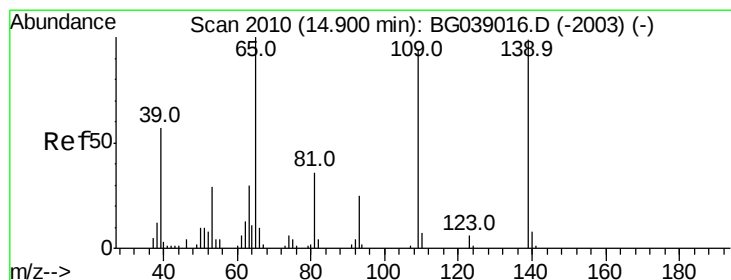
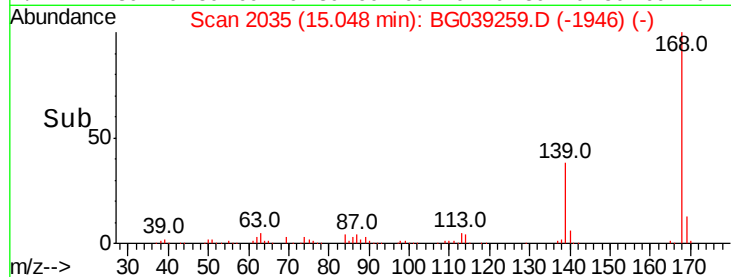
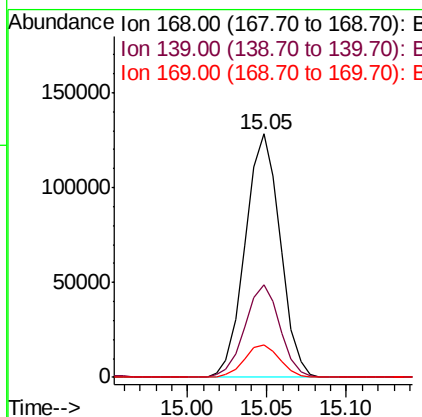
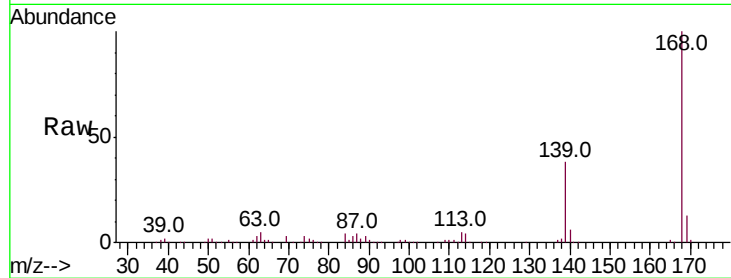
ClientSampleId :

PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	196701		
139	37.9	30.1	45.1	
169	13.4	10.9	16.3	

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#56

4-Nitrophenol

Concen: 85.454 ng

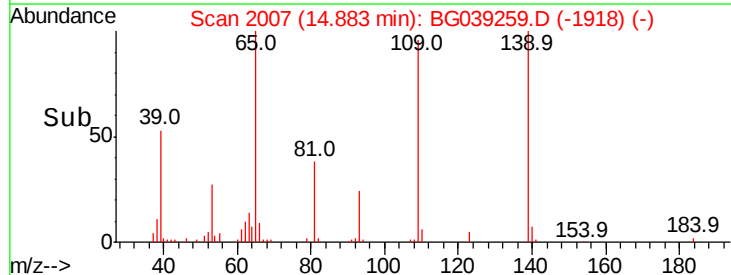
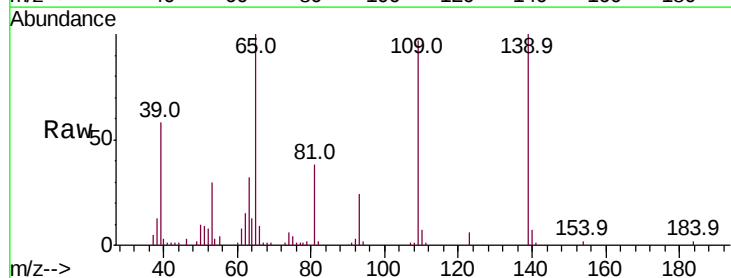
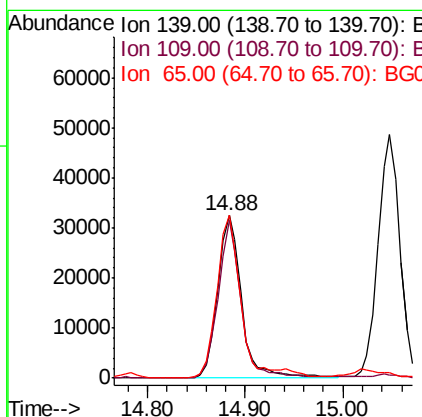
RT: 14.88 min Scan# 2007

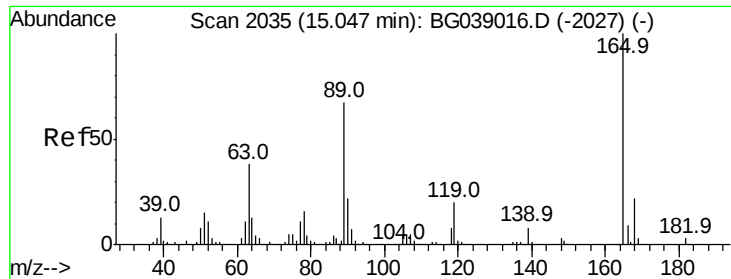
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	55402		
109	97.0	75.6	115.6	
65	100.1	81.2	121.2	





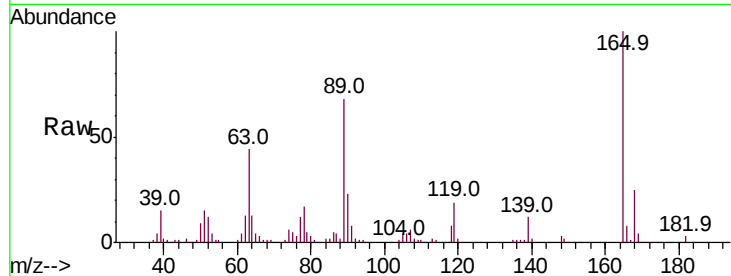
#57
2,4-Dinitrotoluene
Concen: 41.707 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampled :
PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.3	30.2	45.4	
89	68.2	53.2	79.8	
182	2.8	2.7	4.1	

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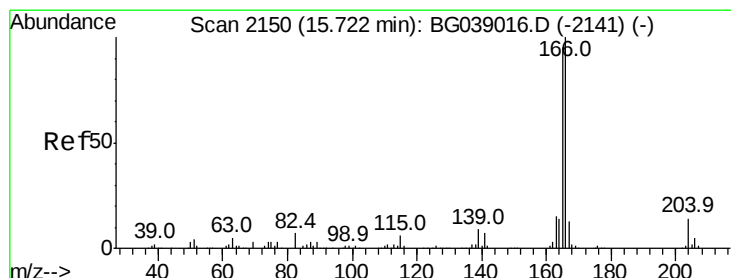
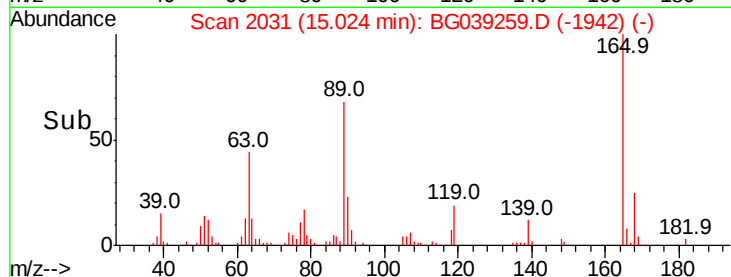
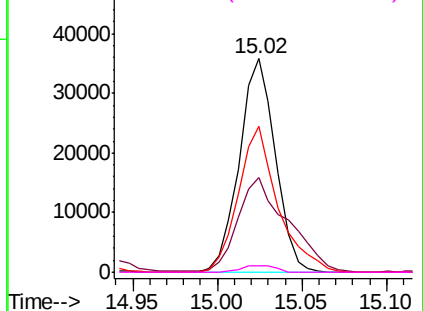
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

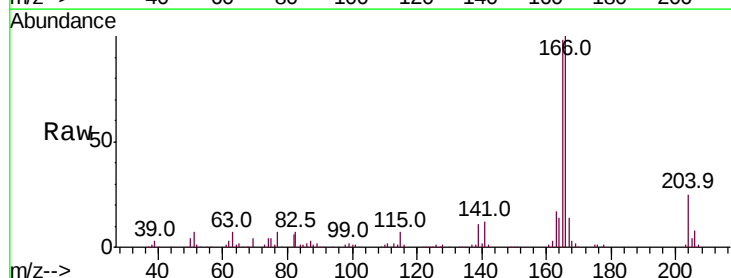
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.720 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	76.2	114.2	
167	13.9	10.6	16.0	

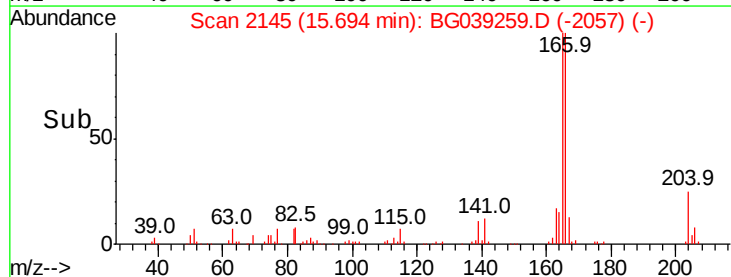
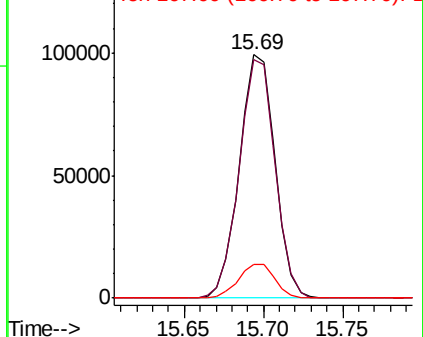


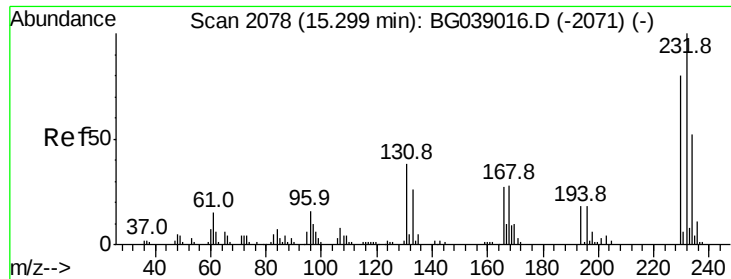
Abundance

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





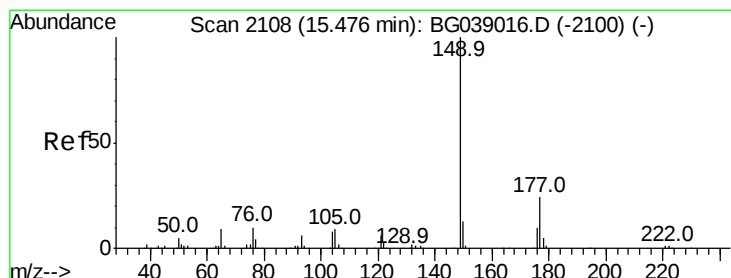
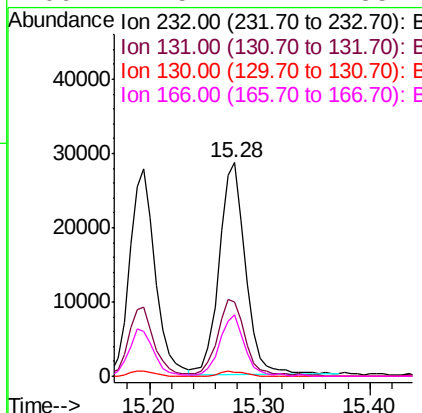
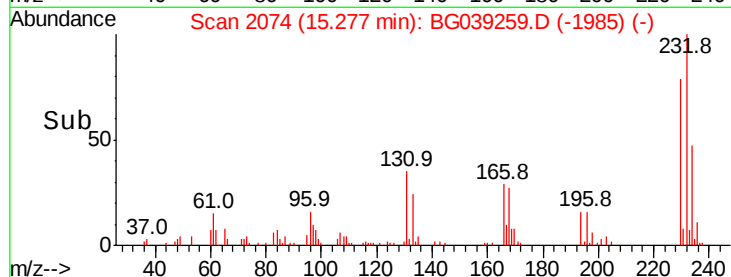
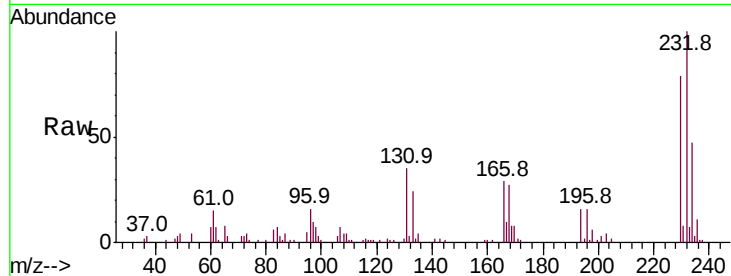
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.115 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	47800		
131	38.7		30.9	46.3
130	2.1		1.9	2.9
166	27.5		22.1	33.1

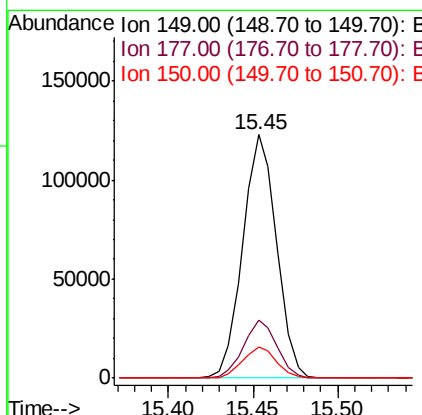
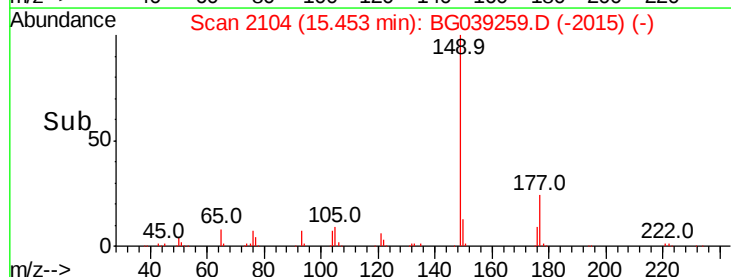
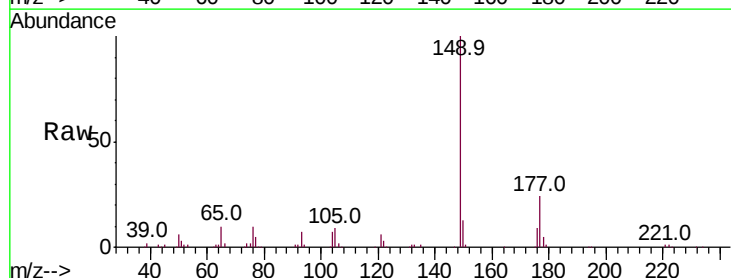
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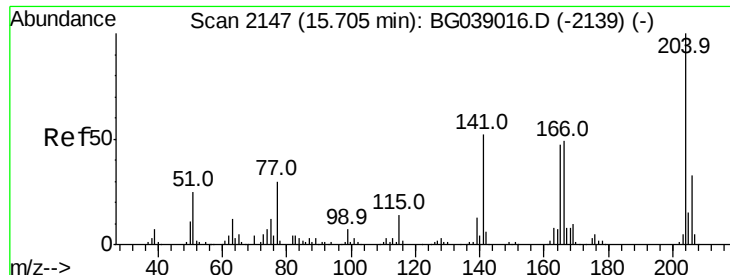
Sohil
 1/24/2019 12:15:50 PM



#60
 Diethylphthalate
 Concen: 41.725 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	170791		
177	23.8		19.0	28.6
150	12.7		10.2	15.4





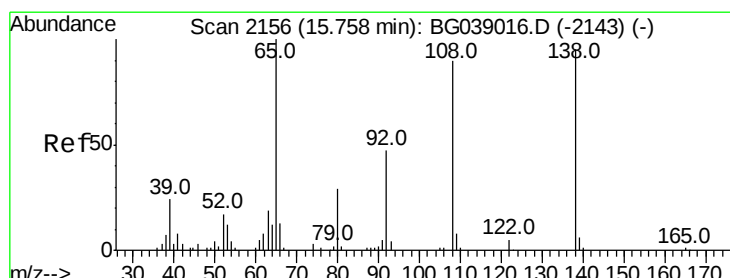
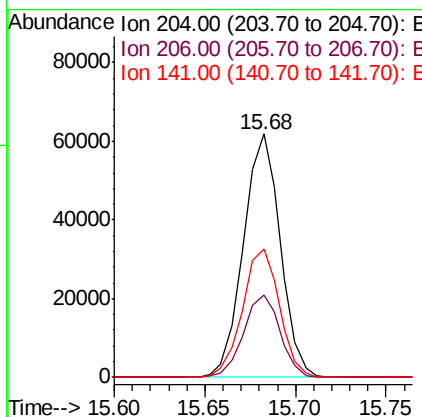
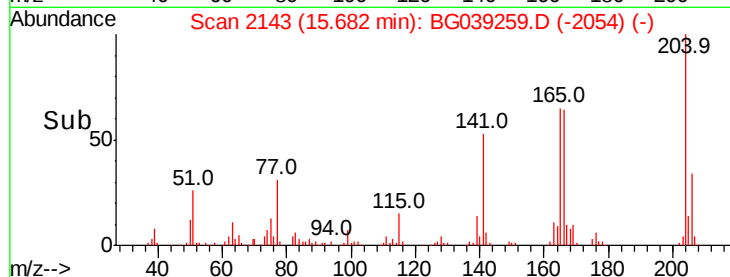
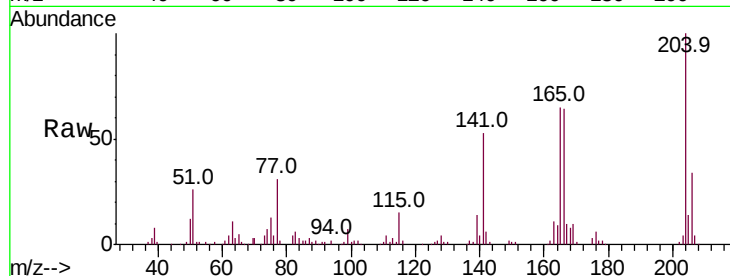
#61
4-Chlorophenyl-phenylether
Concen: 38.453 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	39.8
141	52.9	41.4	62.0

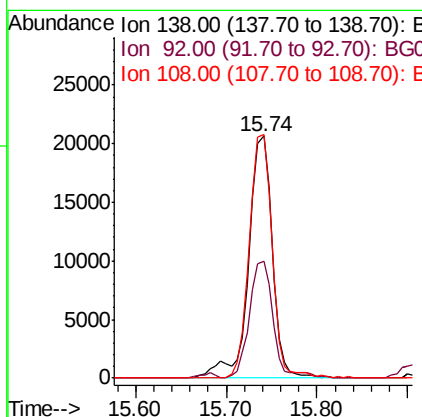
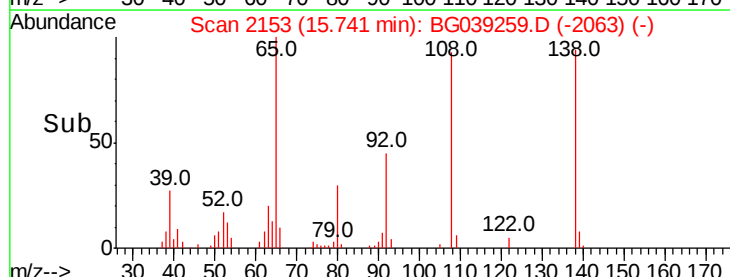
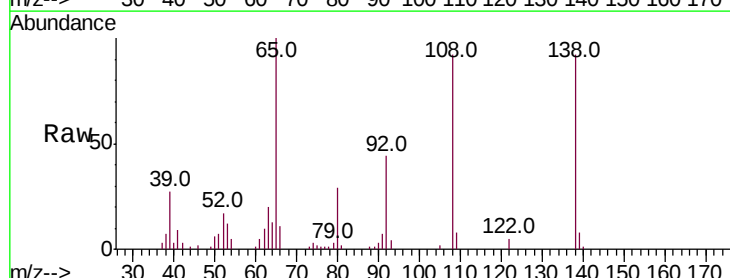
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#62
4-Nitroaniline
Concen: 40.026 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	29.7	69.7
108	100.5	75.7	115.7





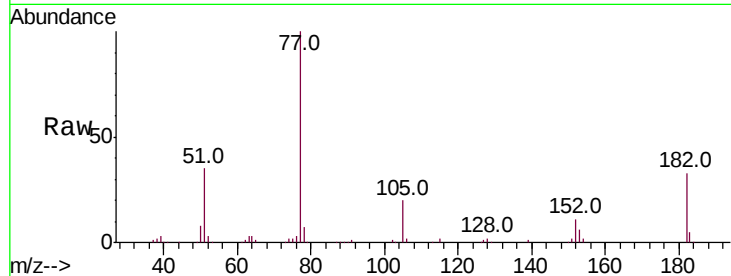
#63
Azobenzene
Concen: 41.115 ng
RT: 15.98 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

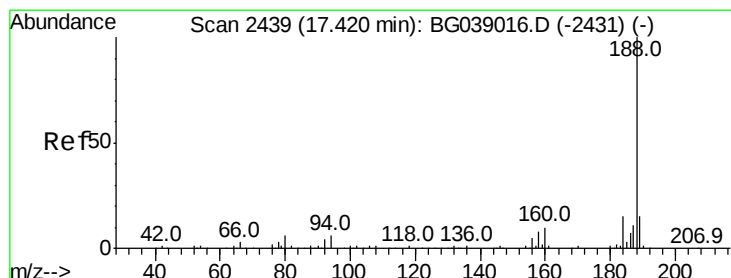
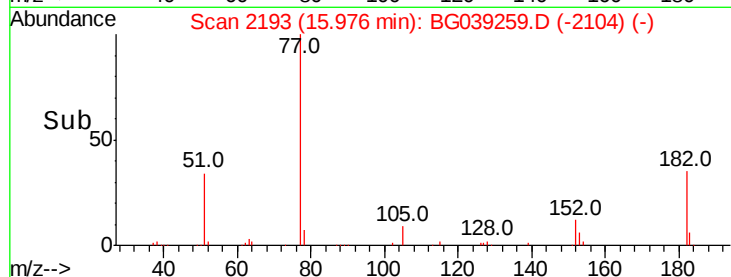
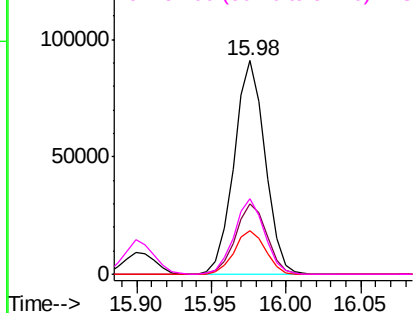
Tot Ion	Ratio	Lower	Upper
77	100		
182	33.1	12.2	52.2
105	20.4	1.2	41.2
51	35.2	13.4	53.4

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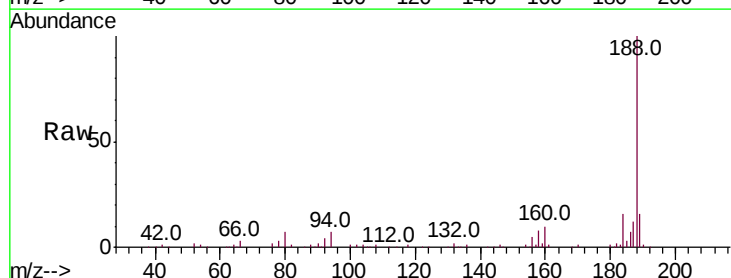


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

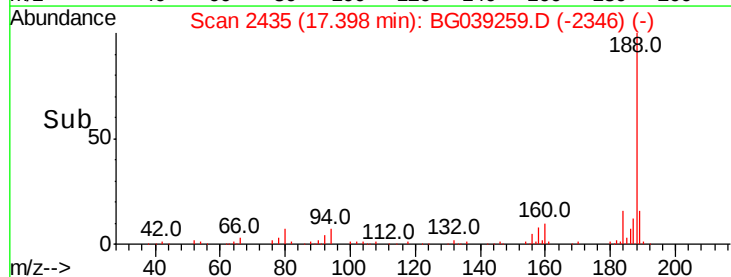
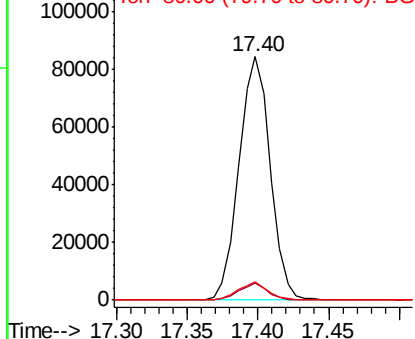


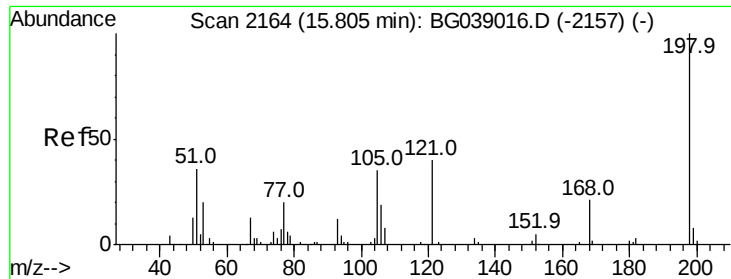
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.0	7.4
80	7.3	4.7	7.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 34.968 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

ClientSampleId :

PB116551BSD

Tot Ion:198 Resp: 33648

Ion Ratio Lower Upper

198 100

51 38.0 20.8 60.8

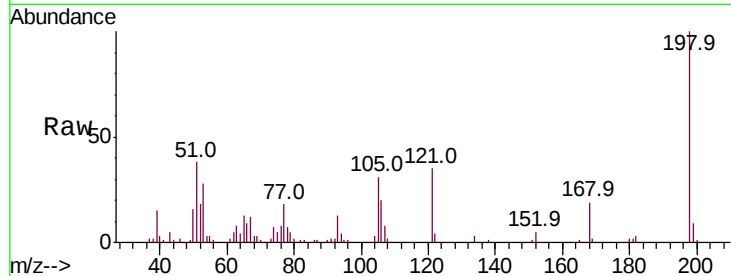
105 31.3 16.1 56.1

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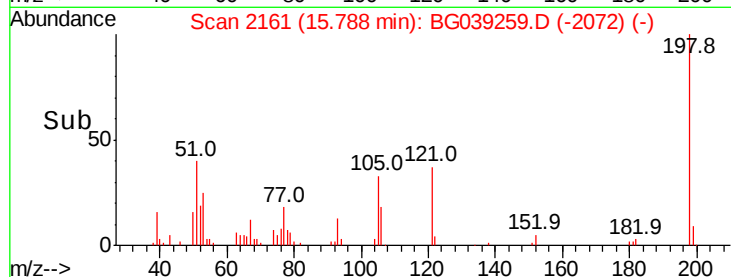


Abundance Ion 198.00 (197.70 to 198.70): E

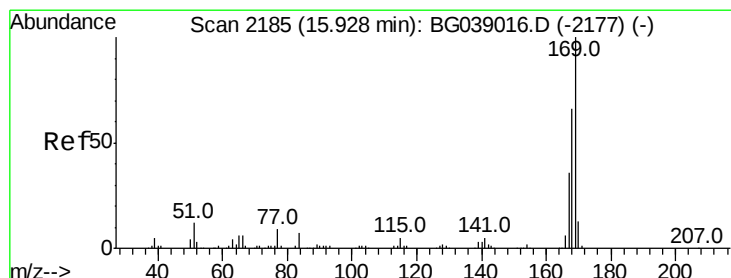
Ion 51.00 (50.70 to 51.70): BG039016.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#66

n-Nitrosodiphenylamine

Concen: 37.158 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

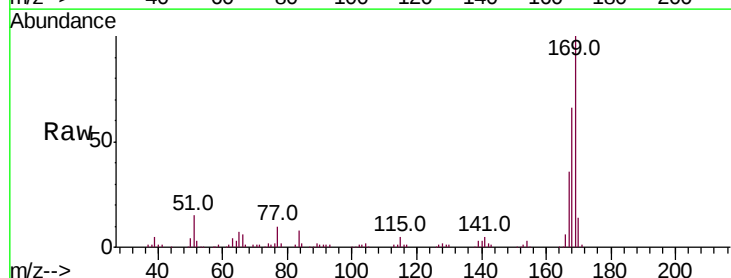
Tgt Ion:169 Resp: 143071

Ion Ratio Lower Upper

169 100

168 66.3 53.2 79.8

167 35.8 29.1 43.7

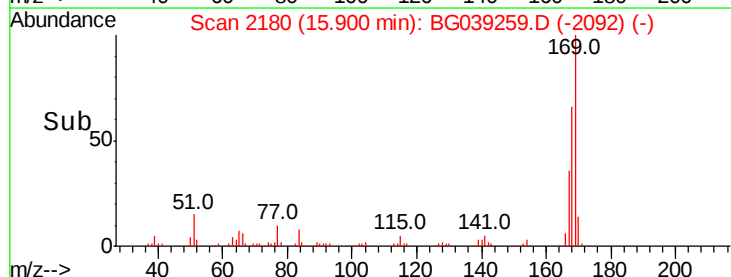


Abundance Ion 169.00 (168.70 to 169.70): E

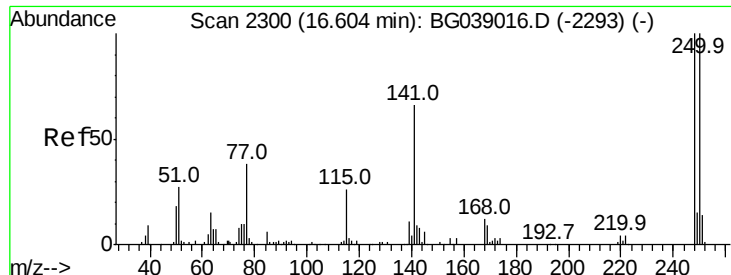
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



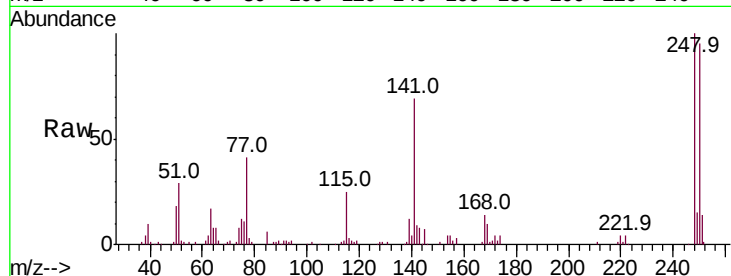
#67
 4-Bromophenyl-phenylether
 Concen: 37.189 ng
 RT: 16.58 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB116551BSD

Tot Ion:	248	Resp:	62090
Ion Ratio	Lower	Upper	
248	100		
250	94.6	79.9	119.9
141	69.1	52.7	79.1

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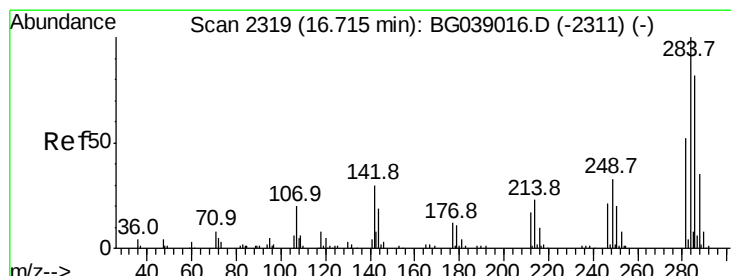
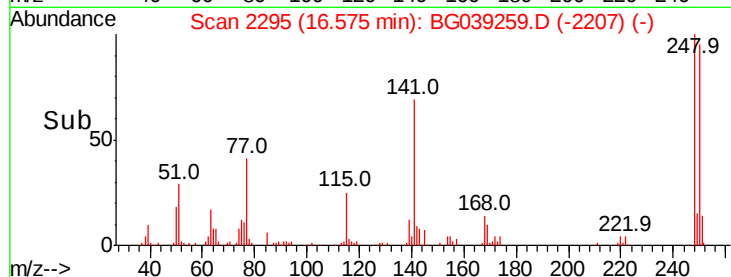
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

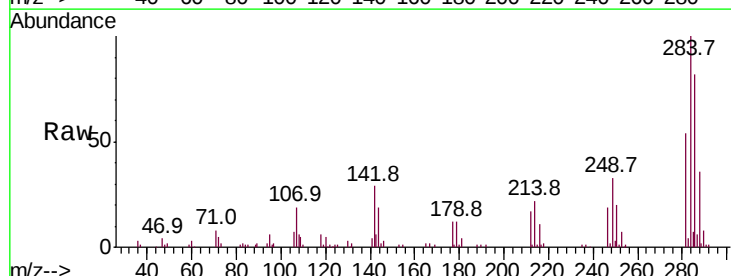
Ion 141.00 (140.70 to 141.70): E

Time-->



#68
 Hexachlorobenzene
 Concen: 36.007 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG039259.D
 Acq: 23 Jan 2019 11:58

Tgt Ion:	284	Resp:	65599
Ion Ratio	Lower	Upper	
284	100		
142	28.7	24.3	36.5
249	35.2	27.8	41.8



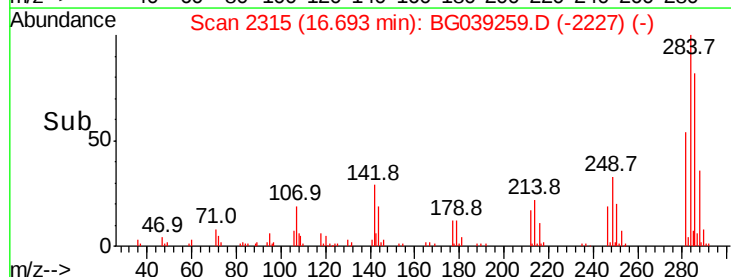
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->





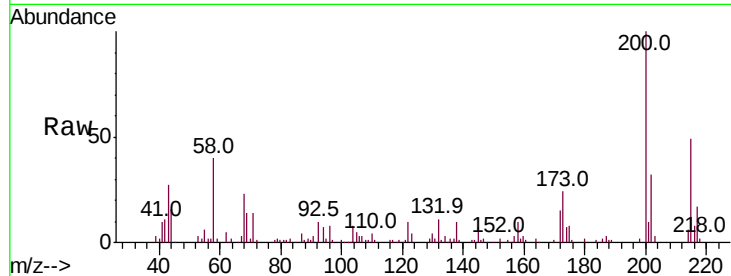
#69
Atrazine
Concen: 37.435 ng
RT: 16.85 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	61232		
173	23.8	2.6	42.6	
215	49.3	28.0	68.0	

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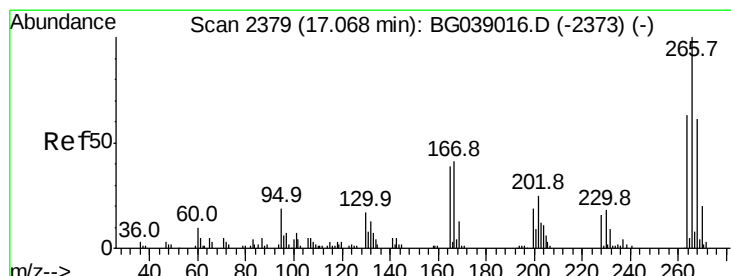
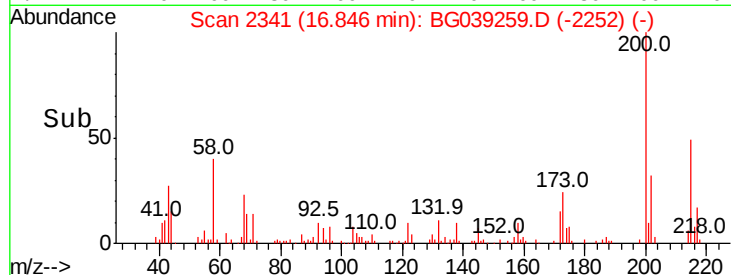
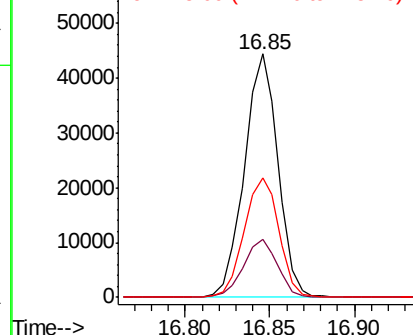


Abundance

Ion 200.00 (199.70 to 200.70): E

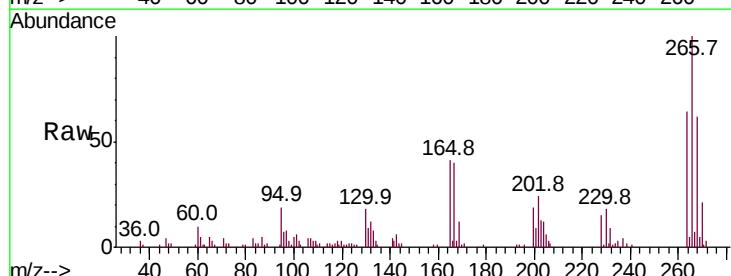
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.900 ng
RT: 17.05 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	63229		
268	67.3	52.0	78.0	
264	69.5	54.6	81.8	

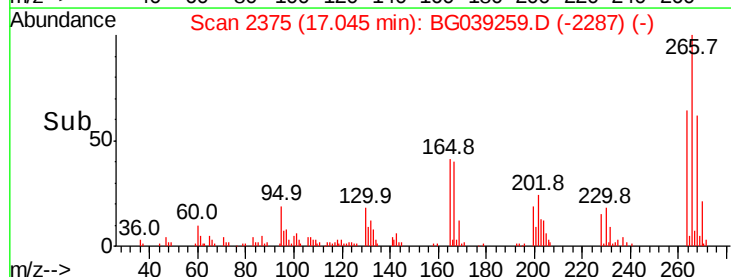
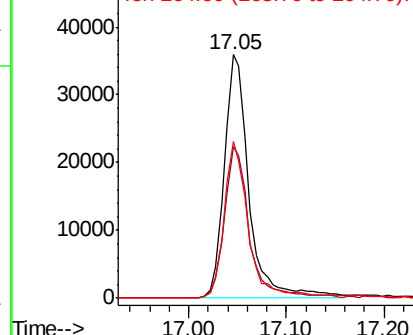


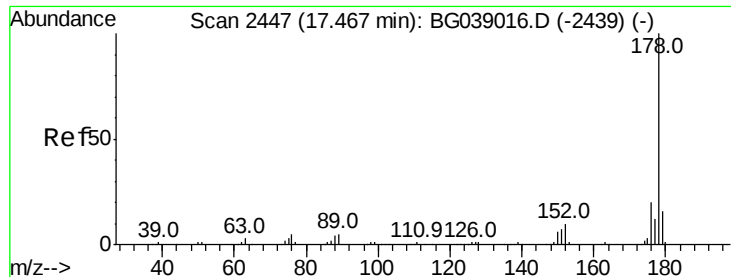
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





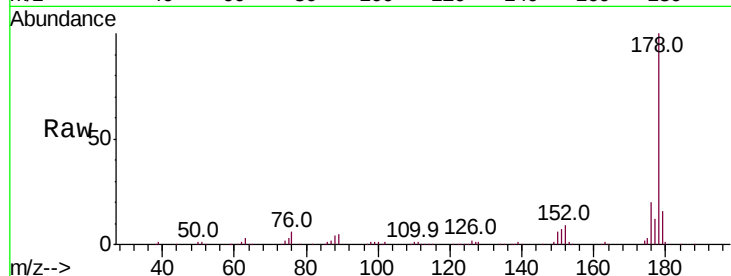
#71
Phenanthrene
Concen: 42.086 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

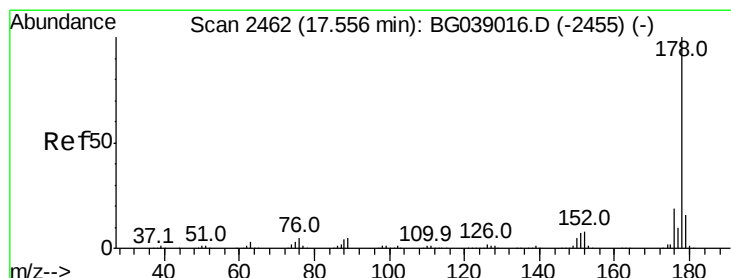
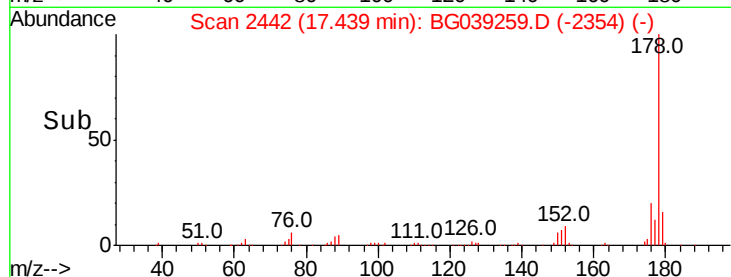
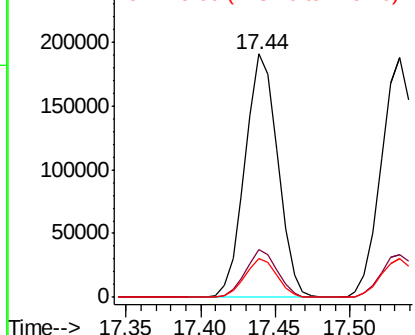
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.7	12.9	19.3

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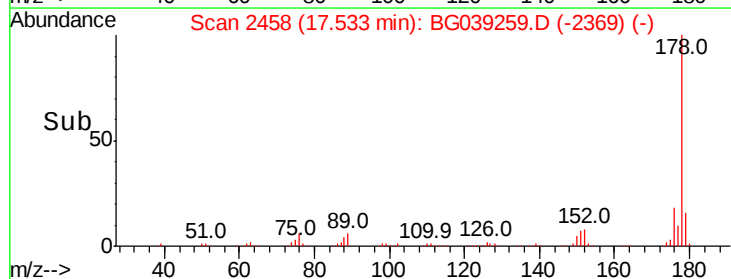
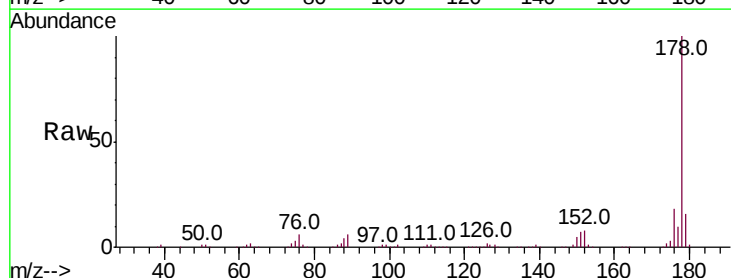
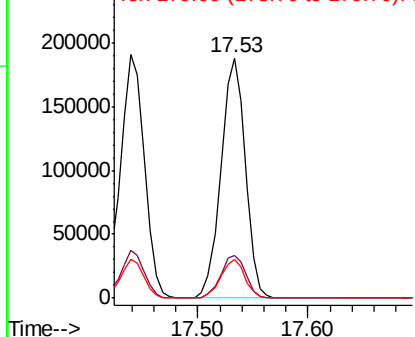
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

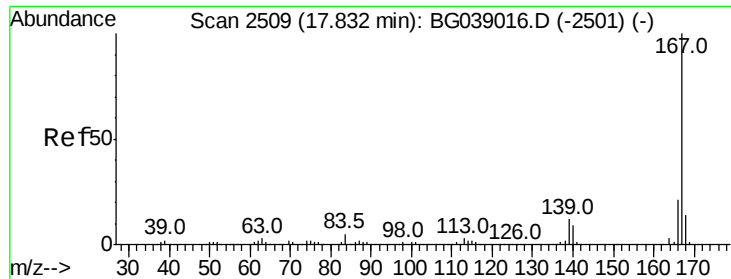


#72
Anthracene
Concen: 42.584 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.9	22.3
179	16.0	13.0	19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.703 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

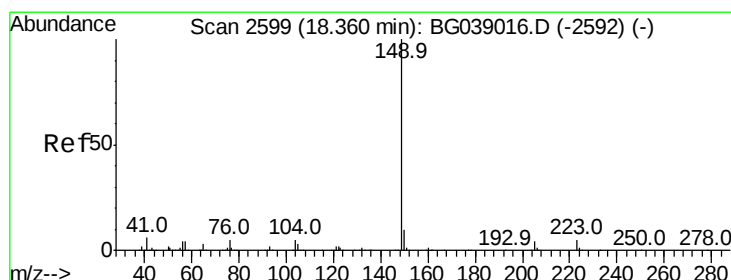
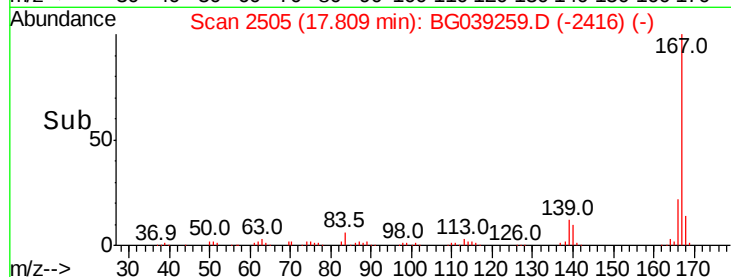
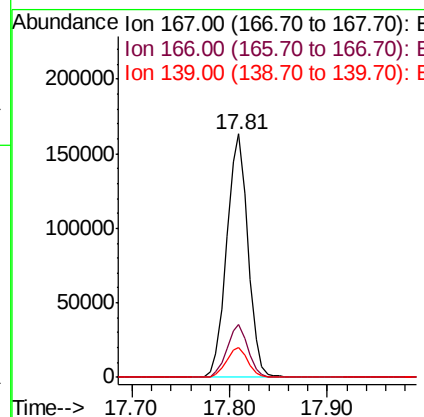
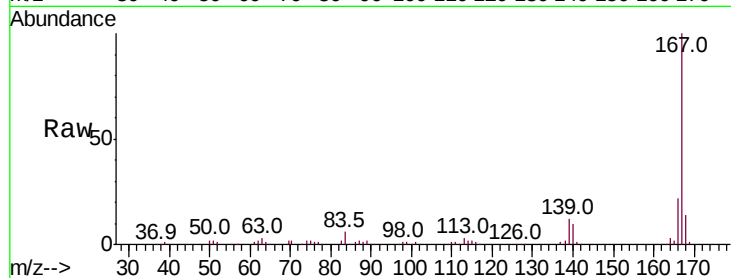
ClientSampleId :

PB116551BSD

Tot Ion:	167	Resp:	245938
Ion Ratio	Lower	Upper	
167	100		
166	21.6	16.9	25.3
139	12.2	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 41.502 ng

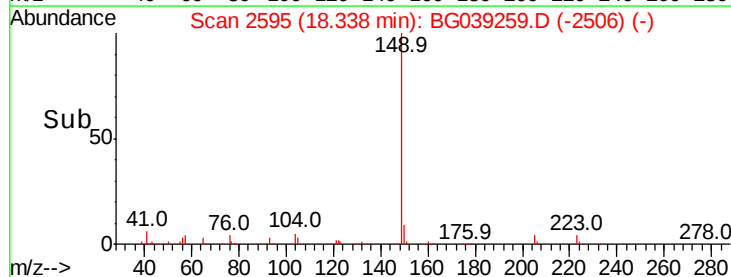
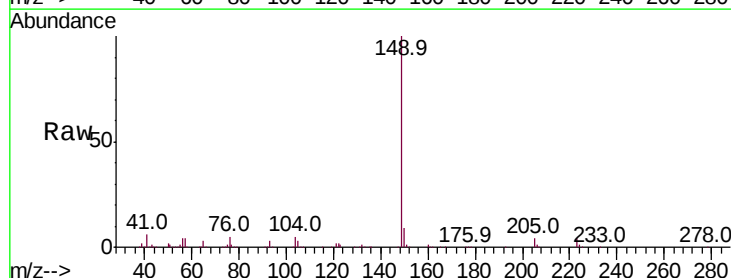
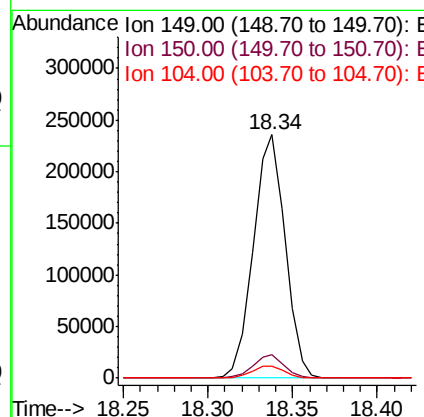
RT: 18.34 min Scan# 2595

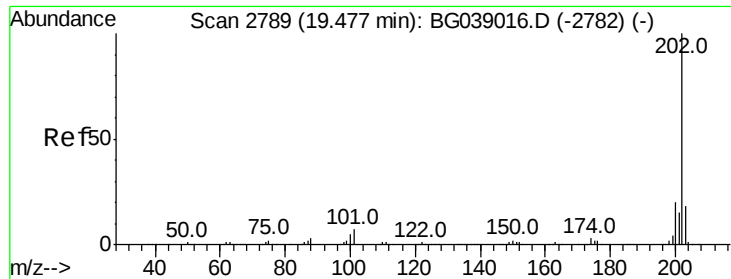
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	149	Resp:	309374
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.9	11.9
104	4.9	4.2	6.2





#75

Fluoranthene

Concen: 42.996 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

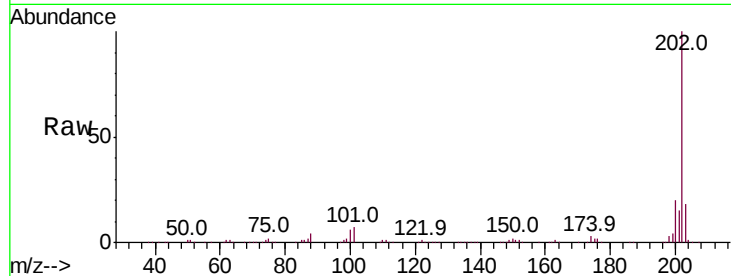
ClientSampleId :

PB116551BSD

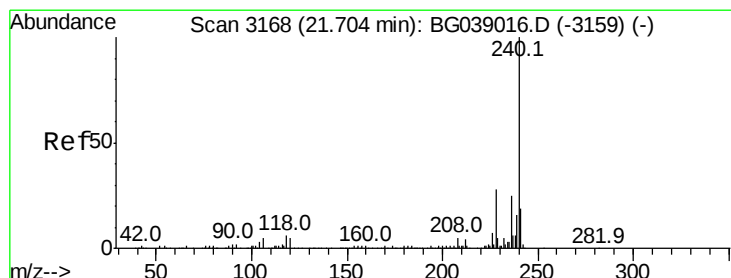
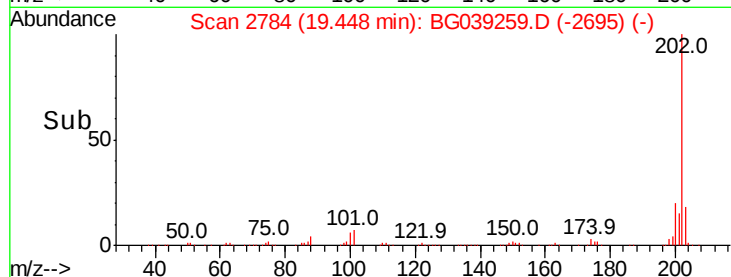
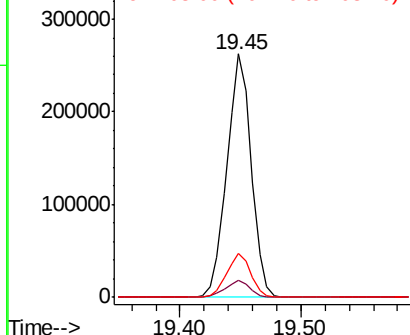
Tot Ion	Ratio	Resp	Lower	Upper
202	100	365926		
101	7.0	0.0	26.9	
203	17.9	0.0	38.1	

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



#76

Chrysene-d12

Concen: 20.000 ng

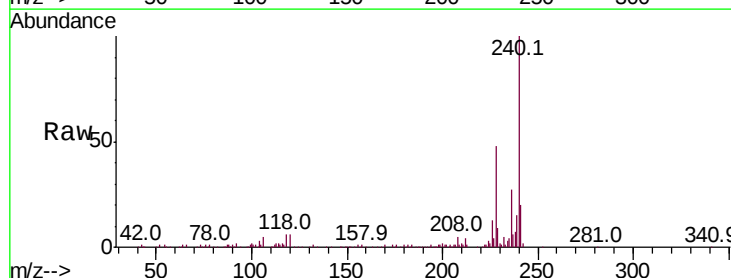
RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

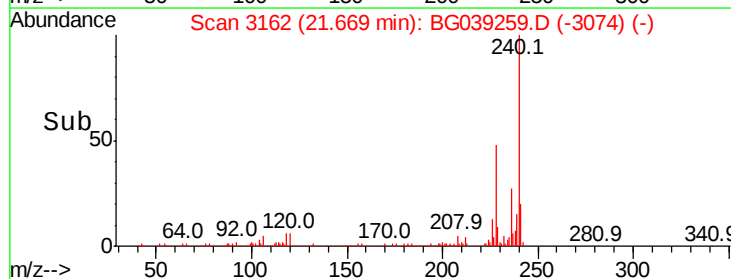
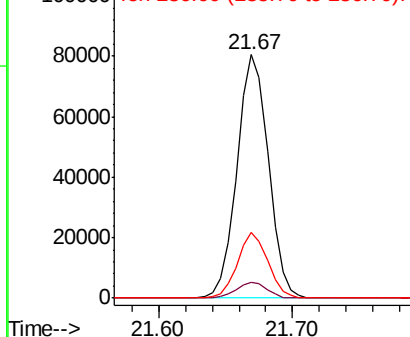
Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	130761		
120	6.4	4.3	6.5	
236	26.9	20.1	30.1	



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





#77

Benzidine

Concen: 31.352 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

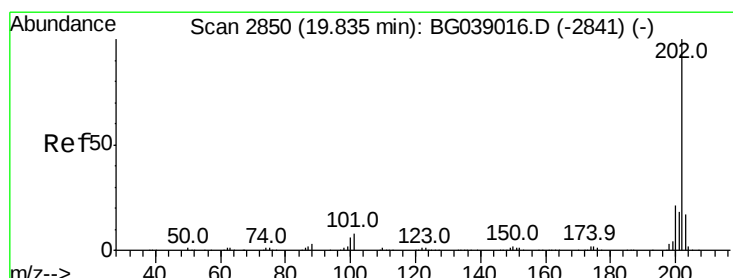
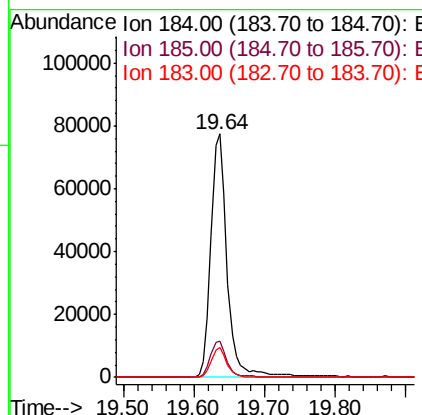
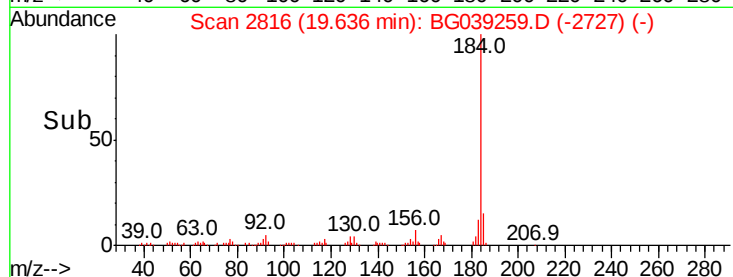
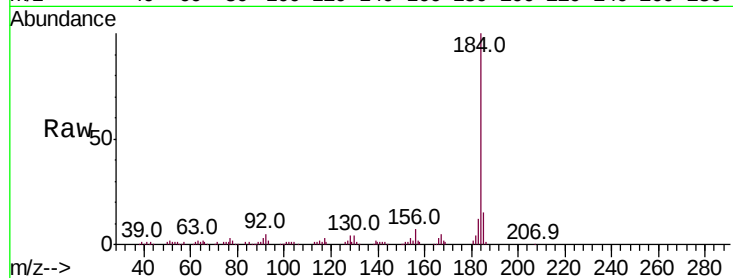
ClientSampleId :

PB116551BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.1	18.1
183	12.2	9.5	14.3

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#78

Pyrene

Concen: 43.371 ng

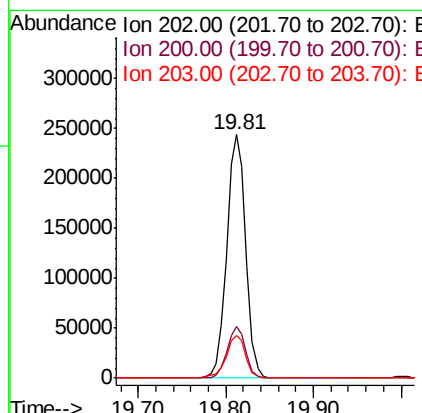
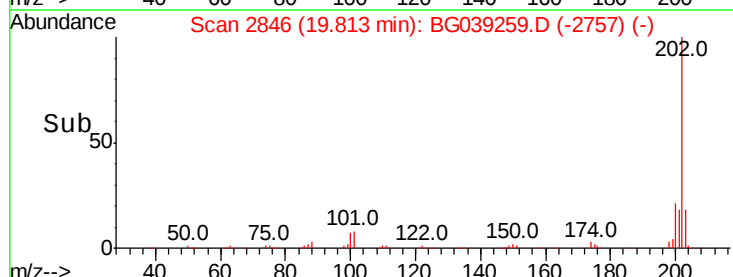
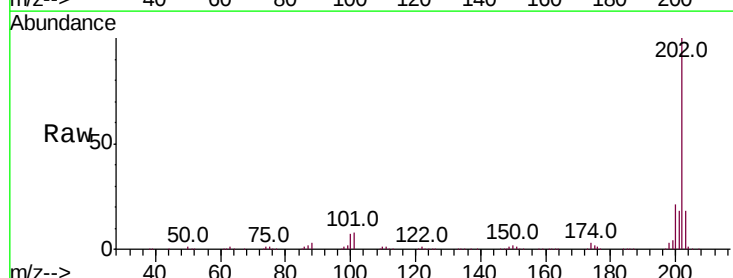
RT: 19.81 min Scan# 2846

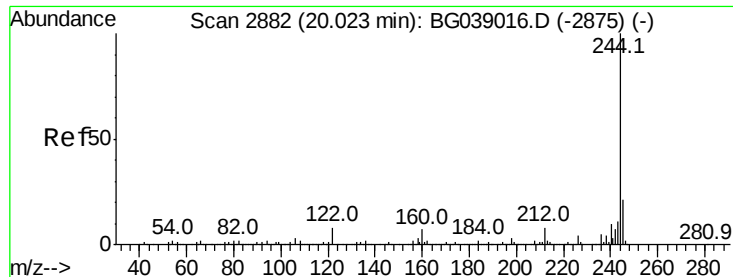
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.7	14.0	21.0





#79

Terphenyl-d14

Concen: 80.146 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

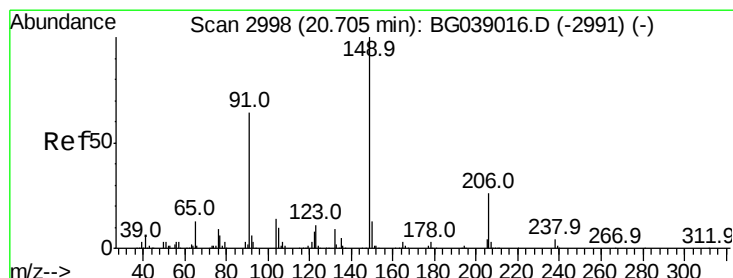
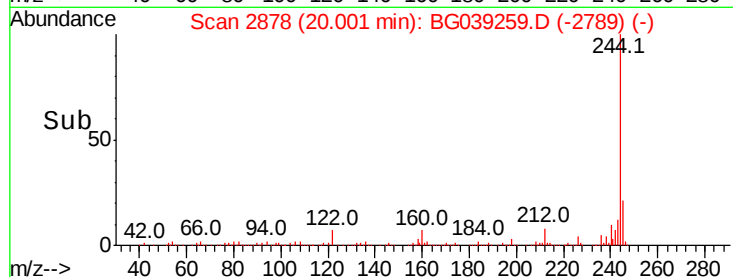
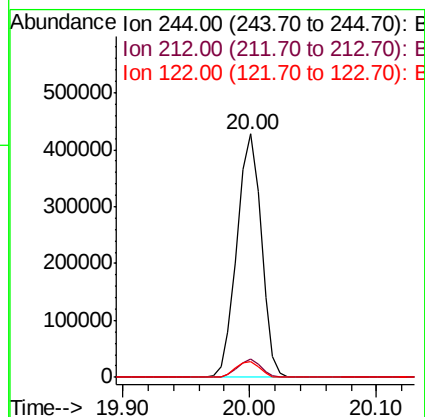
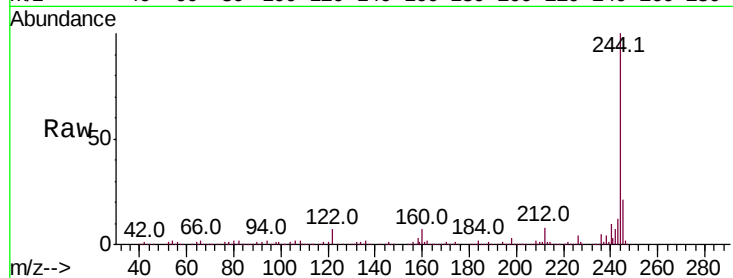
ClientSampleId :

PB116551BSD

Tot Ion:	244	Resp:	566520
Ion Ratio		Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.7	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 42.828 ng

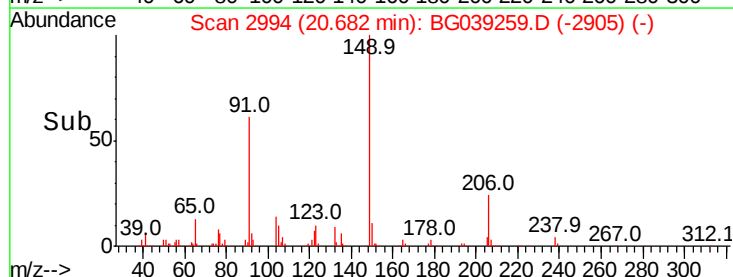
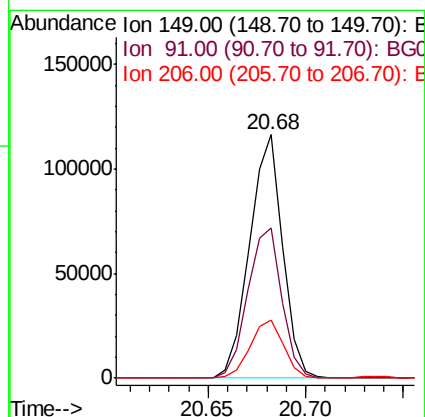
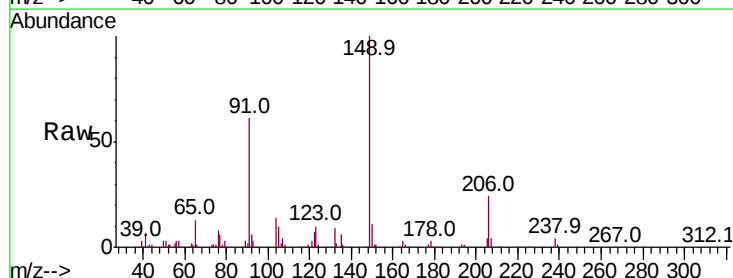
RT: 20.68 min Scan# 2994

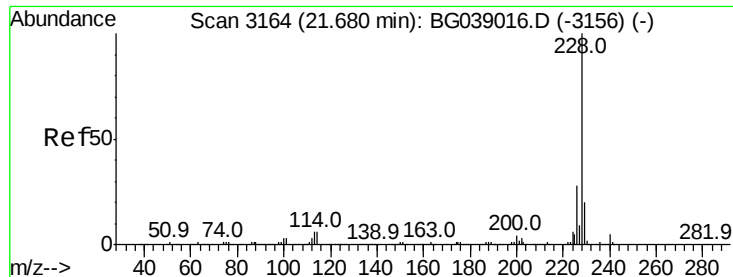
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	149	Resp:	135741
Ion Ratio		Lower	Upper
149	100		
91	61.5	51.4	77.0
206	24.0	20.4	30.6





#81

Benzo(a)anthracene

Concen: 42.647 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

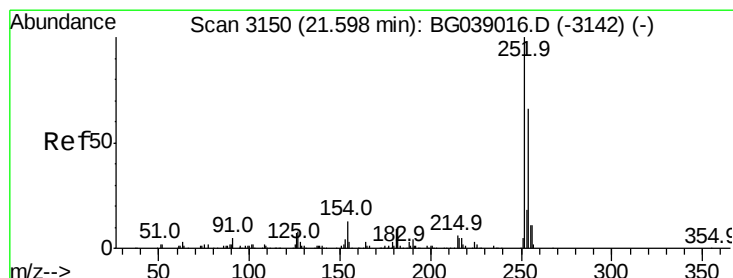
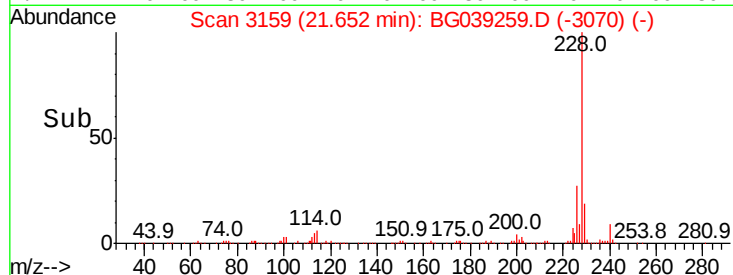
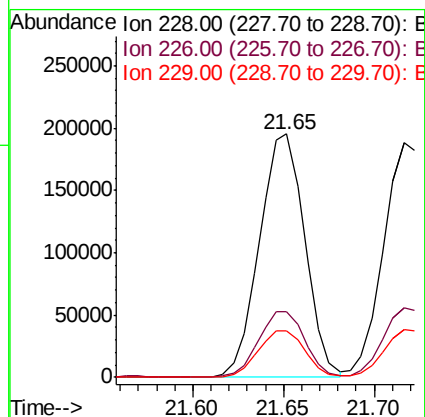
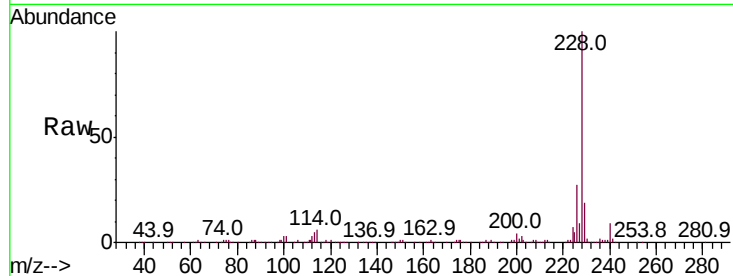
ClientSampleId :

PB116551BSD

Tot Ion:	228	Resp:	339473
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.4	33.6
229	19.3	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.293 ng

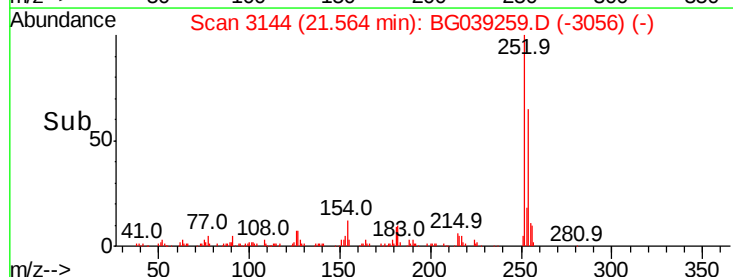
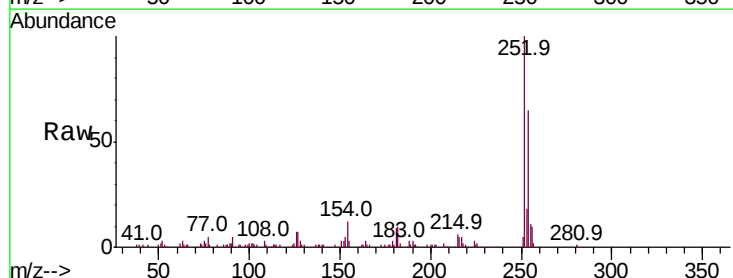
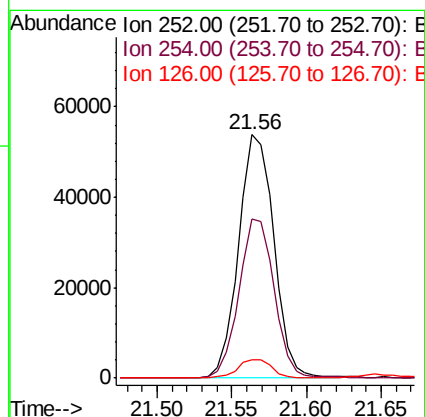
RT: 21.56 min Scan# 3144

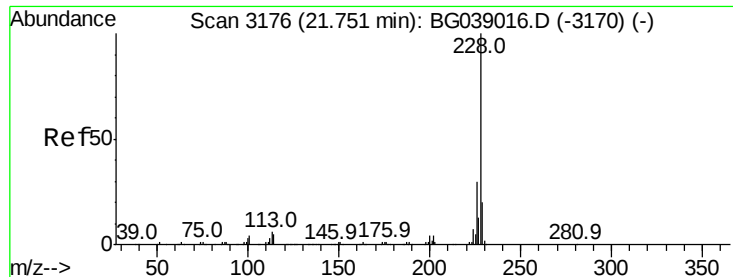
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	252	Resp:	88520
Ion Ratio	Lower	Upper	
252	100		
254	65.2	53.0	79.6
126	7.3	6.0	9.0





#83

Chrysene

Concen: 41.906 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

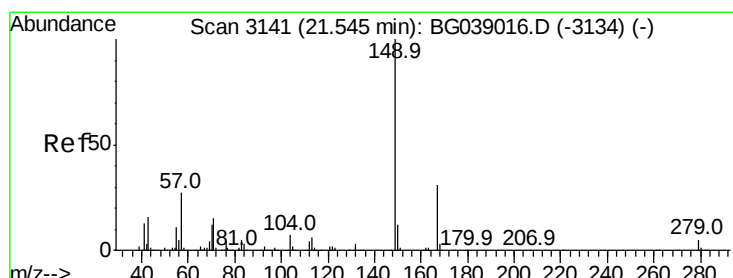
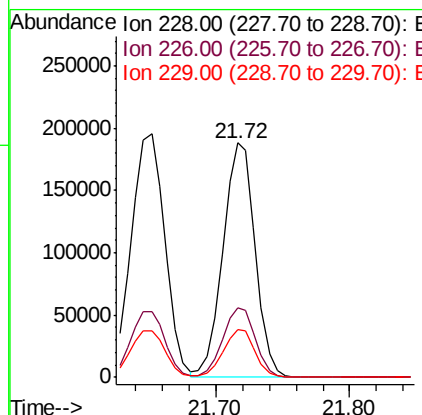
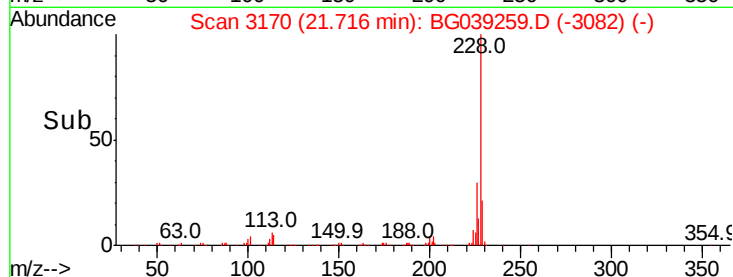
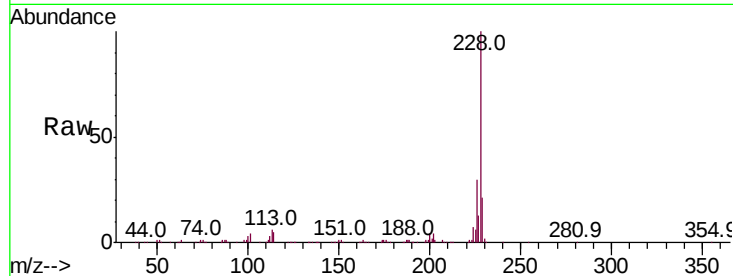
ClientSampled :

PB116551BSD

Tot Ion:	228	Resp:	317262
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.1	36.1
229	20.6	16.0	24.0

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 40.602 ng

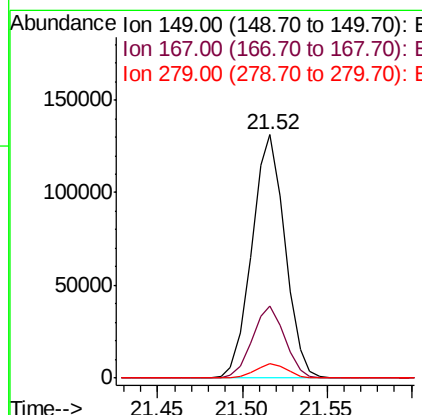
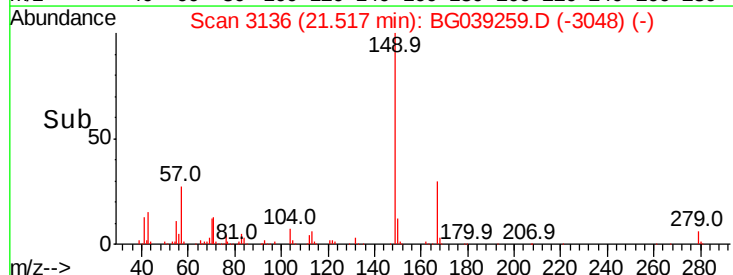
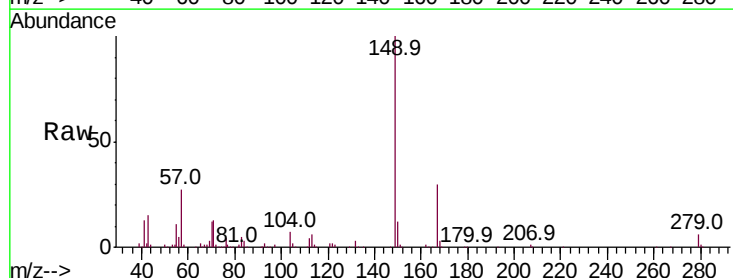
RT: 21.52 min Scan# 3136

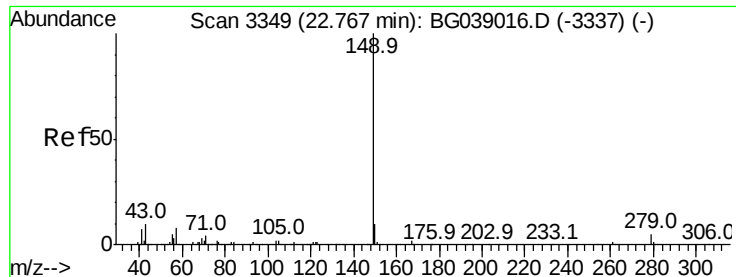
Delta R.T. -0.01 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	149	Resp:	178680
Ion Ratio	Lower	Upper	
149	100		
167	29.9	25.0	37.4
279	5.8	4.3	6.5





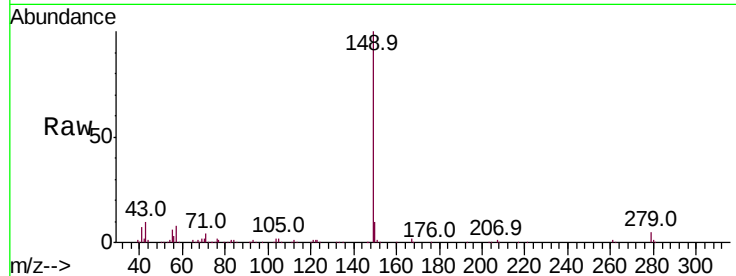
#85
Di-n-octyl phthalate
Concen: 43.913 ng
RT: 22.73 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.6	7.5	11.3

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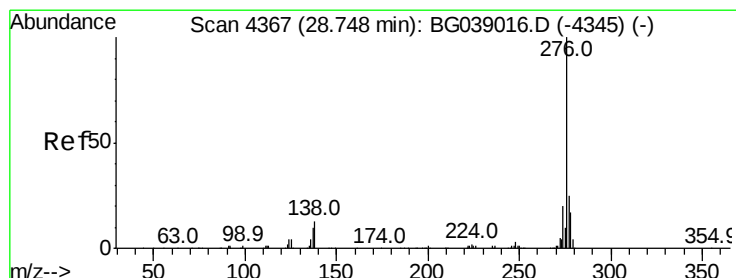
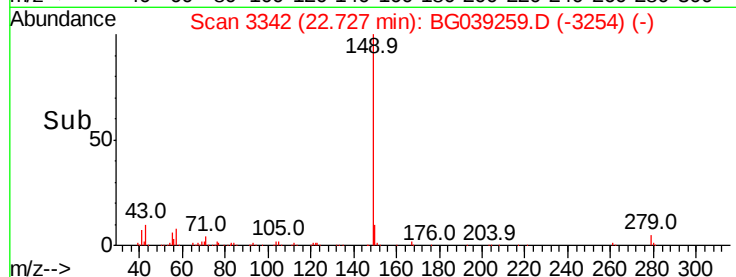
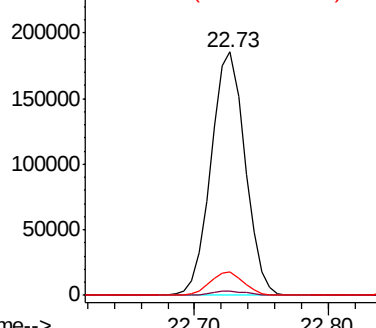


Abundance

Ion 149.00 (148.70 to 149.70): E

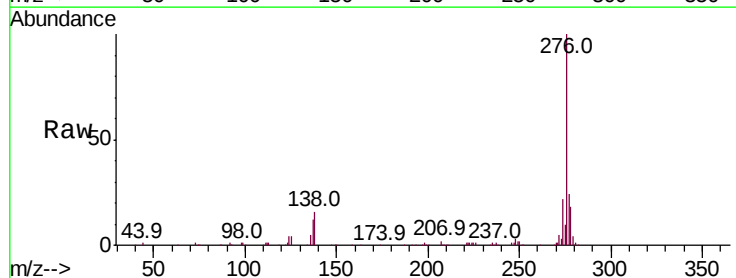
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.316 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	7.7	8.0	12.0#
277	25.7	20.3	30.5

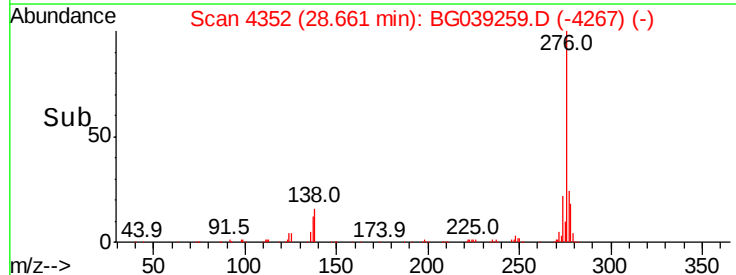
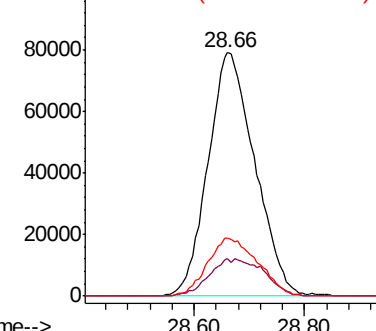


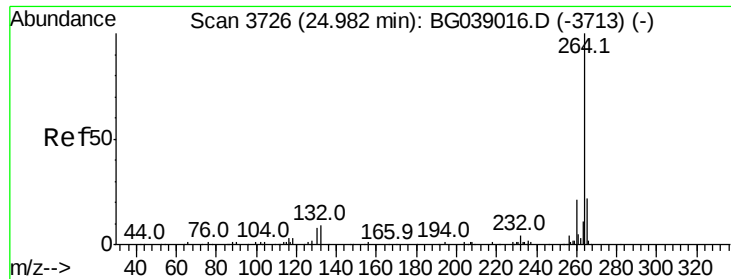
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





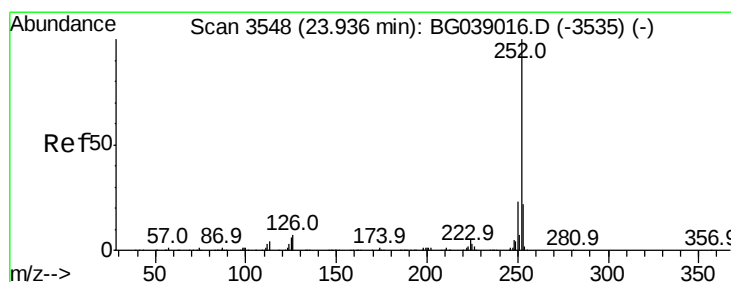
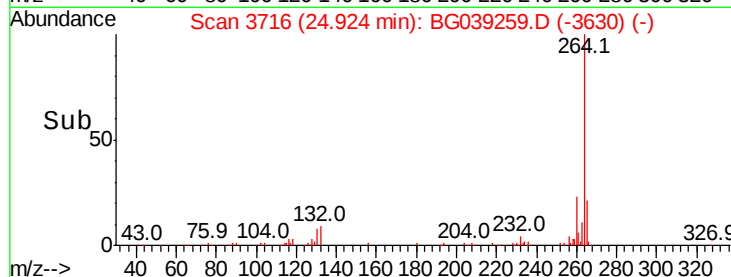
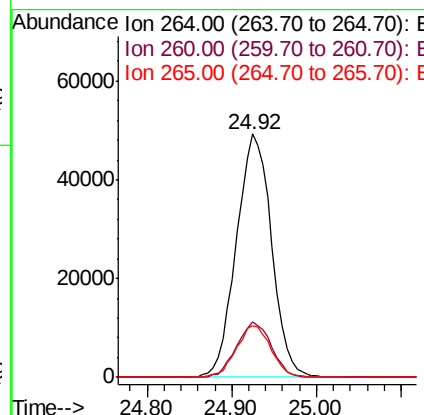
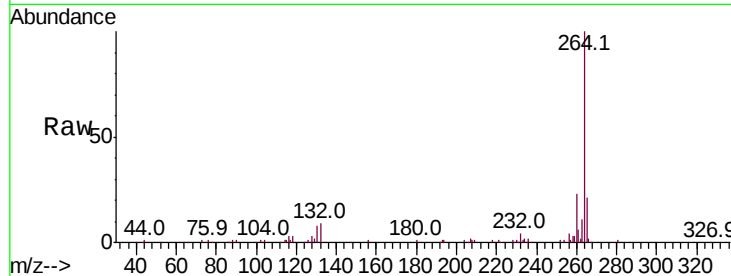
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	20.9	17.2	25.8

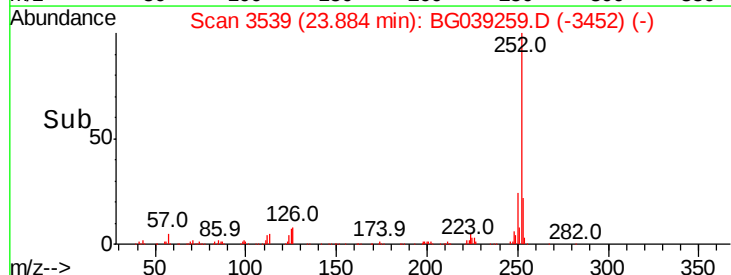
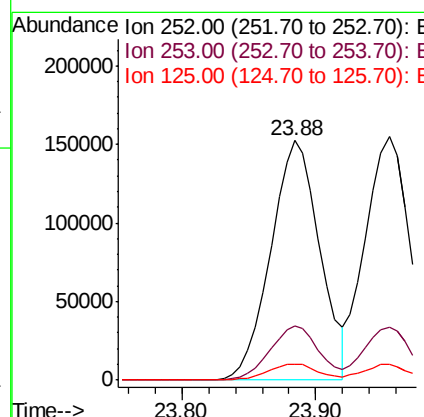
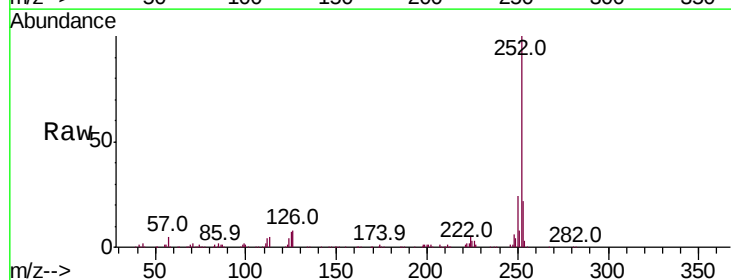
Manual Integrations
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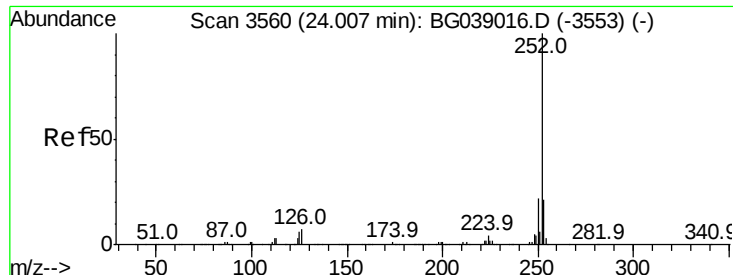
Sohil
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#88
Benzo(b)fluoranthene
Concen: 49.624 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	6.7	4.9	7.3





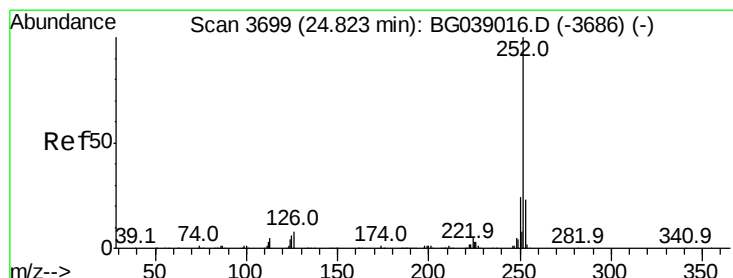
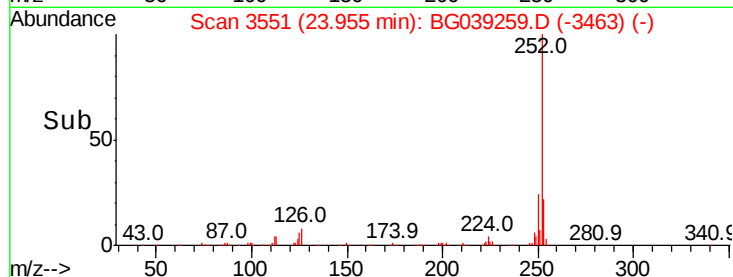
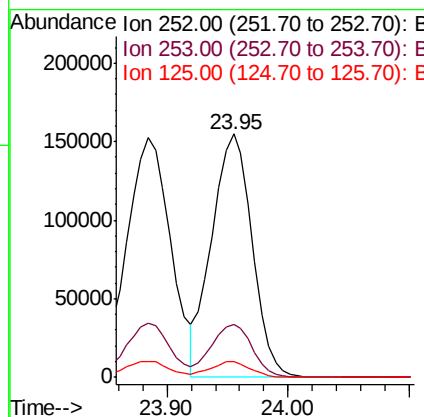
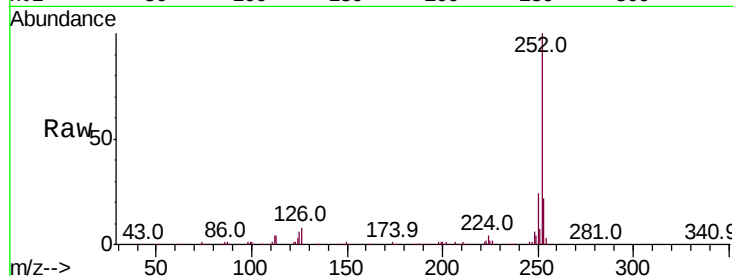
#89
Benzo(k)fluoranthene
Concen: 46.106 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Instrument :
BNA_G
ClientSampleId :
PB116551BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	6.3	4.6	7.0

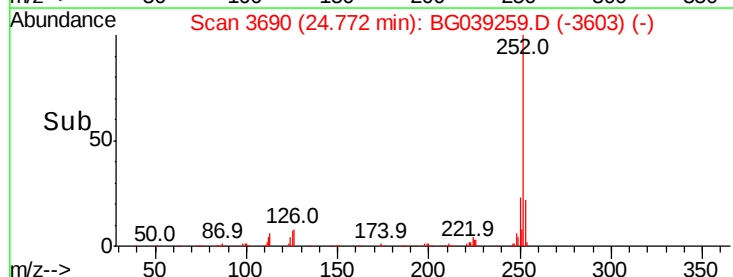
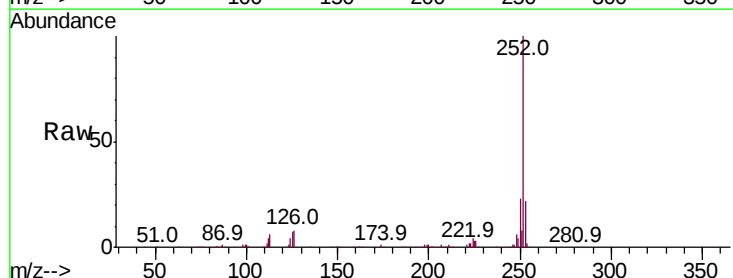
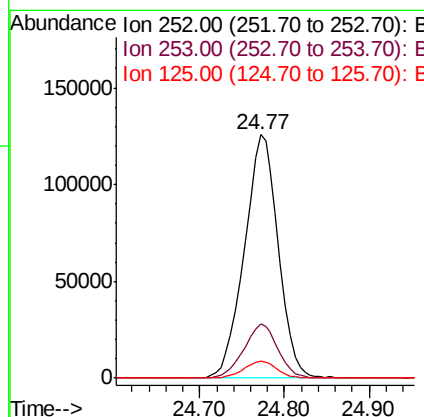
Manual Integrations
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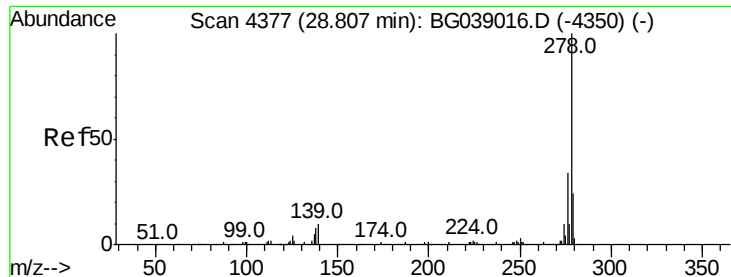
Sohil
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#90
Benzo(a)pyrene
Concen: 46.180 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG039259.D
Acq: 23 Jan 2019 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	6.8	4.9	7.3





#91

Dibenzo(a,h)anthracene

Concen: 51.009 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Instrument :

BNA_G

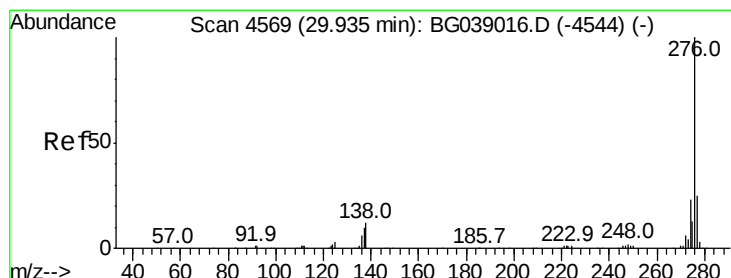
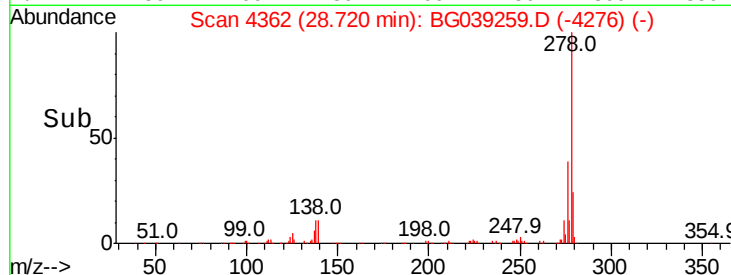
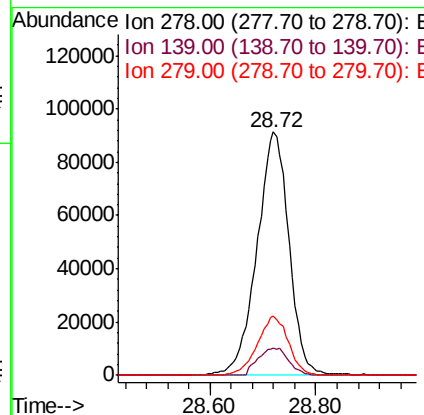
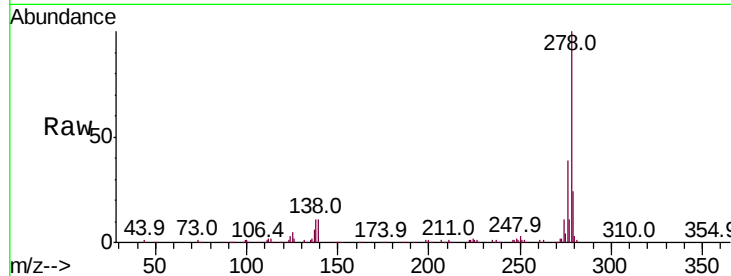
ClientSampleId :

PB116551BSD

Tot Ion:	278	Resp:	384433
Ion Ratio	Lower	Upper	
278	100		
139	11.4	7.9	11.9
279	24.4	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/24/2019 12:15:50 PM



#92

Benzo(g,h,i)perylene

Concen: 51.328 ng

RT: 29.85 min Scan# 4554

Delta R.T. -0.02 min

Lab File: BG039259.D

Acq: 23 Jan 2019 11:58

Tgt Ion:	276	Resp:	382967
Ion Ratio	Lower	Upper	
276	100		
277	22.9	20.3	30.5
138	15.3	9.4	14.2#

