

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038891.D
 Acq On : 29 Dec 2018 2:21
 Operator : JU/SJ
 Sample : PB116049BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Manual Integrations
 APPROVED

Sohil
 1/2/2019 3:30:34 PM

Quant Time: Dec 30 22:34:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	20491	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	86579	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	64022	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	170969	20.00	ng	0.00
76) Chrysene-d12	21.72	240	171803	20.00	ng	0.00
87) Perylene-d12	25.02	264	180930	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	174950	151.43	ng	0.00
7) Phenol-d6	7.22	99	246083	155.16	ng	0.01
23) Nitrobenzene-d5	9.23	82	113531	66.99	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	137567	155.91	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	321365	68.86	ng	0.00
79) Terphenyl-d14	20.04	244	660631	83.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24909	46.326	ng	97
3) Pyridine	3.89	79	45163	30.508	ng	99
4) n-Nitrosodimethylamine	3.82	42	27883	38.440	ng	95
6) Aniline	7.38	93	51430	25.402	ng	96
8) 2-Chlorophenol	7.62	128	63248	47.308	ng	97
9) Benzaldehyde	7.20	77	17087	16.608	ng	90
10) Phenol	7.25	94	80954	48.045	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	48179	35.914	ng	93
12) 1,3-Dichlorobenzene	7.94	146	61364	38.819	ng	94
13) 1,4-Dichlorobenzene	8.09	146	63680	39.333	ng	100
14) 1,2-Dichlorobenzene	8.41	146	60938	39.926	ng	99
15) Benzyl Alcohol	8.30	79	55046	44.466	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	100139	32.586	ng	96
17) 2-Methylphenol	8.50	107	55255	48.946	ng	97
18) Hexachloroethane	9.13	117	22452	37.952	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	41301	37.077	ng	96
20) 3+4-Methylphenols	8.83	107	78632	50.435	ng	98
22) Acetophenone	8.89	105	86000	39.768	ng	94
24) Nitrobenzene	9.28	77	66824	38.977	ng	98
25) Isophorone	9.79	82	120836	39.684	ng	96
26) 2-Nitrophenol	9.99	139	39503	45.018	ng	# 90
27) 2,4-Dimethylphenol	10.03	122	64089	50.962	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	71118	41.387	ng	98
29) 2,4-Dichlorophenol	10.52	162	77849	55.645	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	70457	41.693	ng	97
31) Naphthalene	10.93	128	187565	43.969	ng	97
32) Benzoic acid	10.16	122	27226m	37.031	ng	
33) 4-Chloroaniline	11.04	127	54705	29.538	ng	96
34) Hexachlorobutadiene	11.18	225	46853	40.974	ng	# 90
35) Caprolactam	11.84	113	24050	41.538	ng	92
36) 4-Chloro-3-methylphenol	12.16	107	80531	50.441	ng	94
37) 2-Methylnaphthalene	12.52	142	148508	48.798	ng	98
38) 1-Methylnaphthalene	12.74	142	143783	48.688	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	92237	38.543	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	75383	57.336	nq	94
43) 2,4,6-Trichlorophenol	13.14	196	73360	49.856	nq	95
44) 2,4,5-Trichlorophenol	13.21	196	77690	49.868	nq	95
46) 1,1'-Biphenyl	13.53	154	205103	38.215	nq	96
47) 2-Chloronaphthalene	13.58	162	166228	40.095	nq	96
48) 2-Nitroaniline	13.79	65	53932	40.841	nq	88
49) Acenaphthylene	14.42	152	274122	44.229	nq	98
50) Dimethylphthalate	14.15	163	224014	42.847	nq	99
51) 2,6-Dinitrotoluene	14.28	165	52532	44.338	nq	90
52) Acenaphthene	14.76	154	156601	42.255	nq	99
53) 3-Nitroaniline	14.62	138	43566	36.071	nq	93
54) 2,4-Dinitrophenol	14.83	184	3799	10.221	nq	93
55) Dibenzofuran	15.09	168	275806	43.415	nq	97
56) 4-Nitrophenol	14.93	139	72574	79.208	nq	94
57) 2,4-Dinitrotoluene	15.06	165	74265	44.503	nq	90
58) Fluorene	15.74	166	220532	46.855	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70419	50.240	nq	96
60) Diethylphthalate	15.50	149	238311	41.521	nq	97
61) 4-Chlorophenyl-phenylether	15.73	204	128048	43.604	nq	95
62) 4-Nitroaniline	15.78	138	54270	43.646	nq	97
63) Azobenzene	16.02	77	191013	39.838	nq	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	9178	7.525	nq	90
66) n-Nitrosodiphenylamine	15.94	169	210889	41.981	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	88389	42.331	nq	97
68) Hexachlorobenzene	16.74	284	90112	41.632	nq	97
69) Atrazine	16.89	200	86160	46.217	nq	94
70) Pentachlorophenol	17.09	266	37405	29.217	nq	97
71) Phenanthrene	17.48	178	390496	44.045	nq	99
72) Anthracene	17.58	178	396577	45.310	nq	99
73) Carbazole	17.85	167	343782	39.716	nq	99
74) Di-n-butylphthalate	18.38	149	401562	40.430	nq	99
75) Fluoranthene	19.49	202	474939	43.296	nq	97
77) Benzidine	19.67	184	167377	32.942	nq	98
78) Pyrene	19.86	202	482893	42.546	nq	99
80) Butylbenzylphthalate	20.72	149	181493	40.930	nq	97
81) Benzo(a)anthracene	21.70	228	470577	44.950	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	138518	33.362	nq	97
83) Chrysene	21.77	228	432803	42.922	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	255859	40.684	nq	97
85) Di-n-octyl phthalate	22.79	149	436637	41.457	nq	96
86) Indeno(1,2,3-cd)pyrene	28.82	276	551888	46.554	nq	# 84
88) Benzo(b)fluoranthene	23.96	252	475273	47.844	nq	99
89) Benzo(k)fluoranthene	24.03	252	461745	46.679	nq	97
90) Benzo(a)pyrene	24.86	252	459473	47.944	nq	99
91) Dibenzo(a,h)anthracene	28.87	278	454315	47.612	nq	98
92) Benzo(g,h,i)perylene	30.00	276	448968	47.744	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleID :

PB116049BS

Tot Ion:152 Resp: 20491

Ion Ratio Lower Upper

152 100

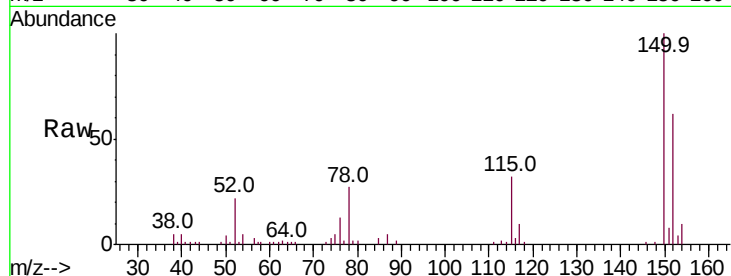
150 161.6 119.5 179.3

115 51.0 49.6 74.4

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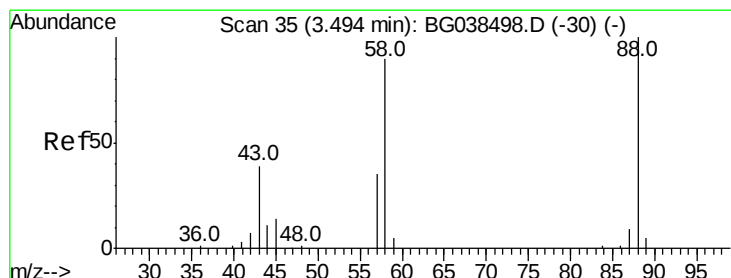
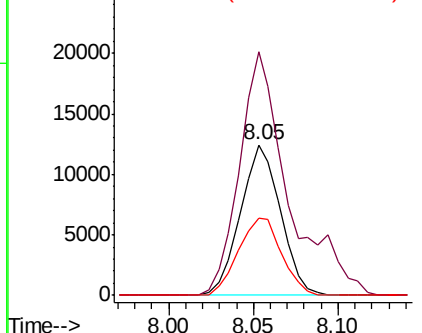
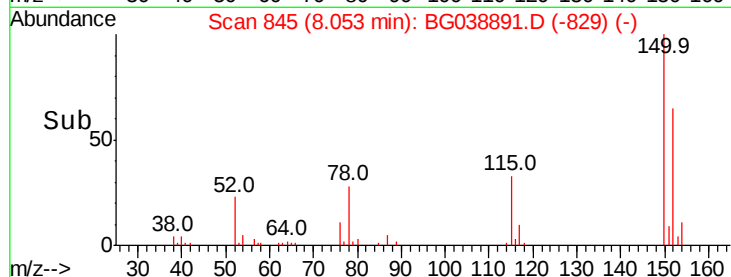
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.326 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

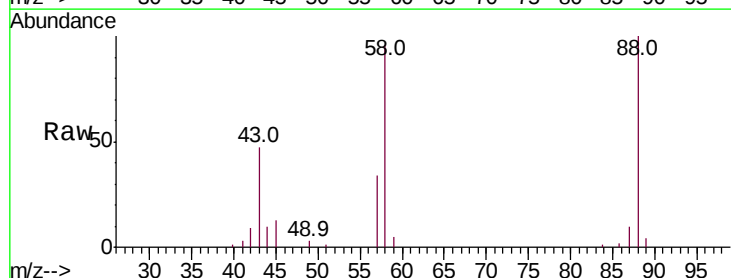
Tgt Ion: 88 Resp: 24909

Ion Ratio Lower Upper

88 100

58 92.1 75.7 113.5

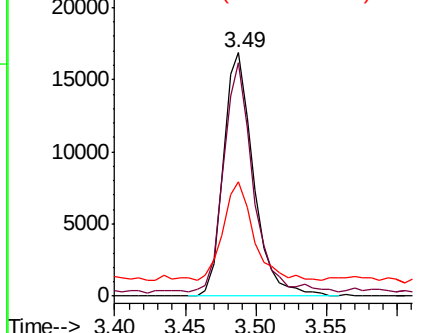
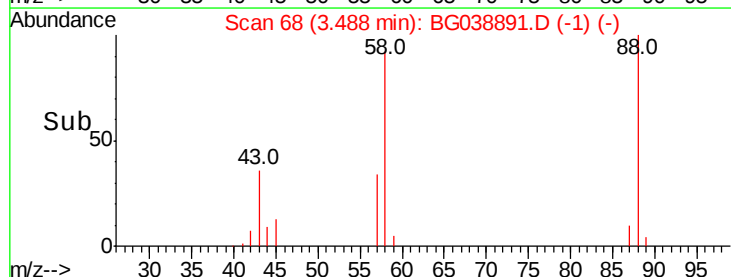
43 41.5 31.6 47.4

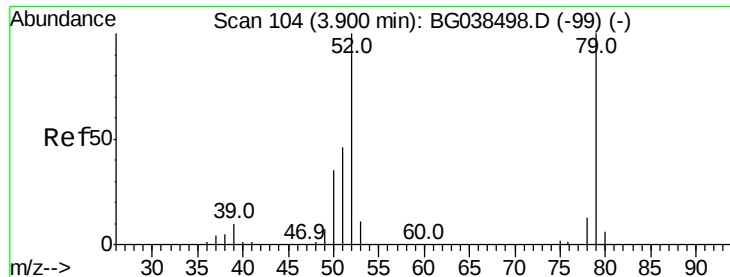


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





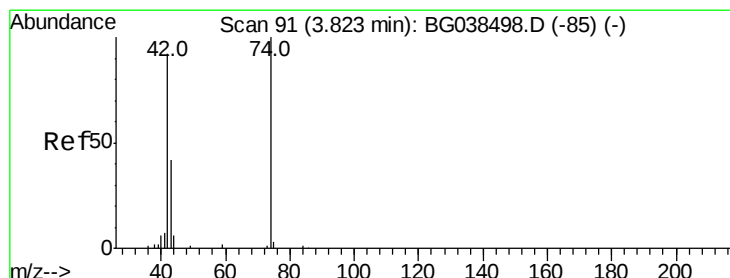
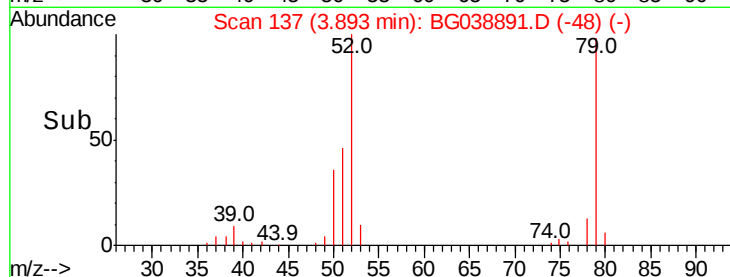
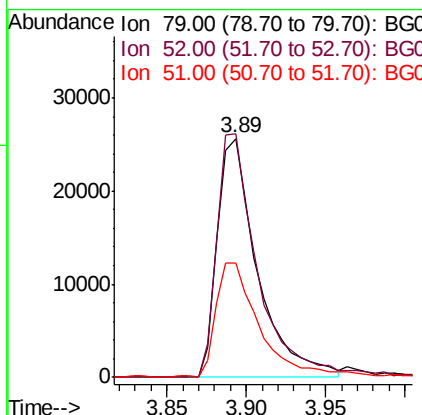
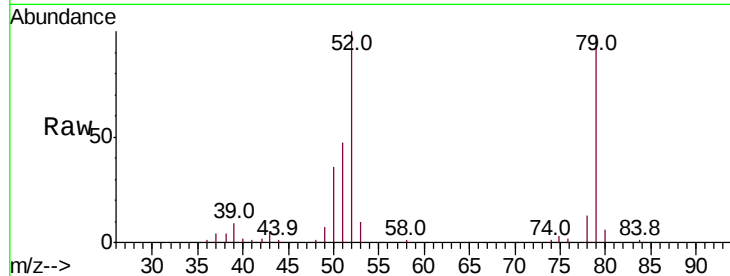
#3
 Pvridine
 Concen: 30.508 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	102.1	80.2	120.2
51	47.9	38.0	57.0

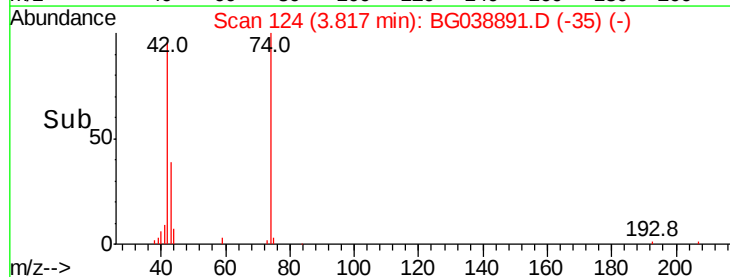
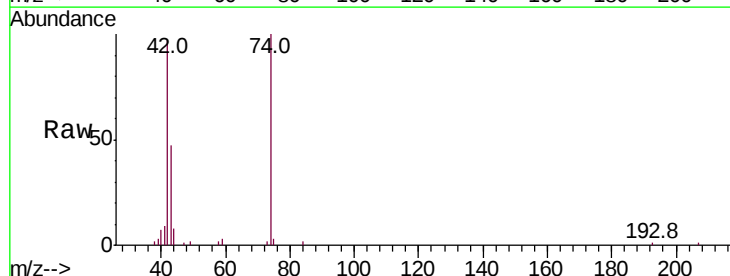
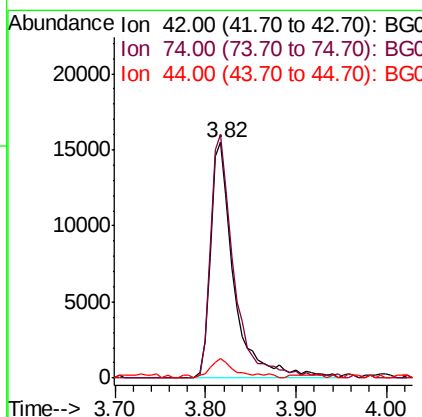
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#4
 n-Nitrosodimethylamine
 Concen: 38.440 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.3	86.7	130.1
44	8.4	7.8	11.8





#5

2-Fluorophenol

Concen: 151.433 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

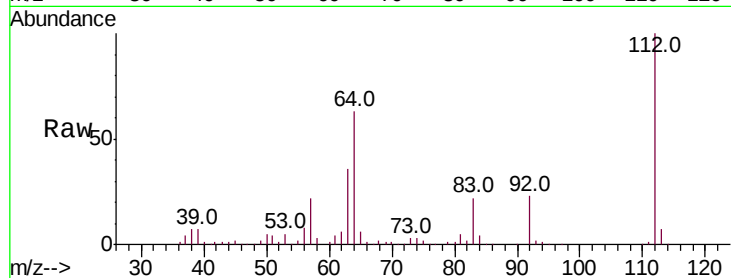
ClientSampled :

PB116049BS

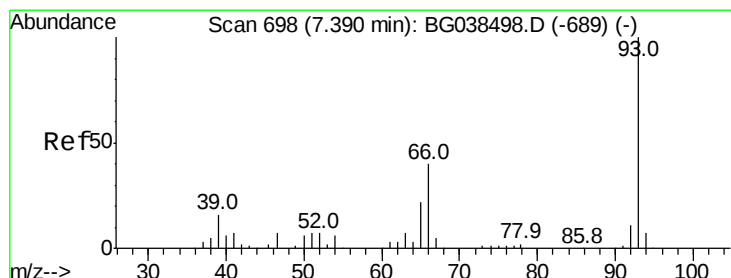
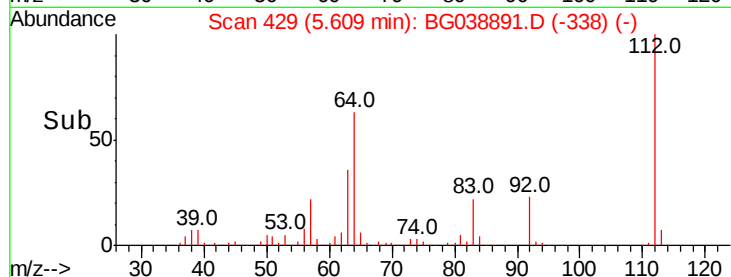
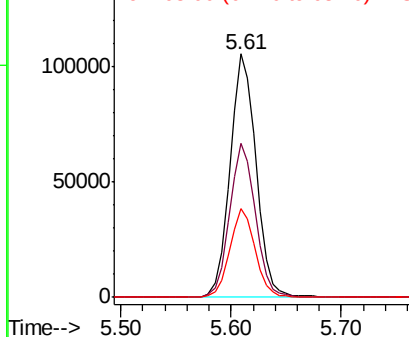
Tot Ion:	112	Resp:	174950
Ion Ratio	Lower	Upper	
112	100		
64	63.2	53.4	80.2
63	36.3	29.3	43.9

Manual Integrations
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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: 25.402 ng

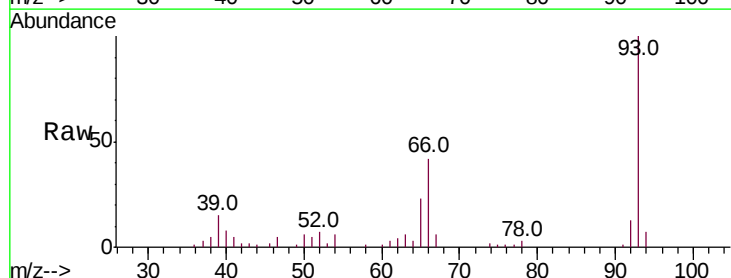
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

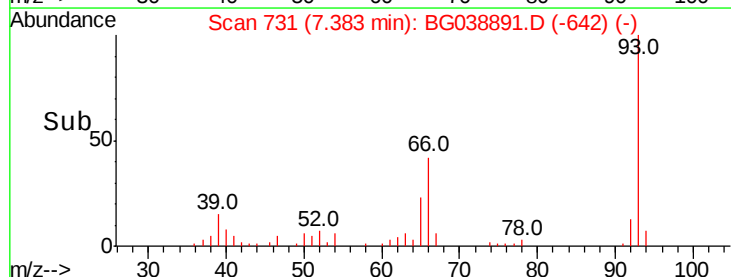
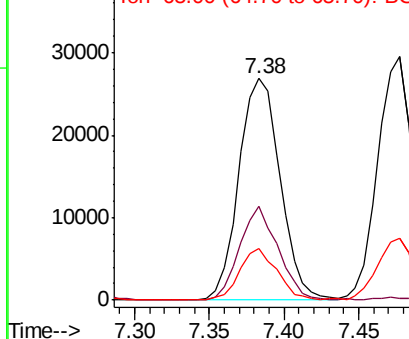
Lab File: BG038891.D

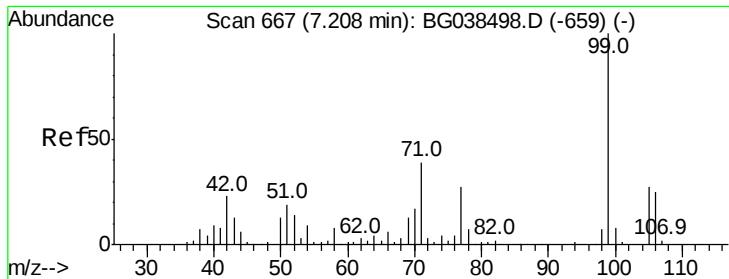
Acq: 29 Dec 2018 2:21

Tgt Ion:	93	Resp:	51430
Ion Ratio	Lower	Upper	
93	100		
66	42.2	31.7	47.5
65	23.4	17.8	26.6



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: 155.159 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

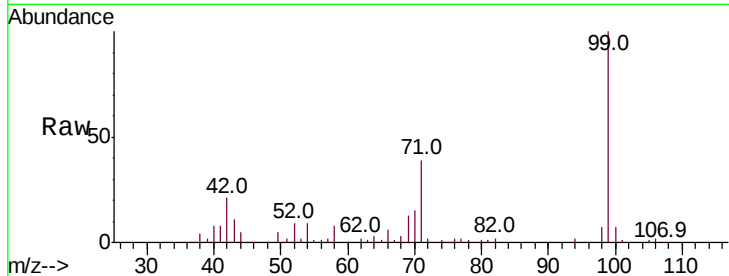
ClientSampleId :

PB116049BS

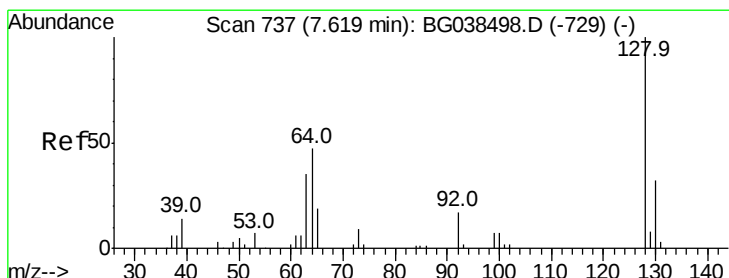
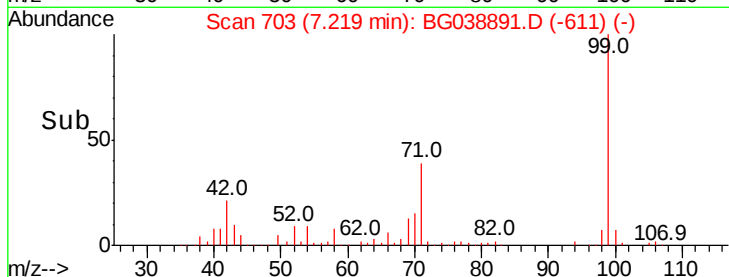
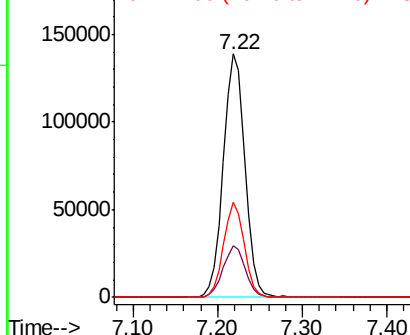
Tot Ion:	99	Resp:	246083
Ion Ratio	Lower	Upper	
99	100		
42	21.2	18.5	27.7
71	38.8	31.1	46.7

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.308 ng

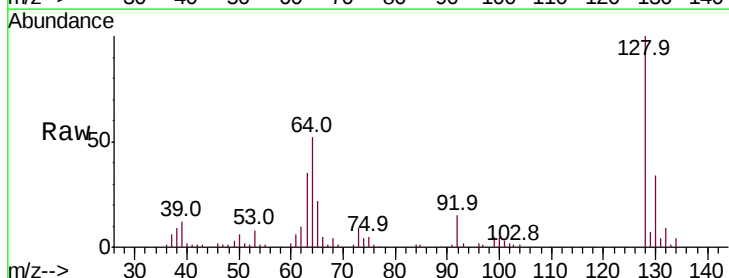
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

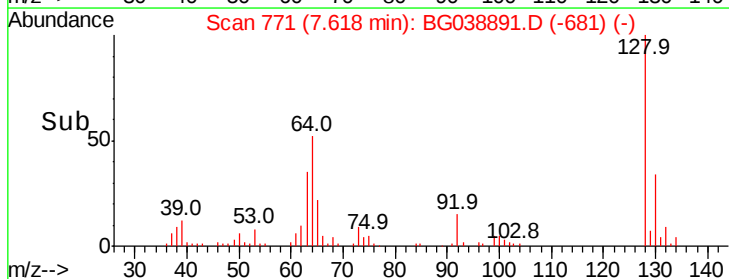
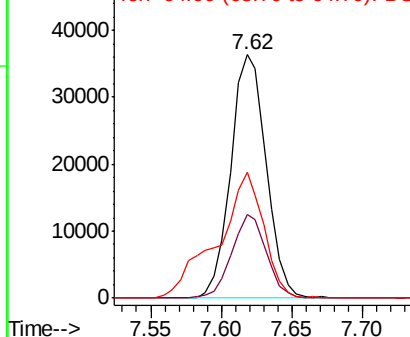
Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:	128	Resp:	63248
Ion Ratio	Lower	Upper	
128	100		
130	34.5	11.8	51.8
64	51.7	33.2	73.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 16.608 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

PB116049BS

Tot Ion: 77 Resp: 17087

Ion Ratio Lower Upper

77 100

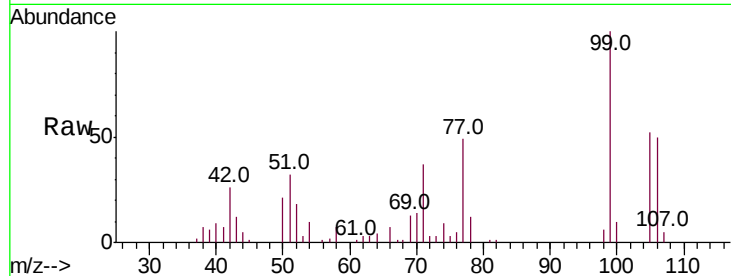
105 105.0 74.0 114.0

106 102.1 73.9 113.9

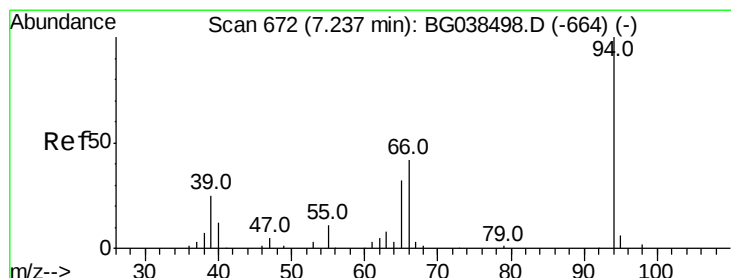
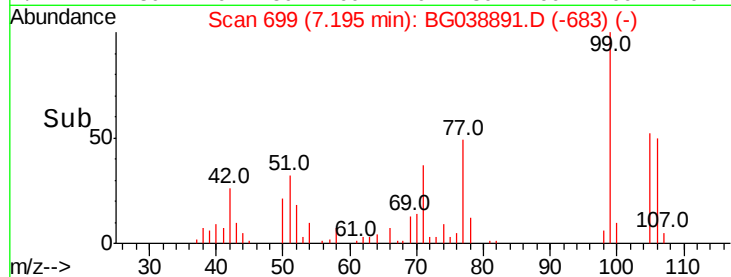
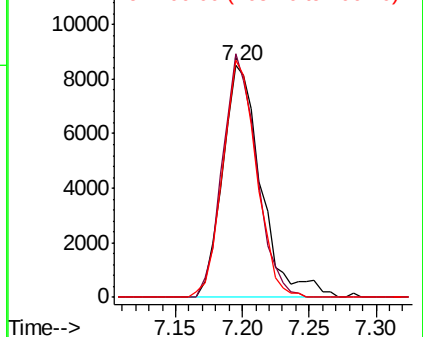
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.045 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

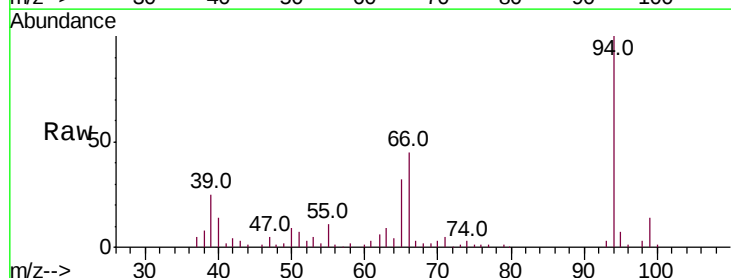
Tgt Ion: 94 Resp: 80954

Ion Ratio Lower Upper

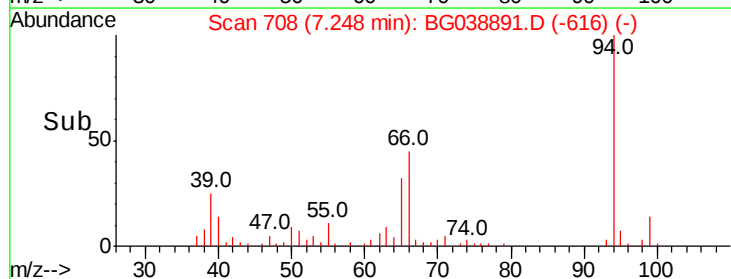
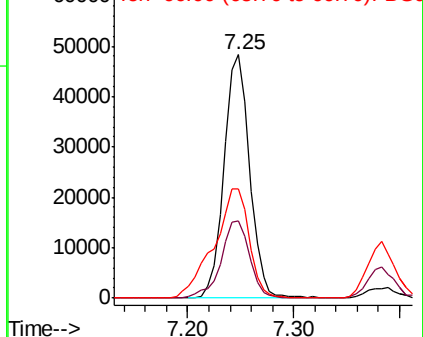
94 100

65 32.0 12.6 52.6

66 44.9 24.1 64.1



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: 35.914 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

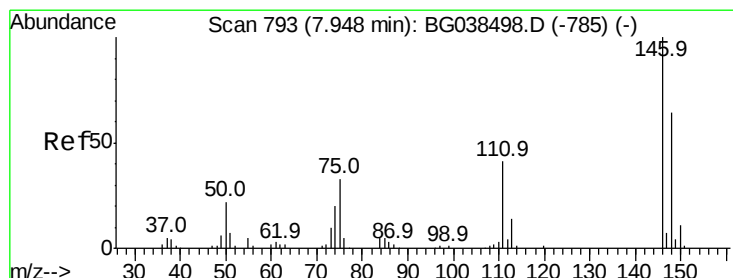
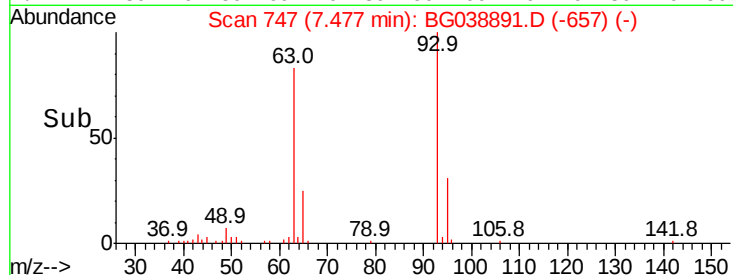
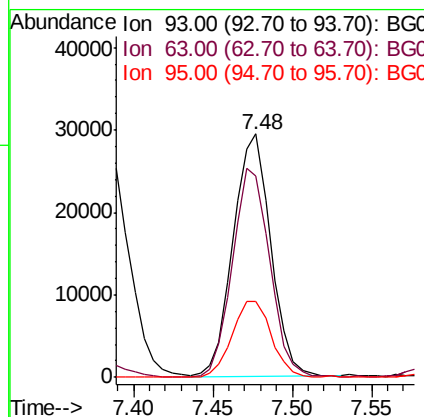
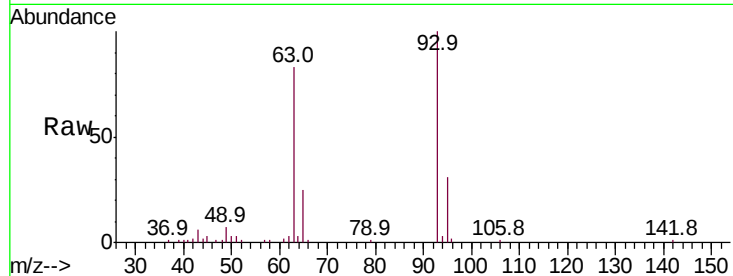
ClientSampleId :

PB116049BS

Tot Ion:	93	Resp:	48179
Ion	Ratio	Lower	Upper
93	100		
63	82.9	72.2	112.2
95	31.3	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 38.819 ng

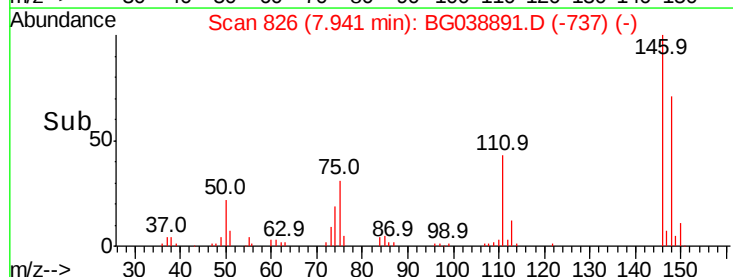
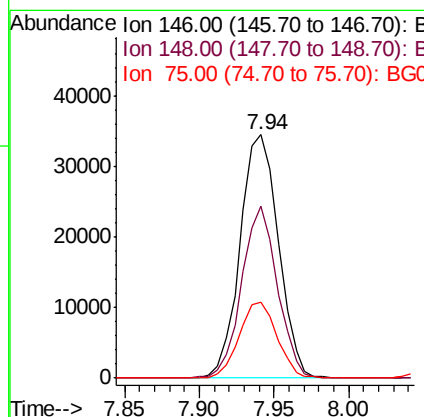
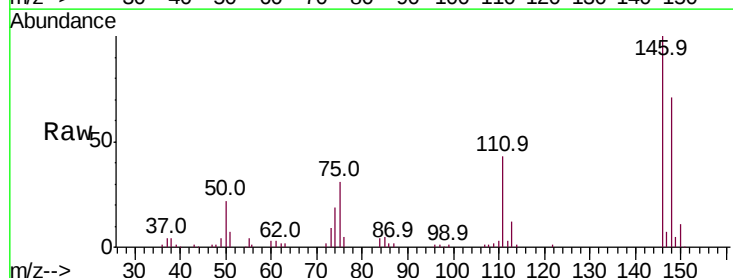
RT: 7.94 min Scan# 826

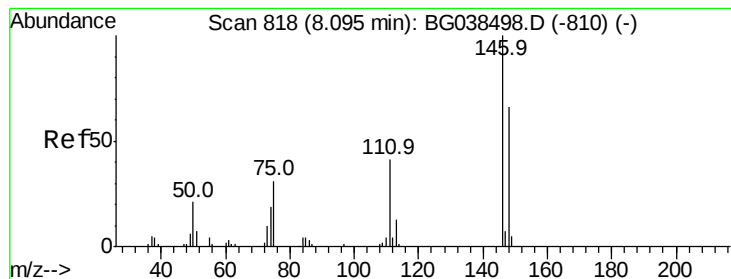
Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:	146	Resp:	61364
Ion	Ratio	Lower	Upper
146	100		
148	70.7	51.4	77.0
75	31.3	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 39.333 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

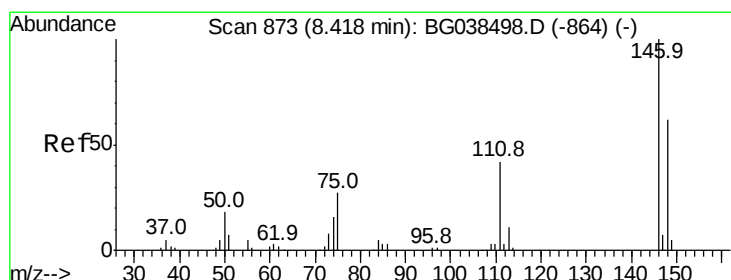
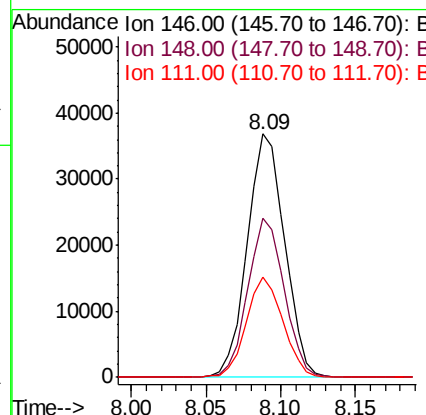
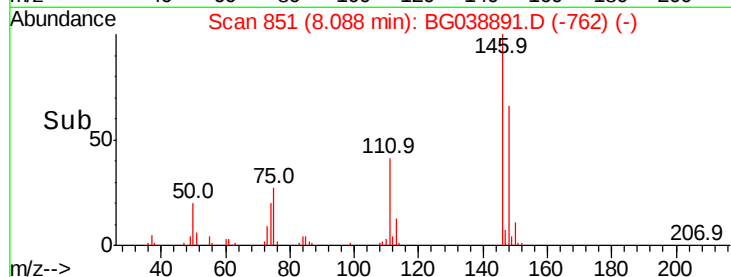
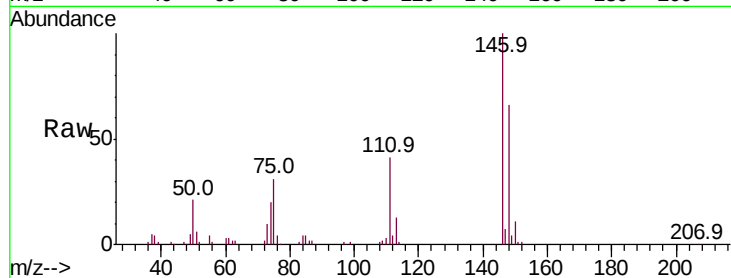
ClientSampleID :

PB116049BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.4	78.6
111	41.1	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 39.926 ng

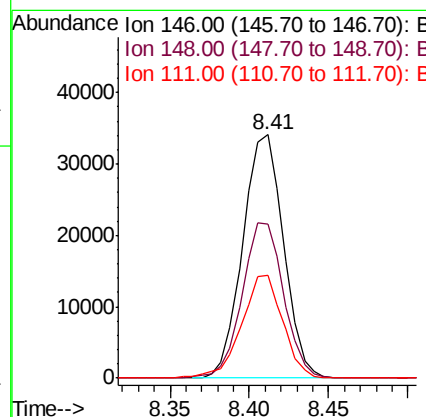
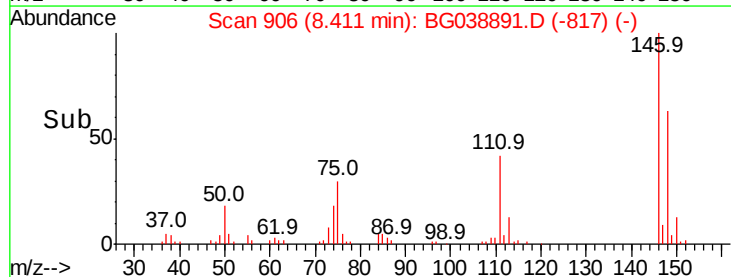
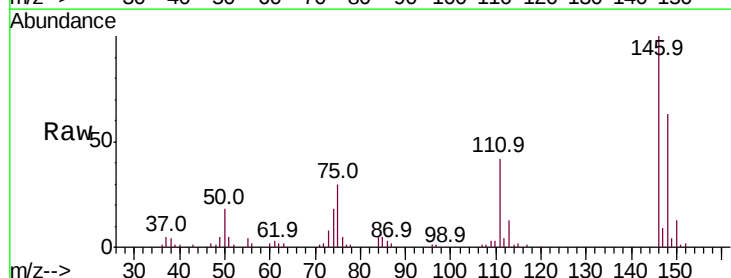
RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.4	74.0
111	42.0	33.8	50.6





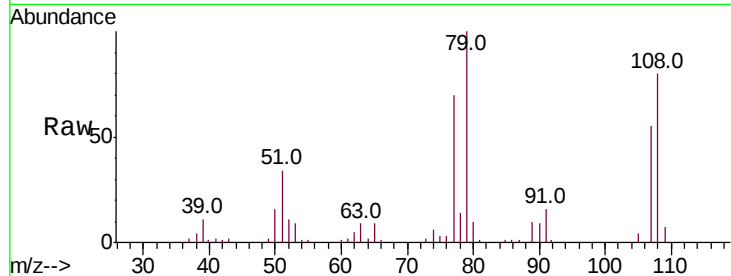
#15
Benzyl Alcohol
Concen: 44.466 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

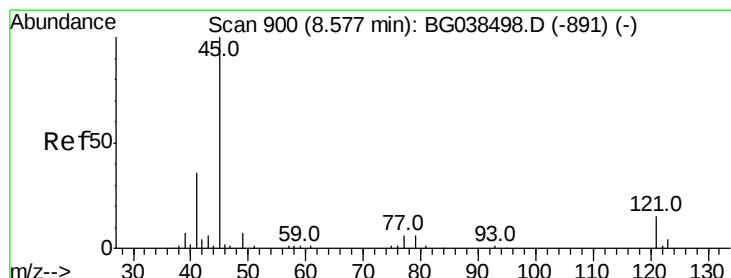
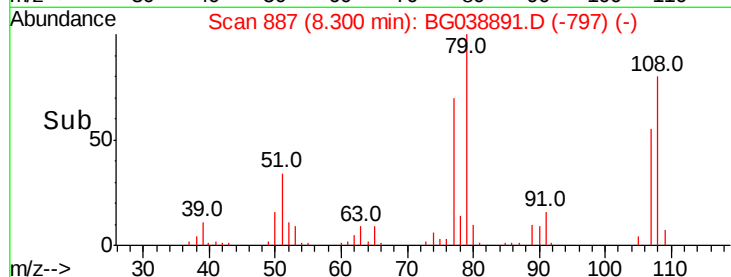
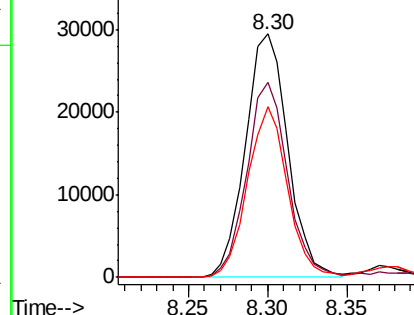
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	60.2	90.4
77	70.3	50.7	76.1

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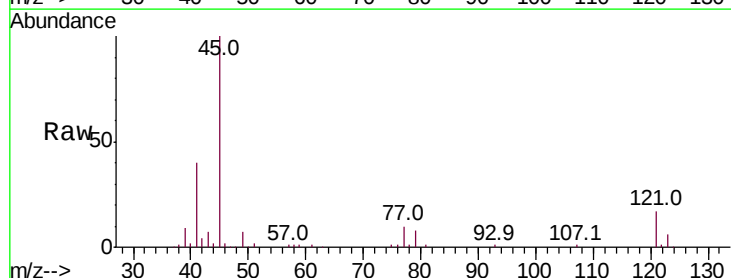


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

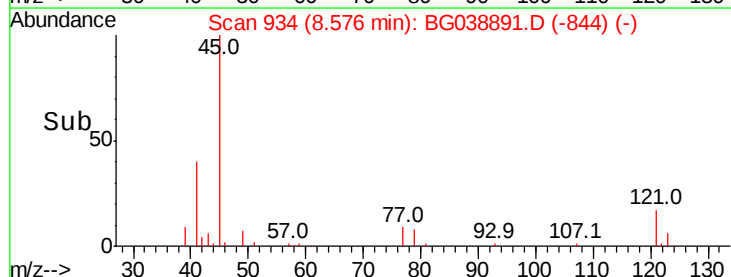
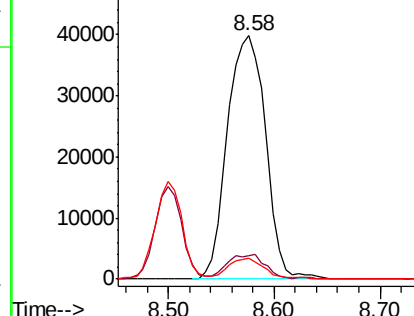


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.586 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	28.2
79	8.4	0.0	27.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





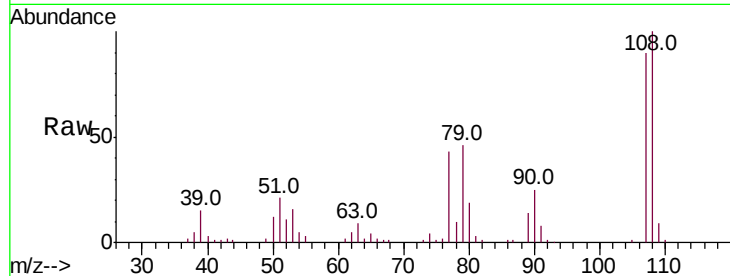
#17
2-Methylphenol
Concen: 48.946 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampled :
PB116049BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.1	130.7
77	48.0	42.0	63.0
79	50.3	38.2	57.2

Manual Integrations
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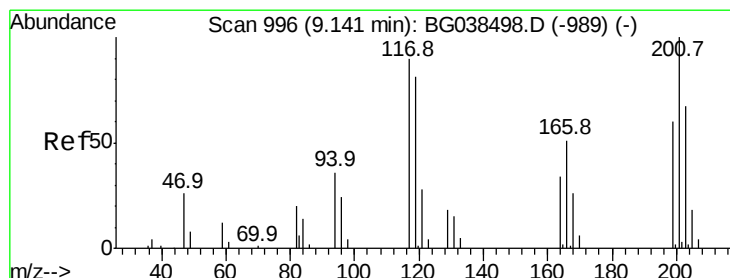
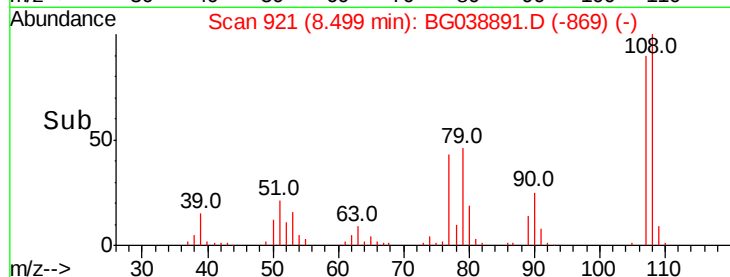
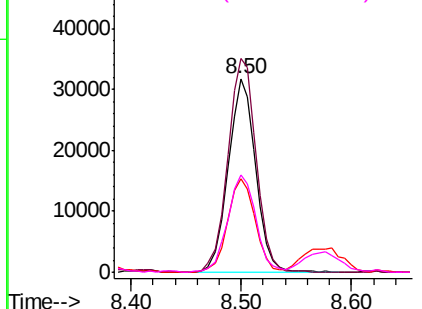
Abundance

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: 37.952 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

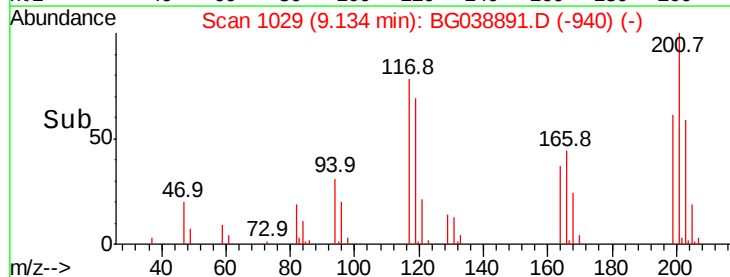
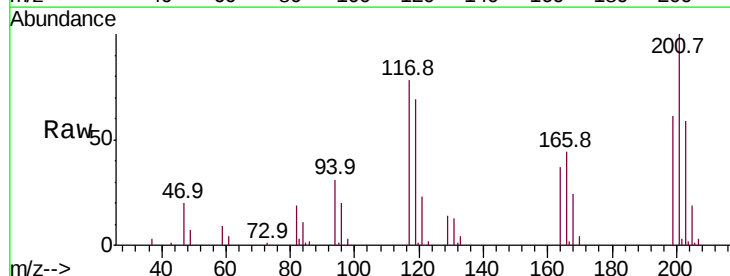
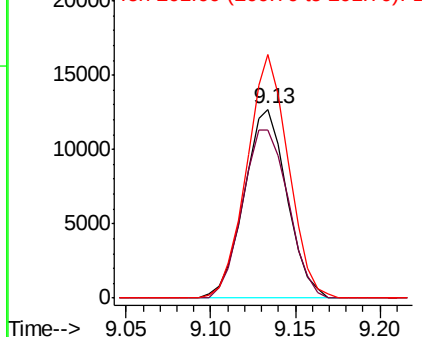
Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.9	73.8	110.8
201	128.8	89.4	134.0

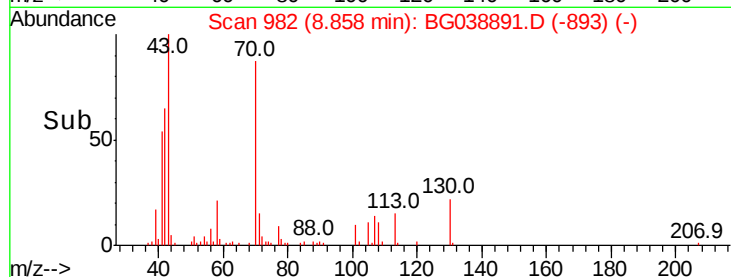
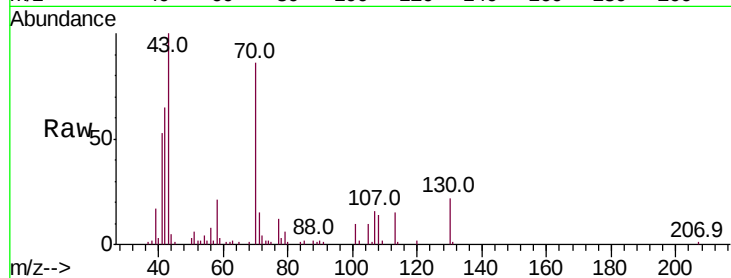
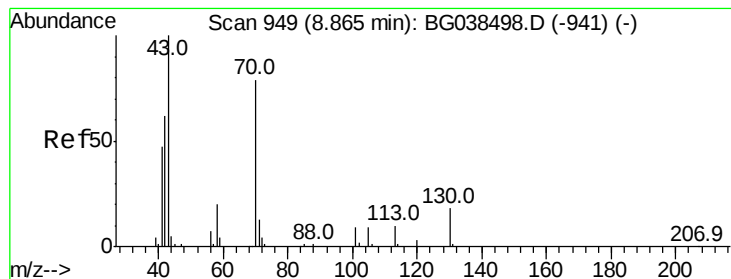
Abundance

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: 37.077 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

PB116049BS

Tot Ion: 70 Resp: 41301

Ion Ratio Lower Upper

70 100

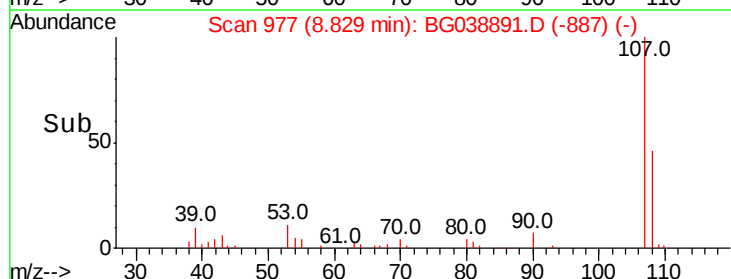
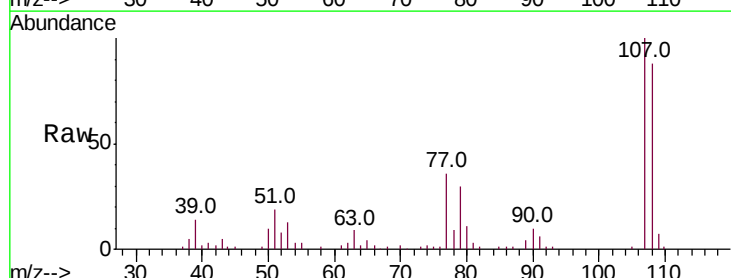
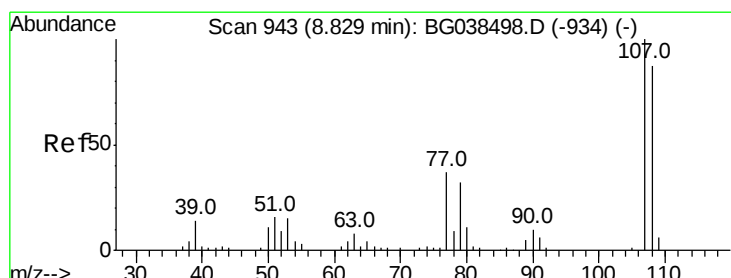
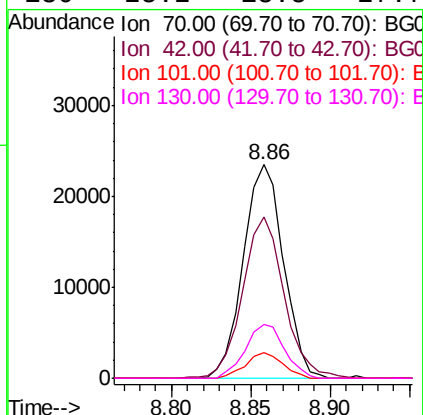
42 75.3 63.6 95.4

101 12.0 9.2 13.8

130 25.2 18.5 27.7

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#20

3+4-Methylphenols

Concen: 50.435 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion: 107 Resp: 78632

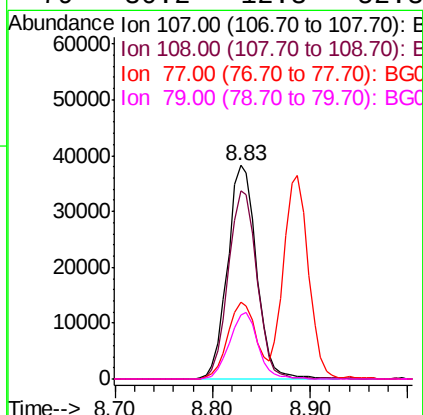
Ion Ratio Lower Upper

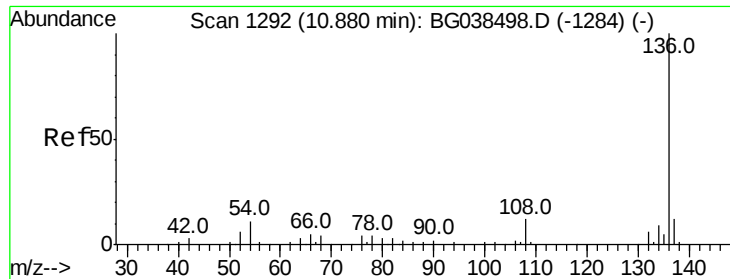
107 100

108 88.2 66.7 106.7

77 35.9 17.3 57.3

79 30.2 12.3 52.3





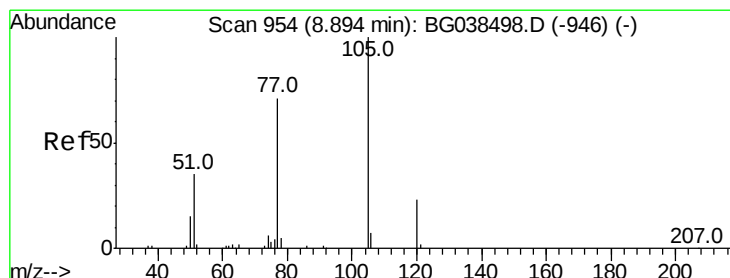
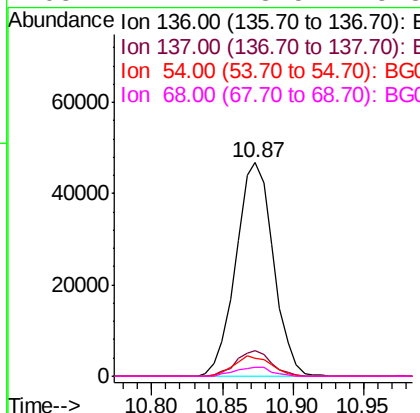
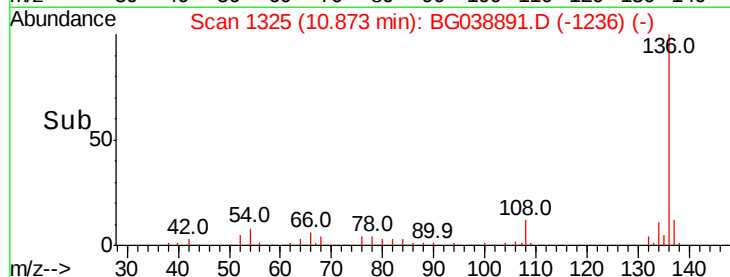
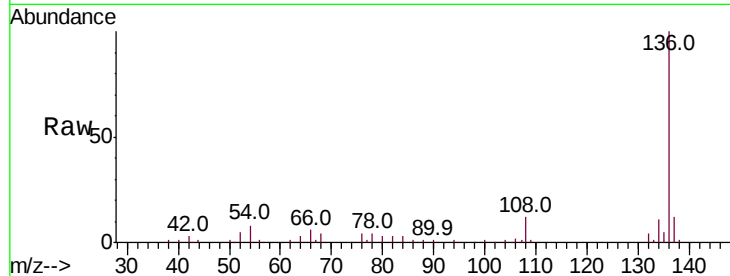
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.8	9.3	13.9
54	8.5	8.5	12.7
68	4.4	3.5	5.3

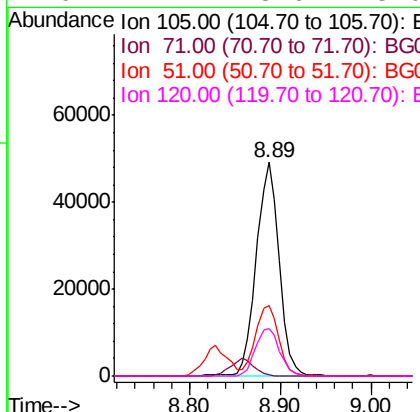
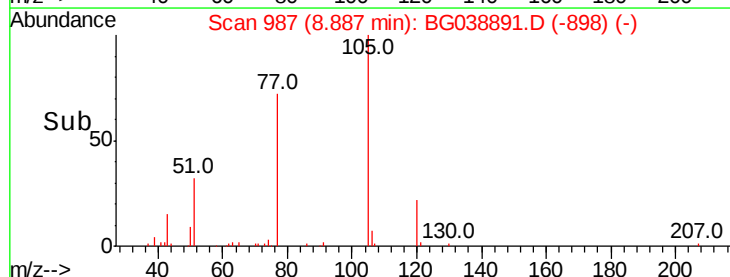
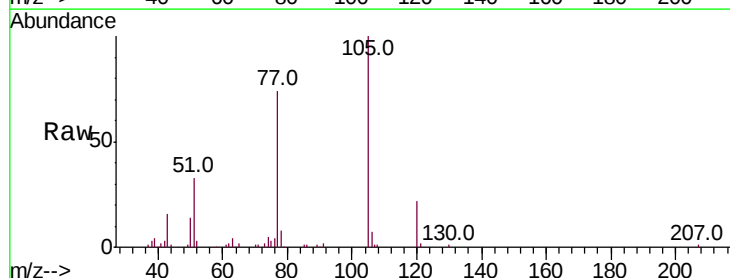
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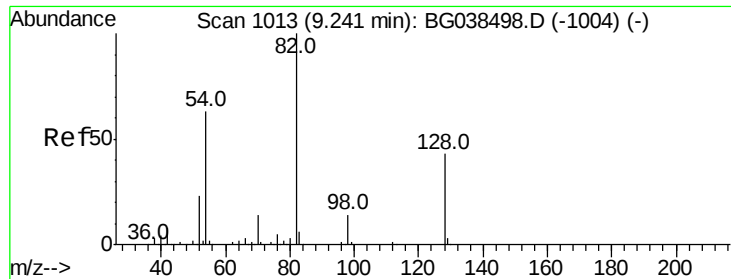
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#22
Acetophenone
Concen: 39.768 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.6	0.4	0.6
51	33.1	30.6	46.0
120	22.2	18.6	28.0





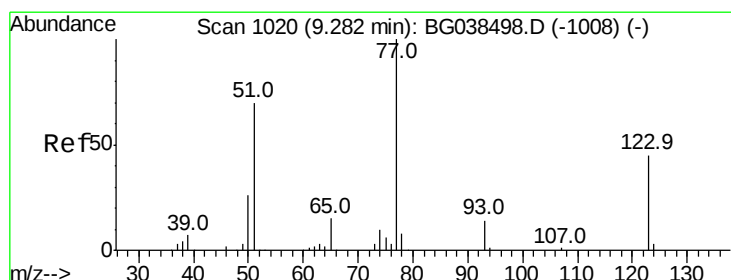
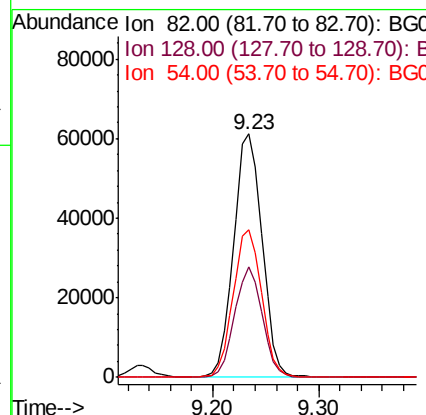
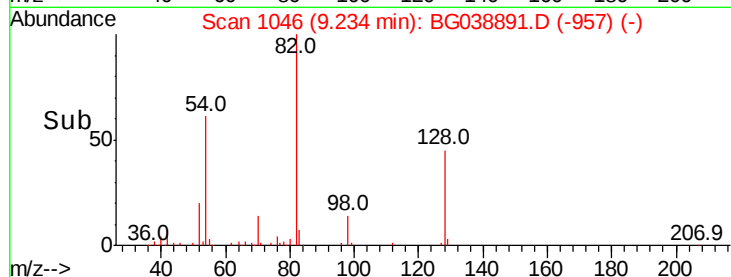
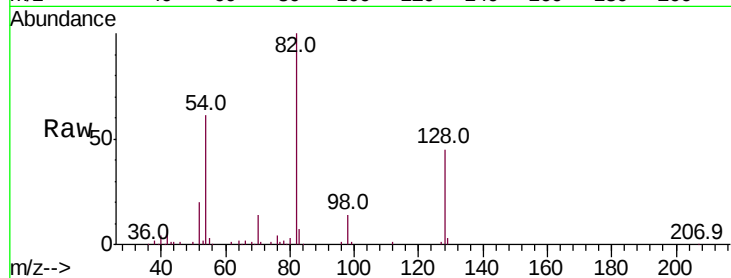
#23
Nitrobenzene-d5
Concen: 66.991 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	52.0
54	60.6	50.6	76.0

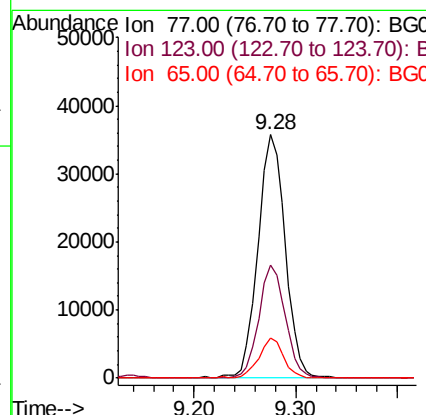
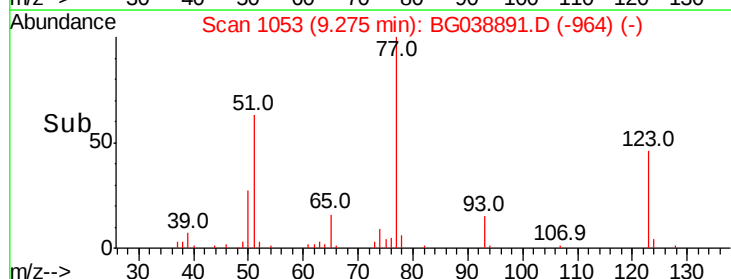
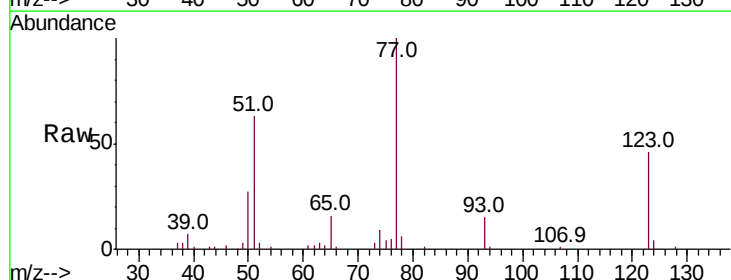
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#24
Nitrobenzene
Concen: 38.977 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	35.9	53.9
65	16.2	12.0	18.0





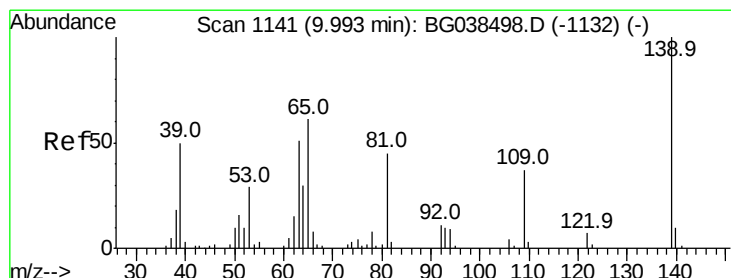
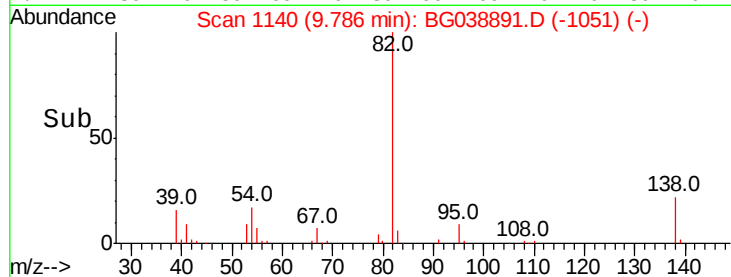
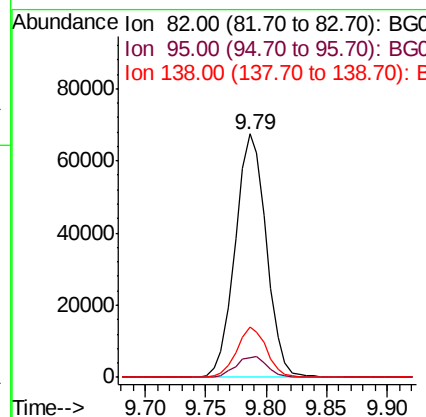
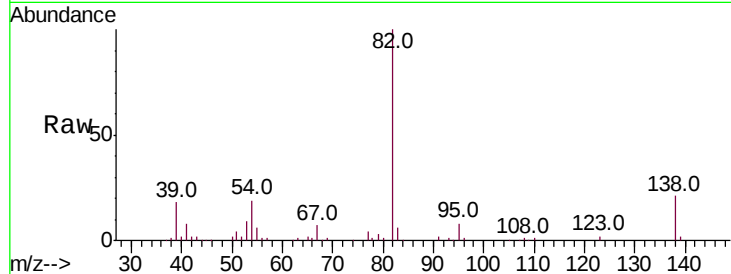
#25
Isophorone
Concen: 39.684 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.3	6.1	9.1
138	20.6	14.9	22.3

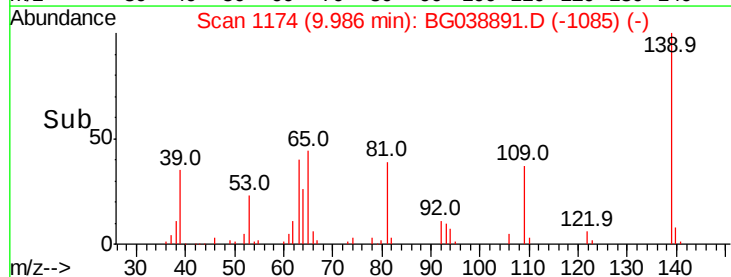
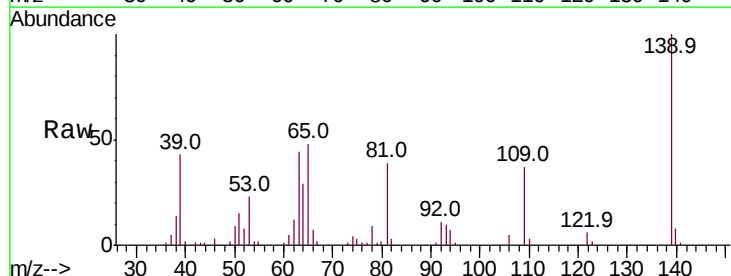
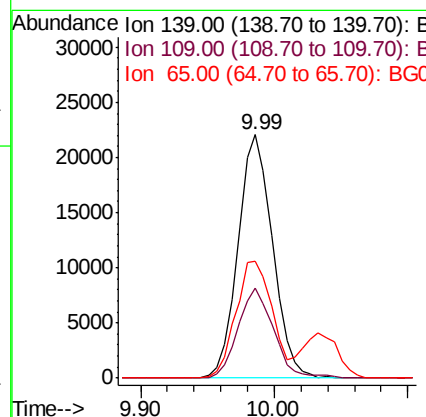
Manual Integrations
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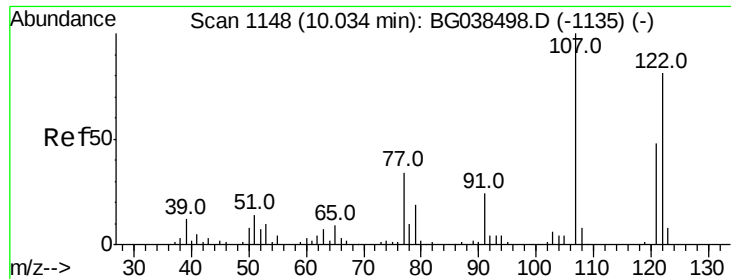
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#26
2-Nitrophenol
Concen: 45.018 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	36.8	29.5	44.3
65	48.3	48.5	72.7#





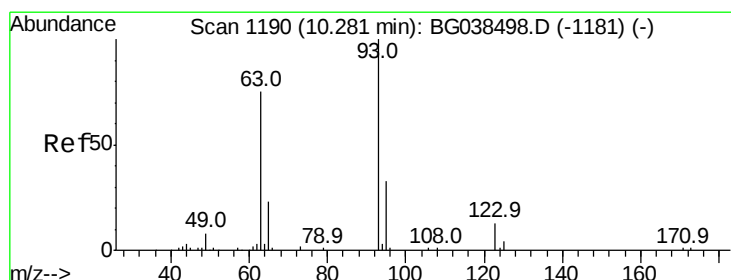
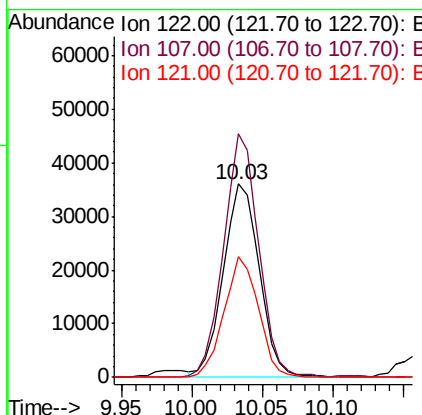
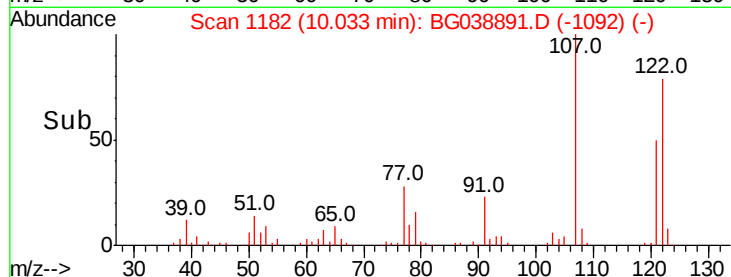
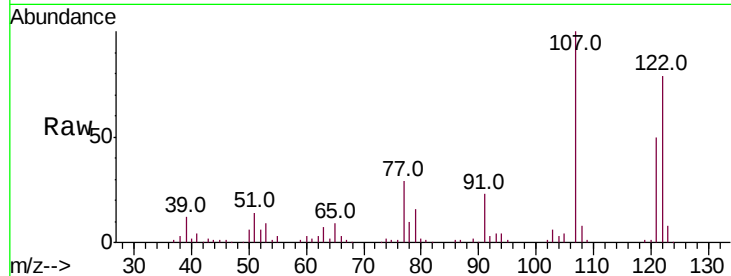
#27
 2,4-Dimethylphenol
 Concen: 50.962 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	98.4	147.6
121	62.8	47.2	70.8

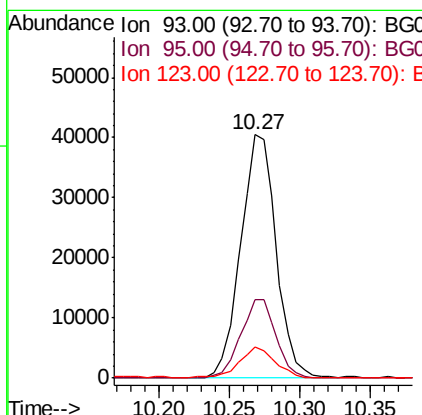
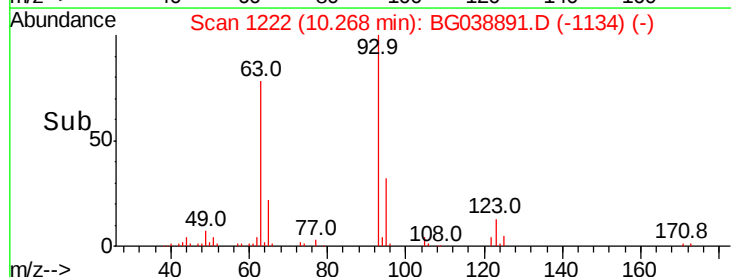
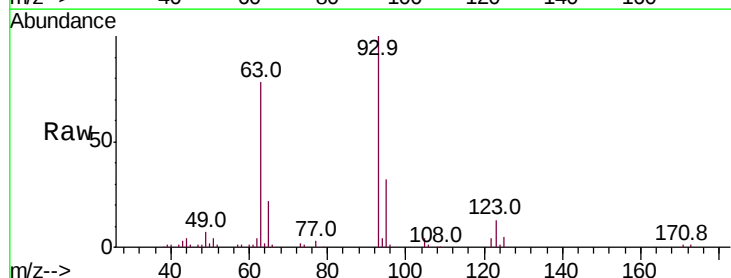
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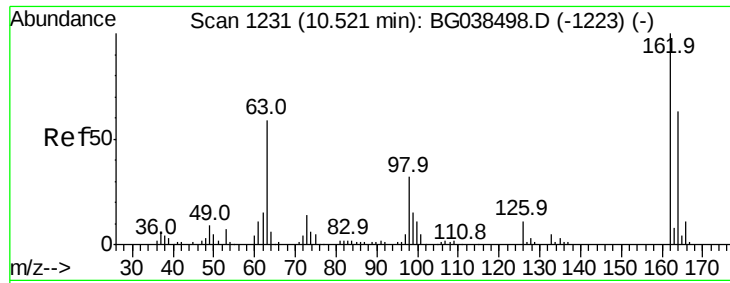
Sohil
 1/2/2019 3:30:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.387 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	40.0
123	12.7	10.6	16.0





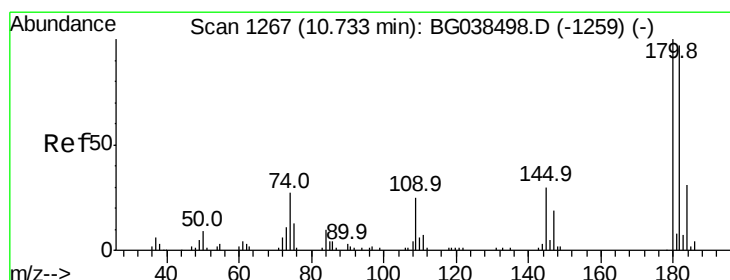
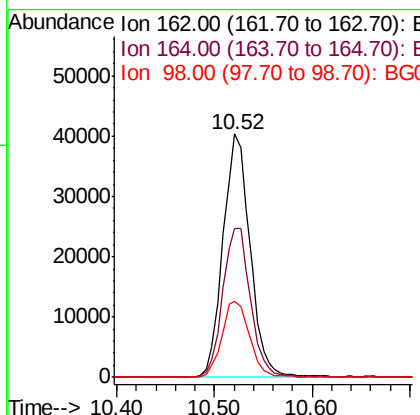
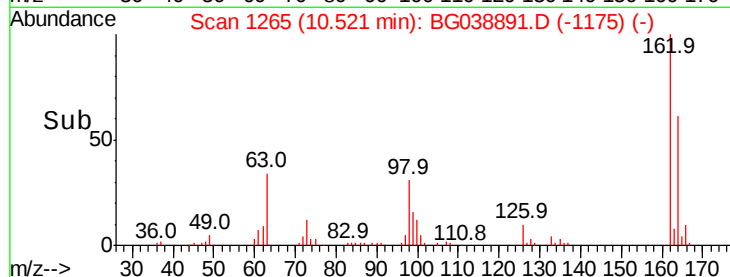
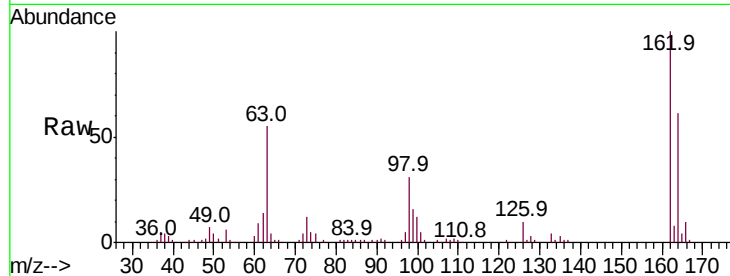
#29
 2,4-Dichlorophenol
 Concen: 55.645 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.1	42.9	82.9
98	31.0	12.1	52.1

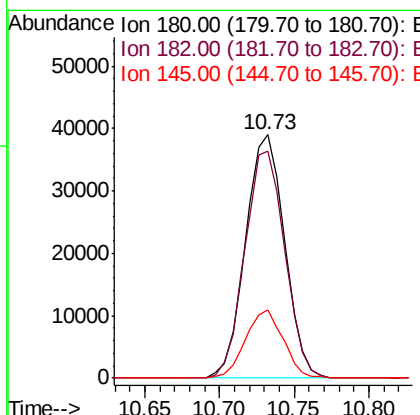
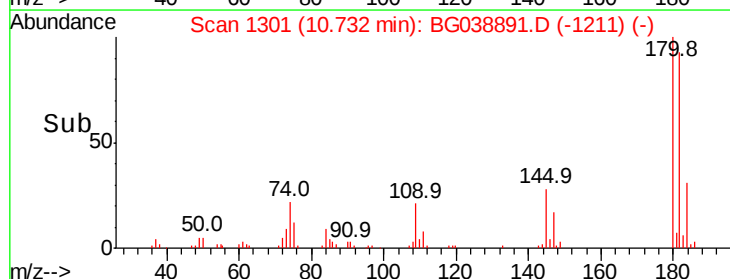
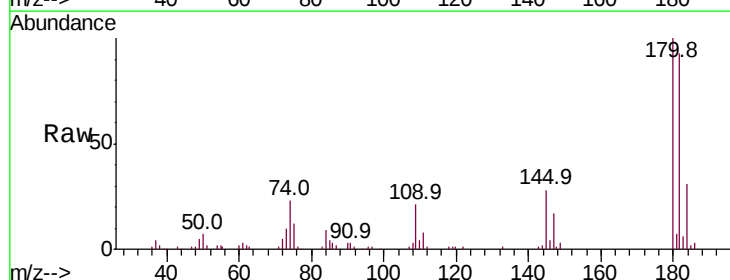
Manual Integrations
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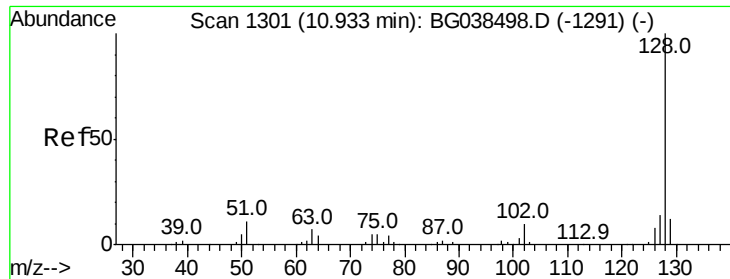
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.693 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.4	77.4	116.0
145	28.2	24.1	36.1





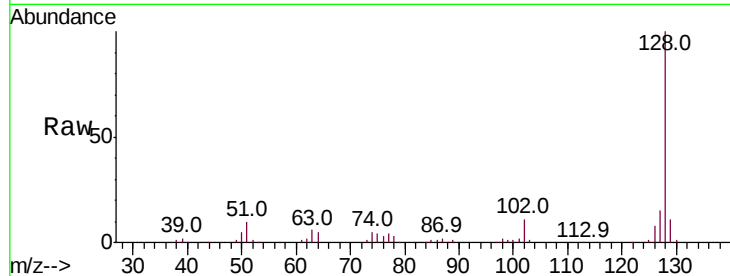
#31
Naphthalene
Concen: 43.969 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampled :
PB116049BS

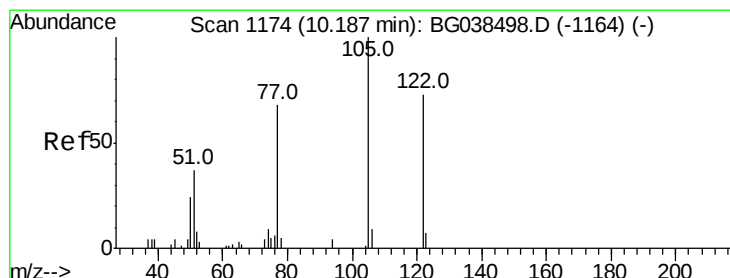
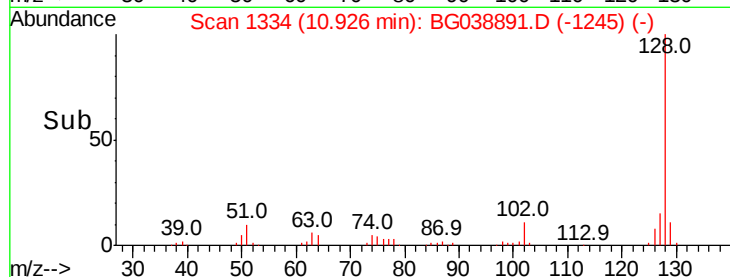
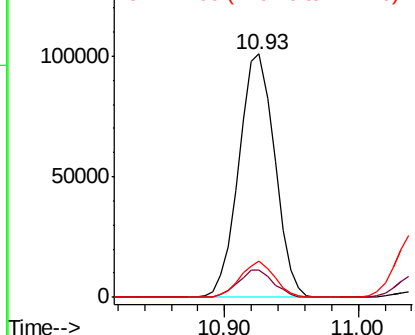
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	14.9	10.9	16.3

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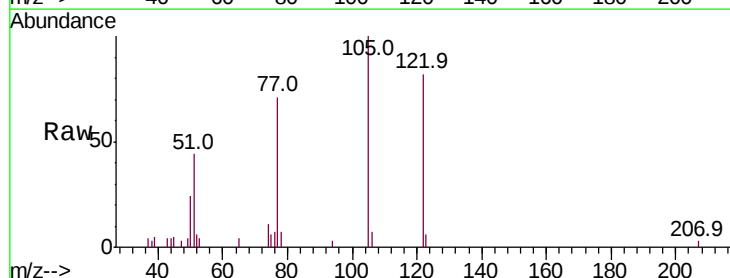


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

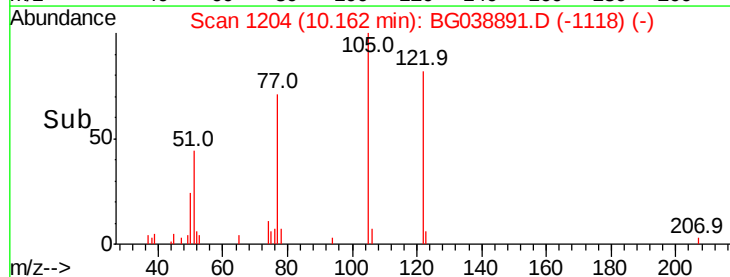
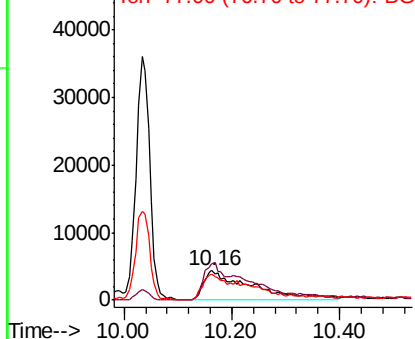


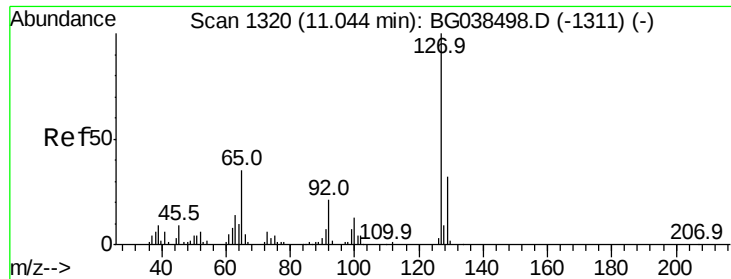
#32
Benzoic acid
Concen: 37.031 ng m
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	116.7	156.7
77	87.3	72.5	112.5



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): BGO





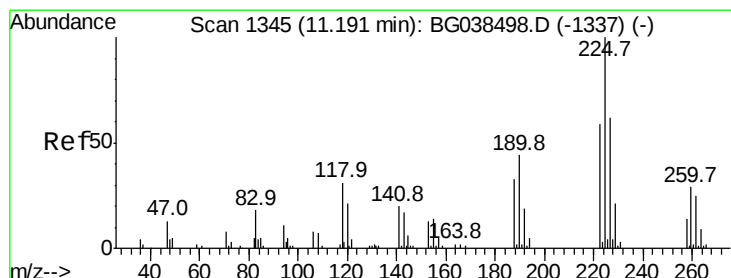
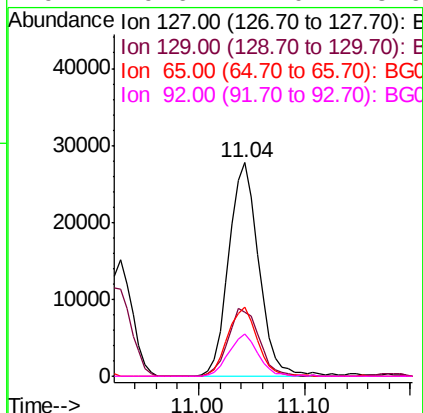
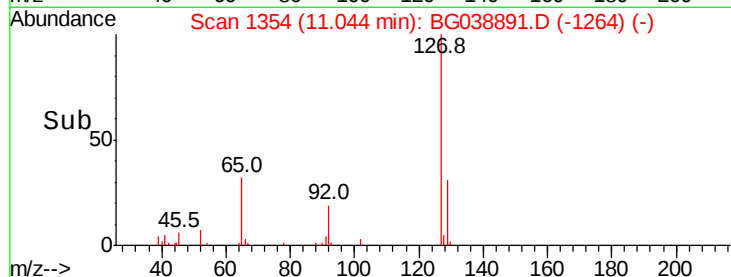
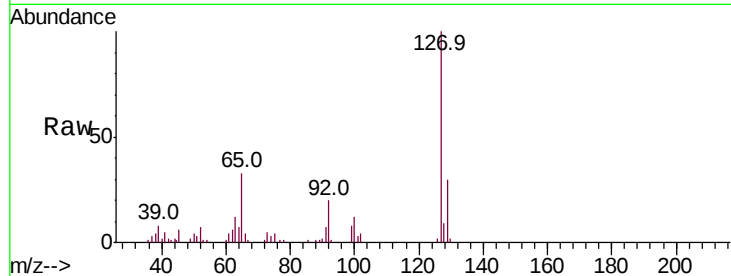
#33
4-Chloroaniline
Concen: 29.538 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.0	25.8	38.8	
65	32.5	27.8	41.6	
92	19.6	17.0	25.6	

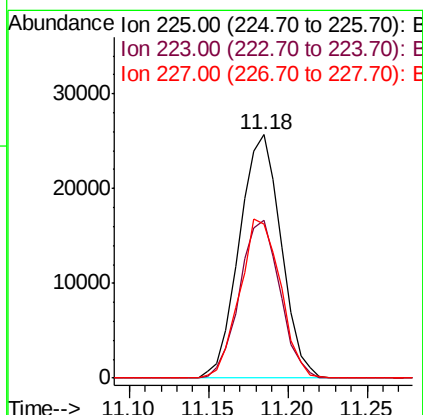
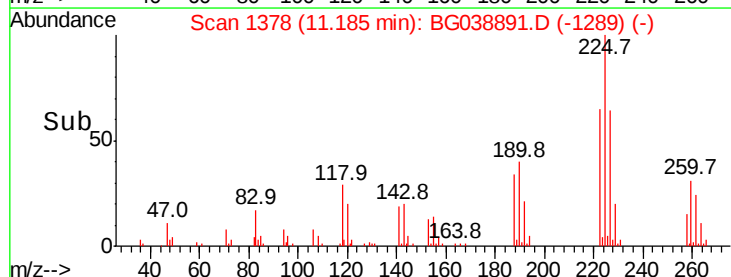
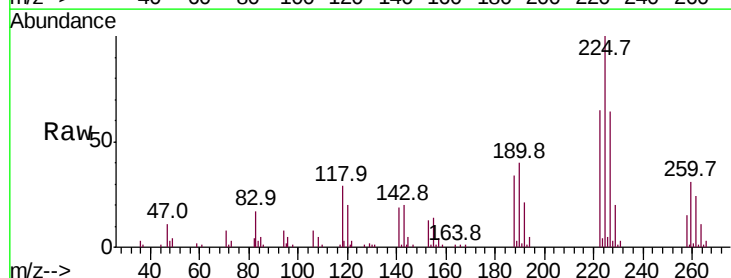
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#34
Hexachlorobutadiene
Concen: 40.974 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	68.2	45.0	67.6#	
227	66.7	50.6	75.8	





#35

Caprolactam

Concen: 41.538 ng

RT: 11.84 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampled :

PB116049BS

Tot Ion:113 Resp: 24050

Ion Ratio Lower Upper

113 100

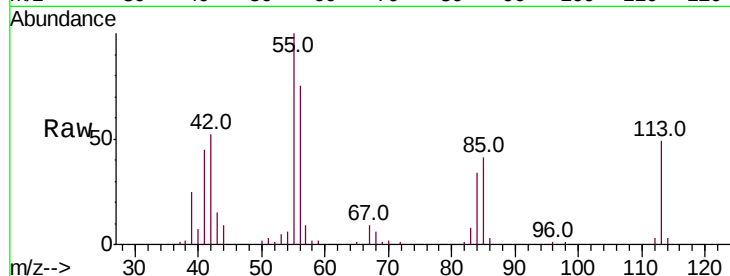
55 204.4 204.3 244.3

56 153.7 135.0 175.0

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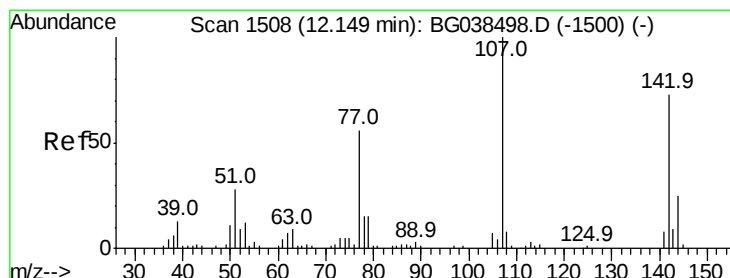
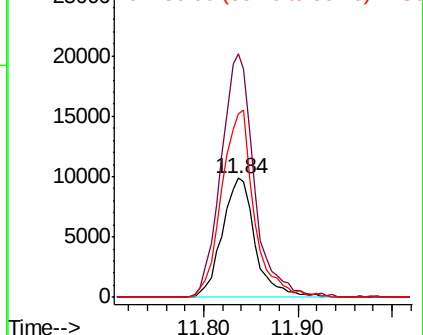
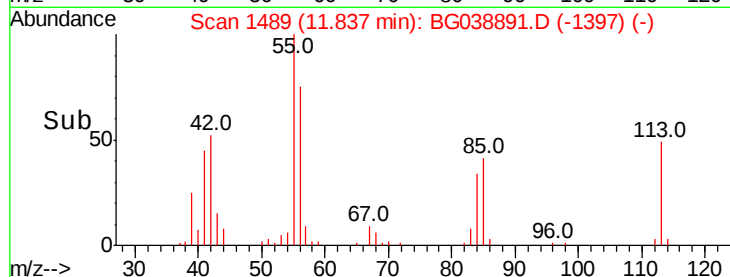
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 50.441 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

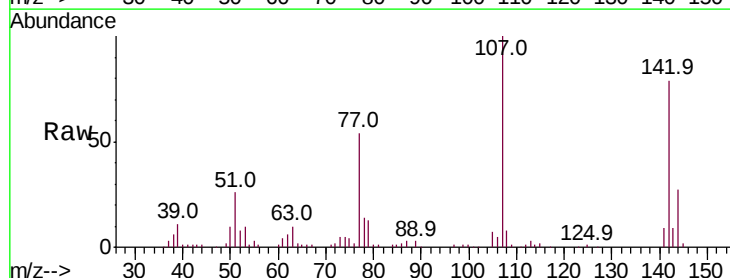
Tgt Ion:107 Resp: 80531

Ion Ratio Lower Upper

107 100

144 26.8 20.1 30.1

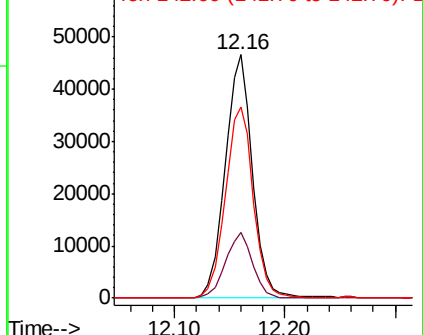
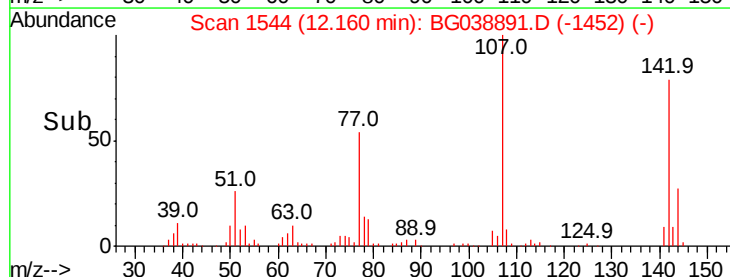
142 78.7 58.7 88.1

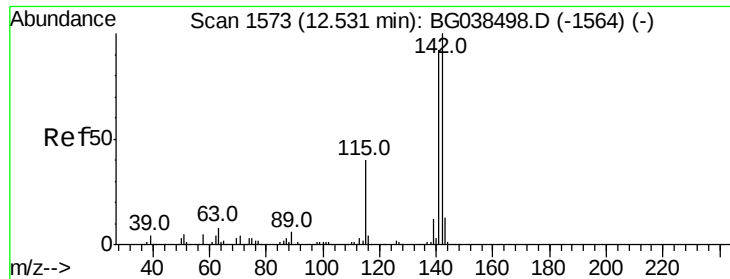


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





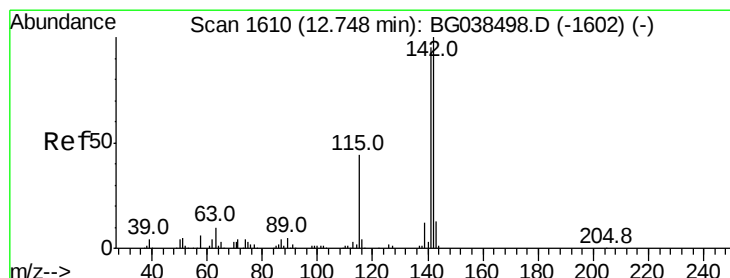
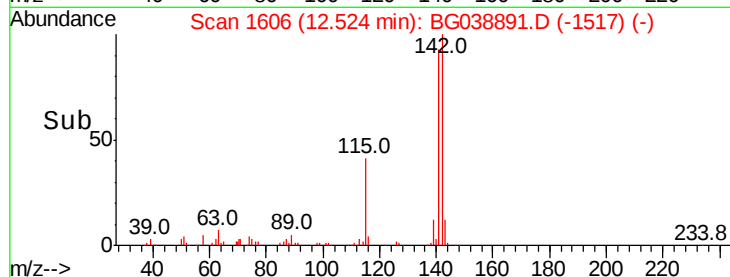
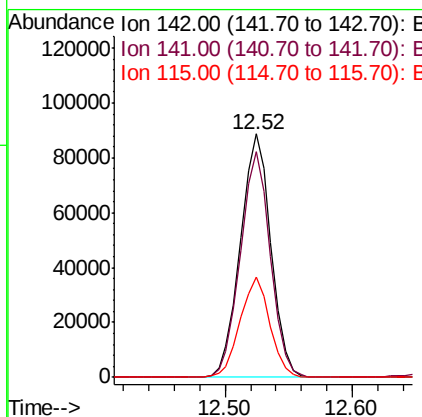
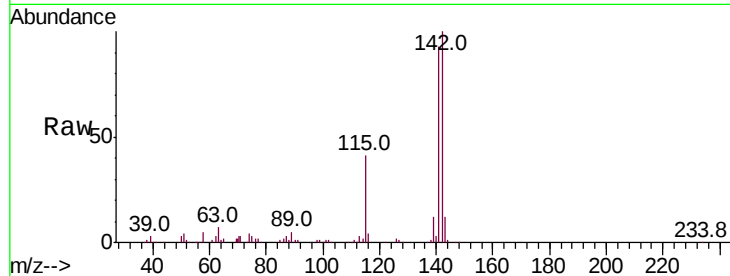
#37
 2-Methylnaphthalene
 Concen: 48.798 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.5	110.3
115	41.3	31.7	47.5

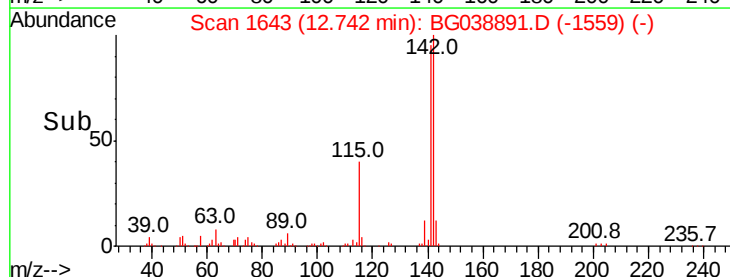
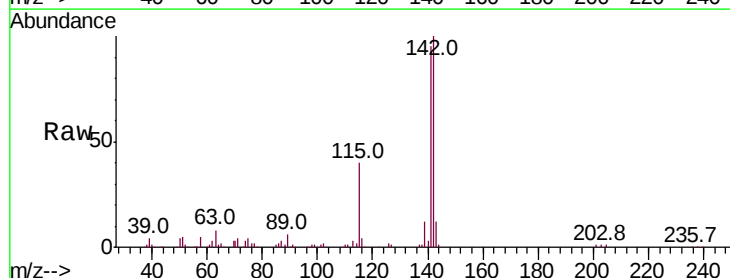
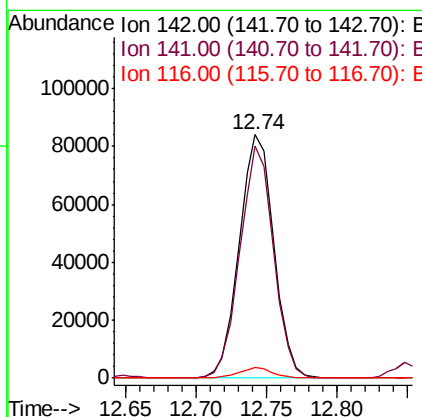
Manual Integrations
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#38
 1-Methylnaphthalene
 Concen: 48.688 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.8	113.8
116	4.3	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

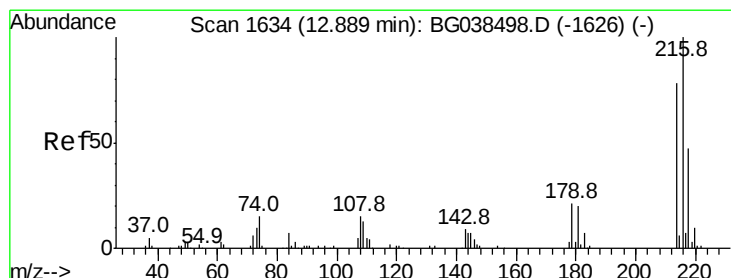
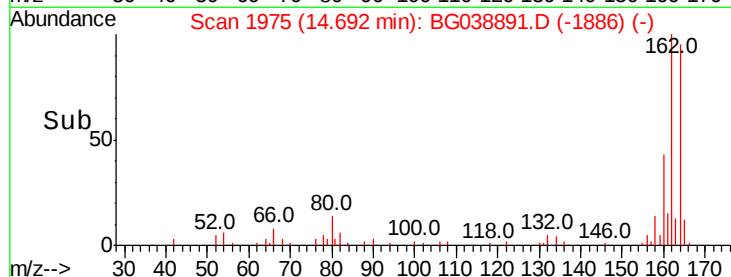
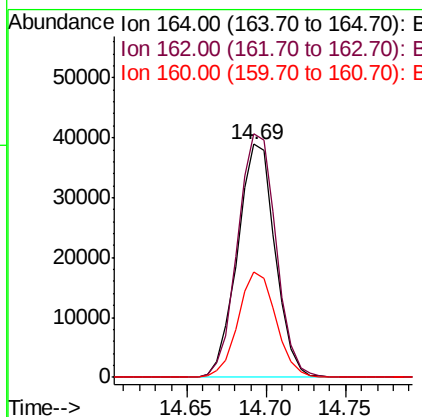
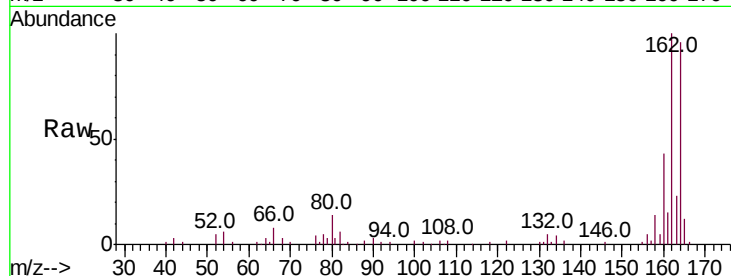
ClientSampleId :

PB116049BS

Tot Ion:	164	Resp:	64022
Ion Ratio	Lower	Upper	
164	100		
162	104.6	86.6	130.0
160	45.2	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.543 ng

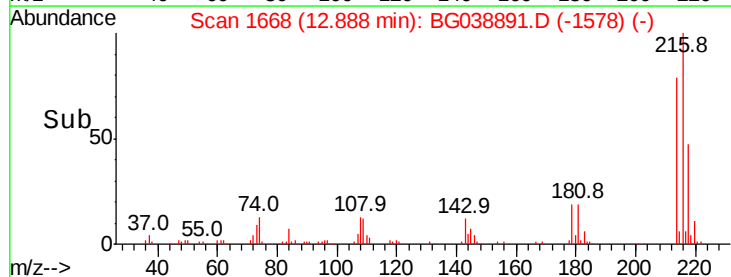
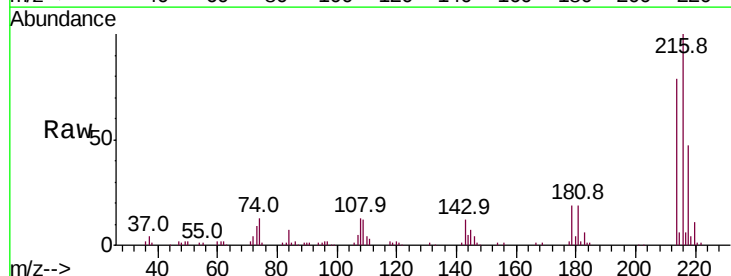
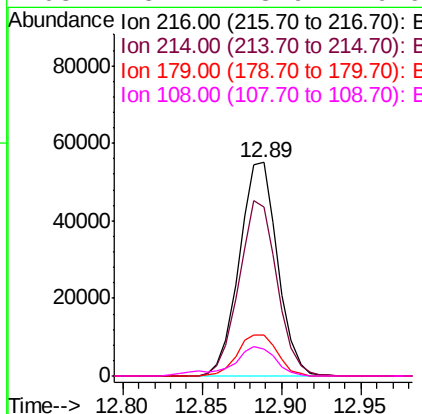
RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:	216	Resp:	92237
Ion Ratio	Lower	Upper	
216	100		
214	81.1	64.1	96.1
179	20.0	16.4	24.6
108	15.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 57.336 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

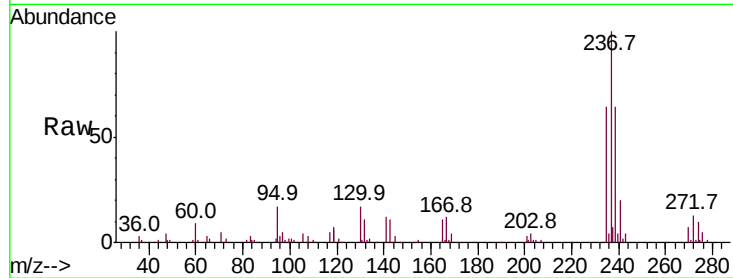
ClientSampleId :

PB116049BS

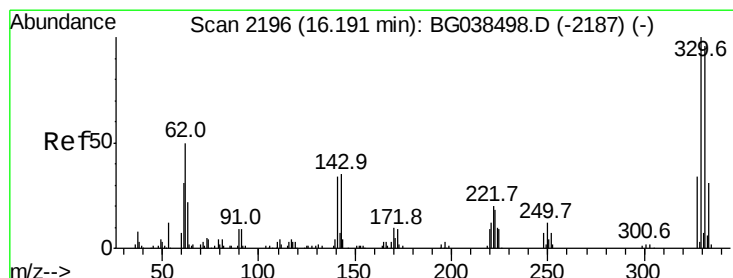
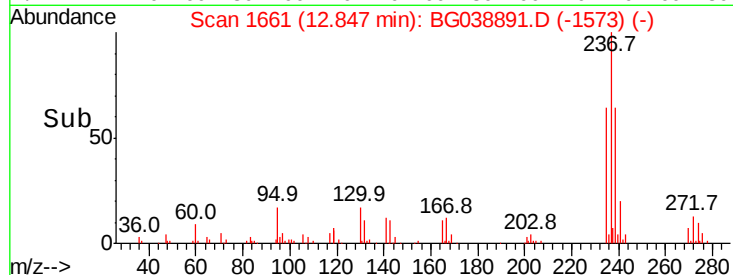
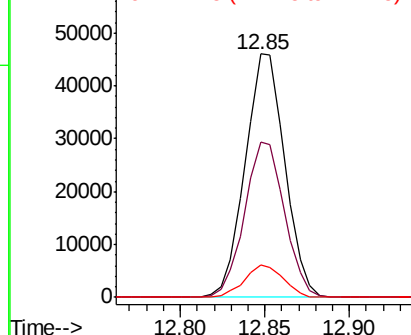
Tot Ion:	237	Resp:	75383
Ion Ratio	Lower	Upper	
237	100		
235	63.9	38.8	78.8
272	13.3	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 155.912 ng

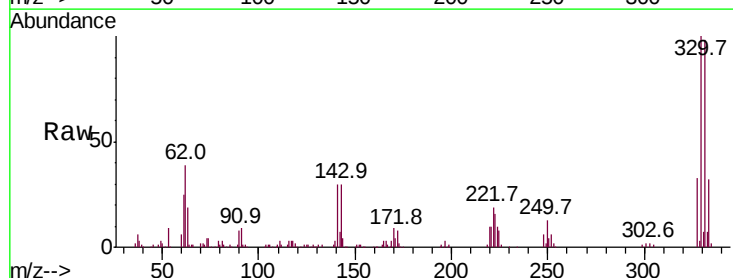
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

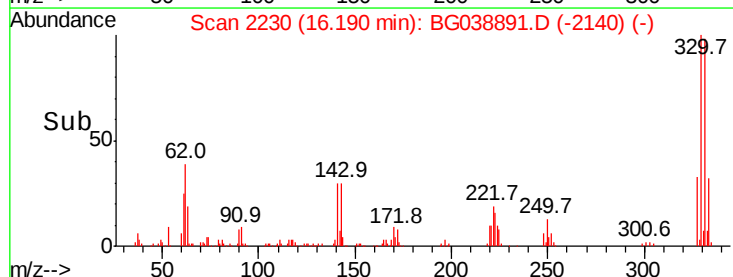
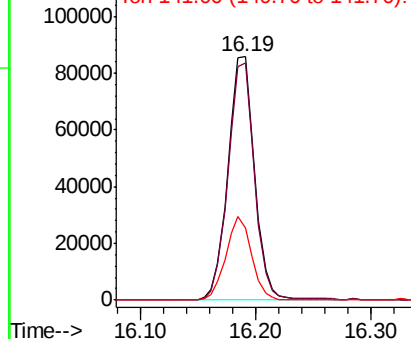
Lab File: BG038891.D

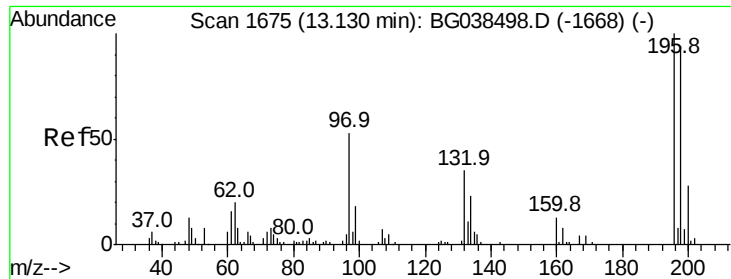
Acq: 29 Dec 2018 2:21

Tgt Ion:	330	Resp:	137567
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.9	115.3
141	33.0	28.8	43.2



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





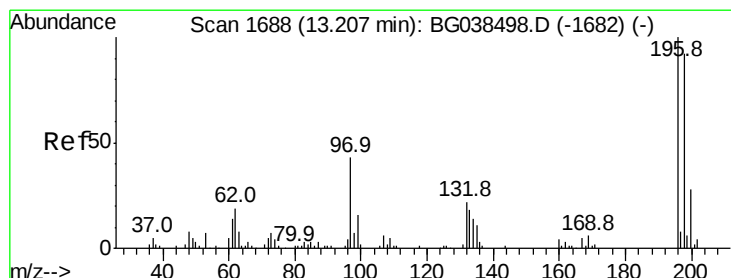
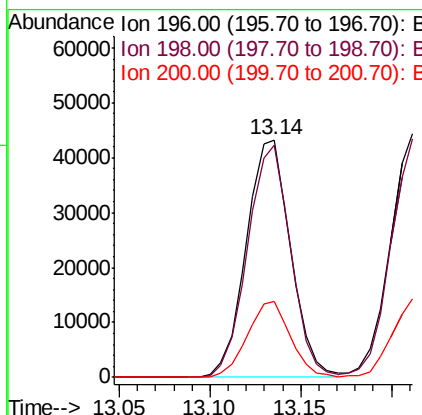
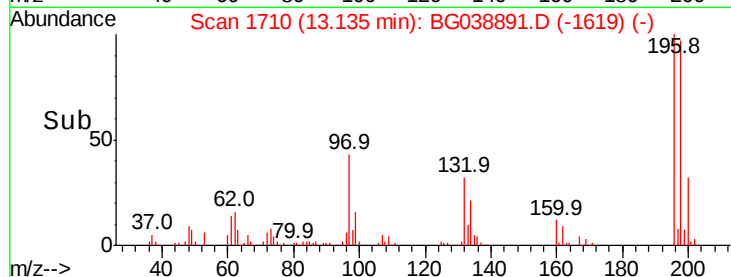
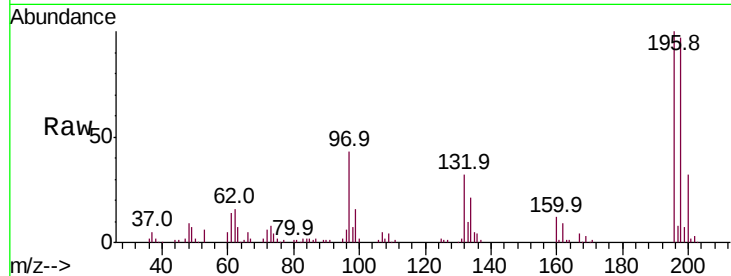
#43
 2,4,6-Trichlorophenol
 Concen: 49.856 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	73360		
198	97.5	75.0	112.4	
200	32.1	22.4	33.6	

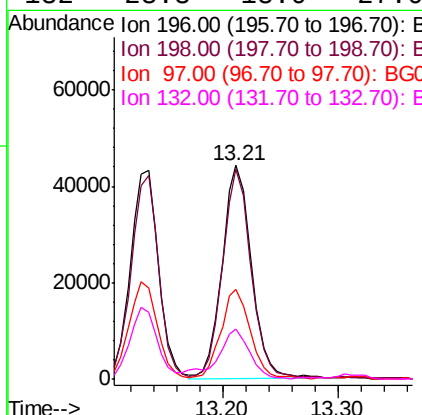
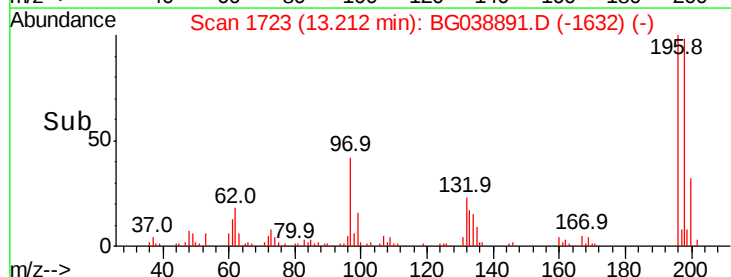
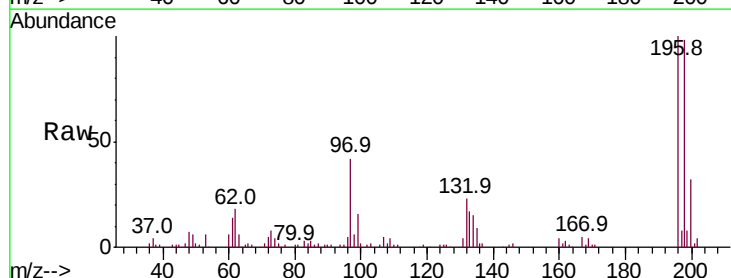
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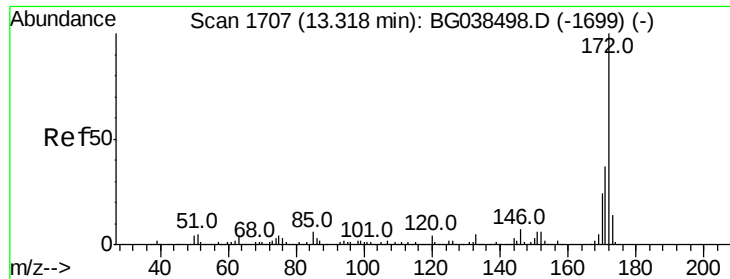
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#44
 2,4,5-Trichlorophenol
 Concen: 49.868 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	77690		
198	98.2	74.0	111.0	
97	41.7	35.1	52.7	
132	23.3	18.0	27.0	





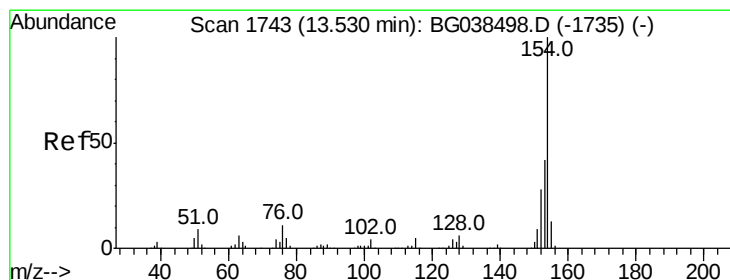
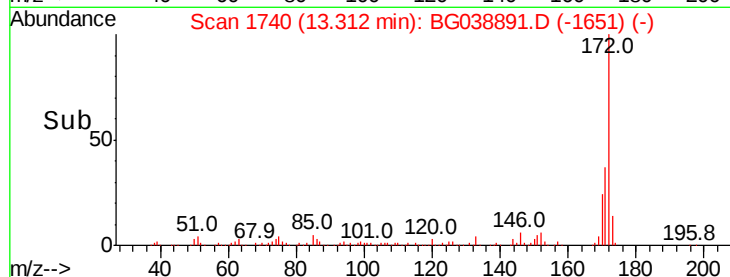
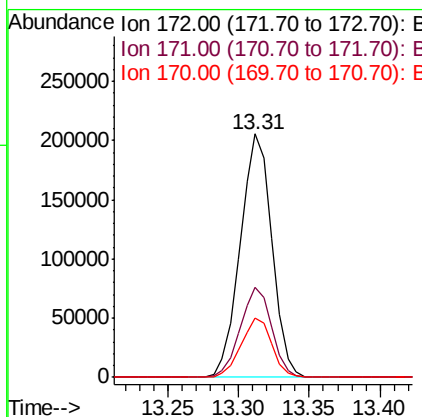
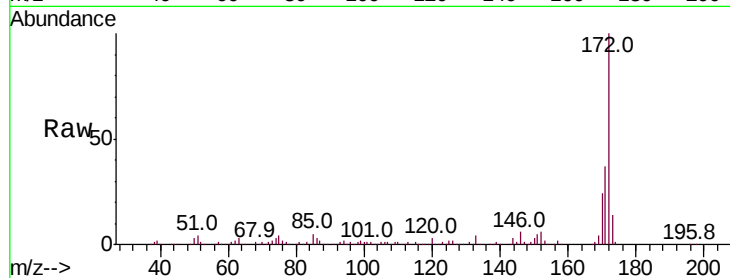
#45
2-Fluorobiphenyl
Concen: 68.861 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.8	29.8	44.6
170	24.4	19.5	29.3

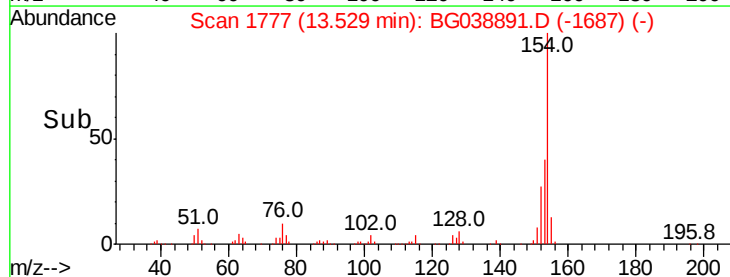
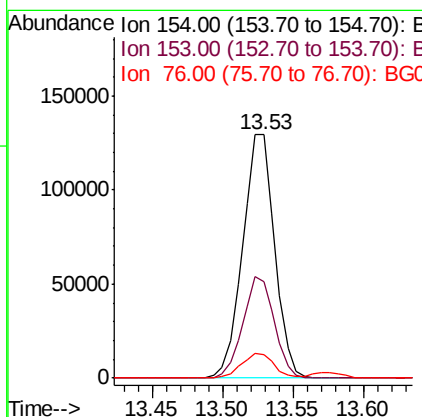
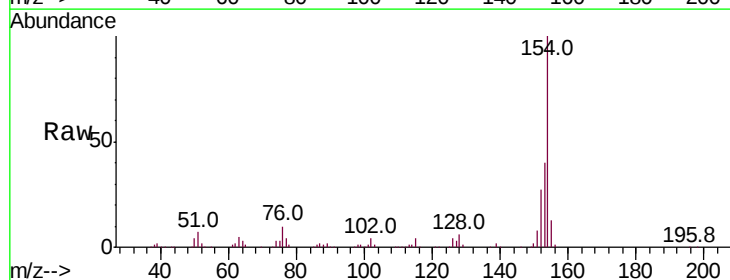
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#46
1,1'-Biphenyl
Concen: 38.215 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.7	22.1	62.1
76	9.6	0.0	31.2





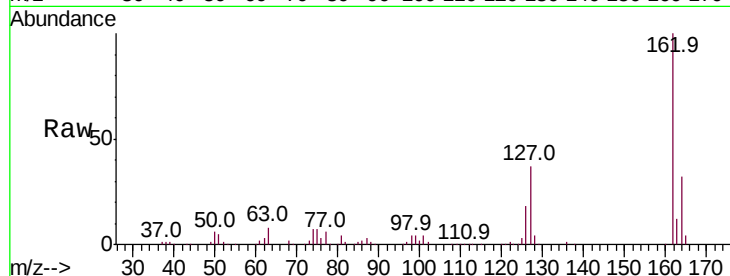
#47
2-Chloronaphthalene
Concen: 40.095 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

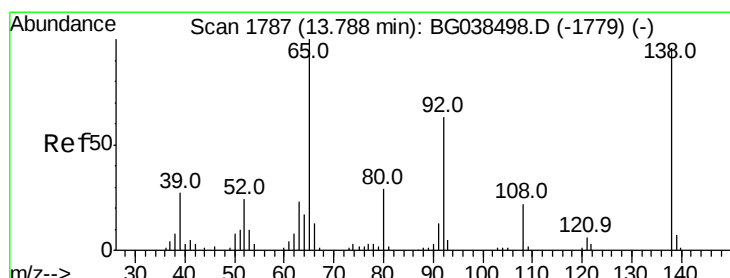
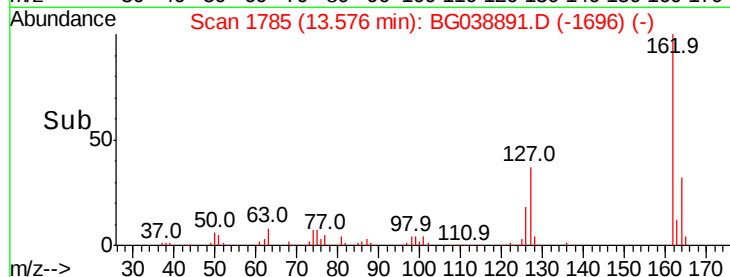
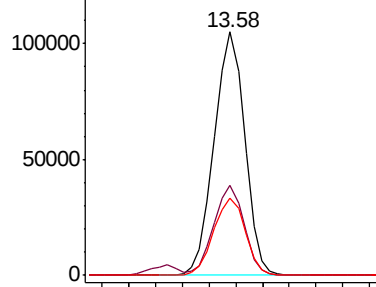
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.0	27.8	41.8
164	31.6	26.9	40.3

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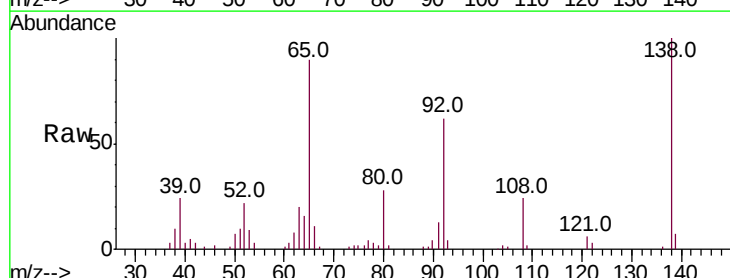


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

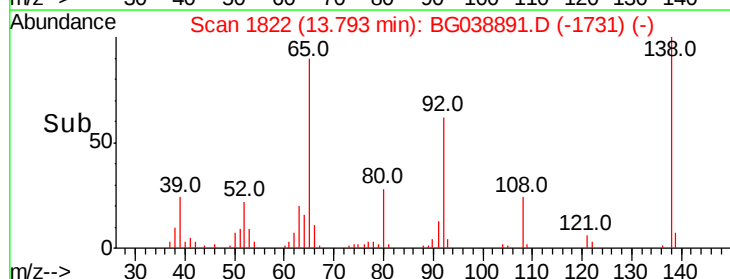
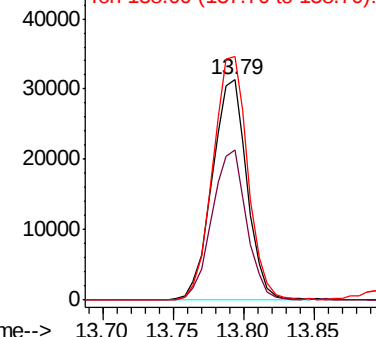


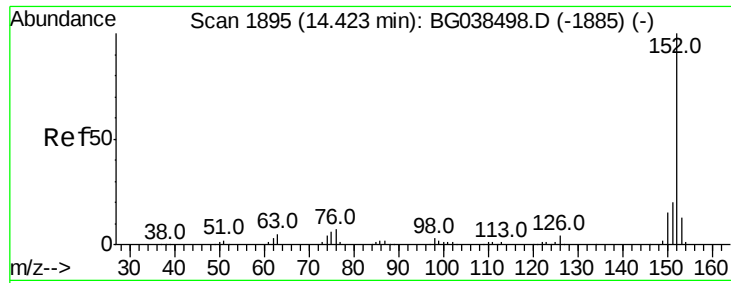
#48
2-Nitroaniline
Concen: 40.841 ng
RT: 13.79 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.1	50.0	75.0
138	110.5	76.9	115.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.229 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

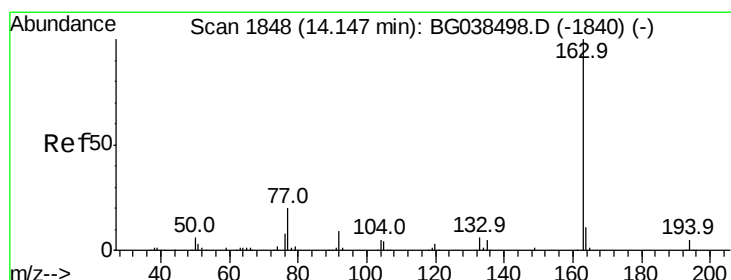
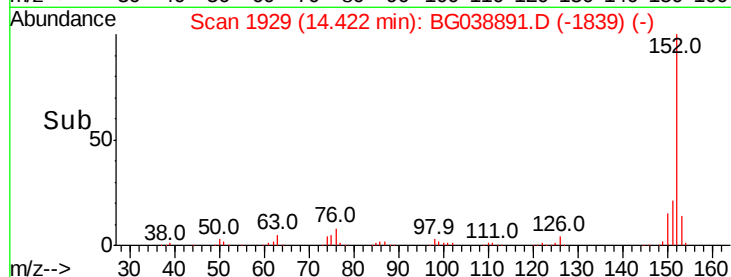
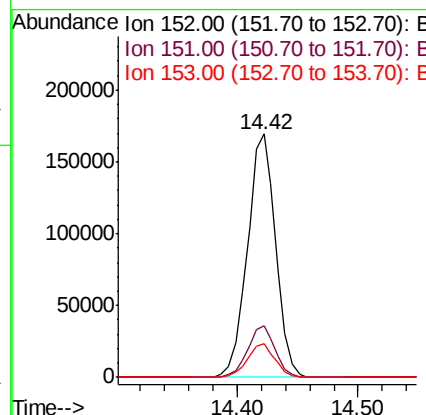
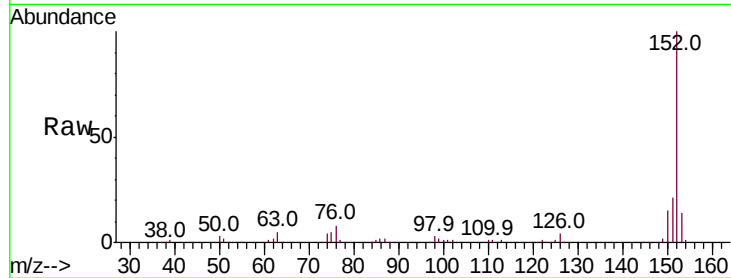
ClientSampleId :

PB116049BS

Tot Ion:	152	Resp:	274122
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.4	24.6
153	14.0	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.847 ng

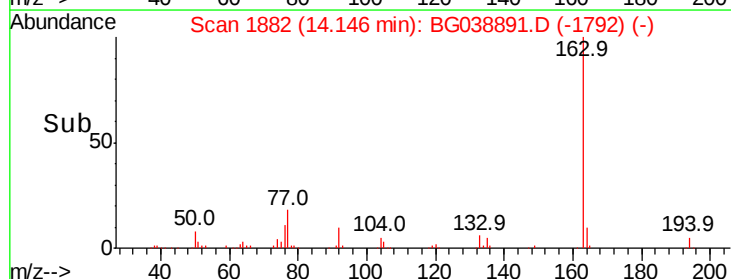
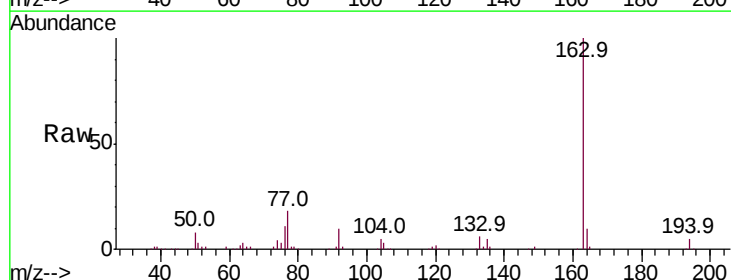
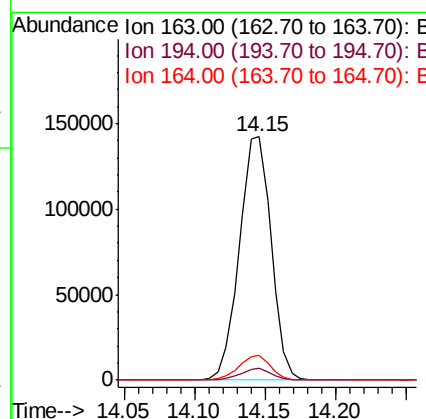
RT: 14.15 min Scan# 1882

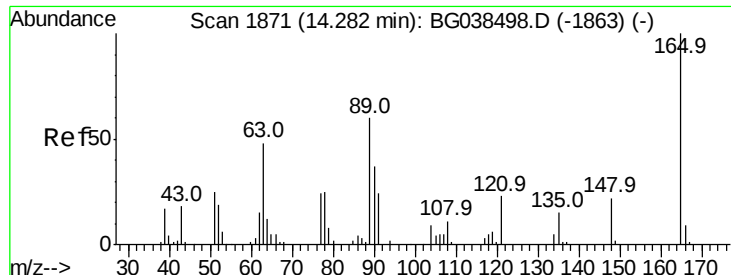
Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:	163	Resp:	224014
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.7	5.5
164	10.3	8.6	12.8





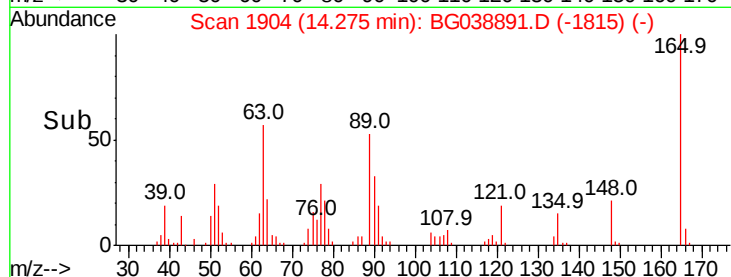
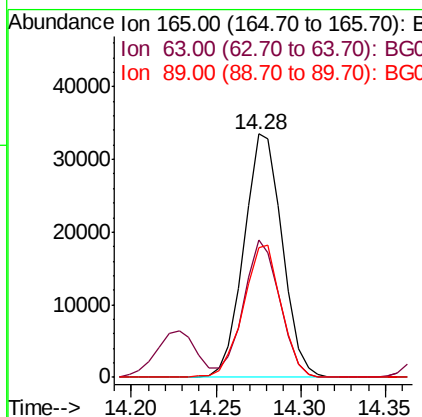
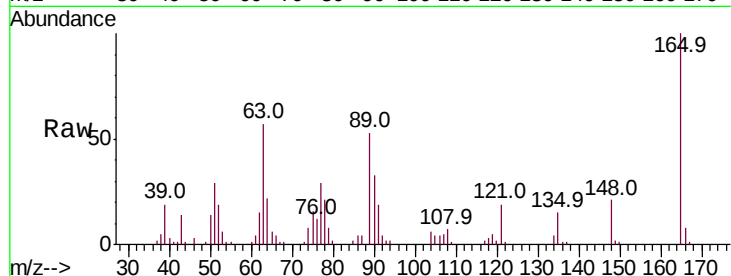
#51
 2,6-Dinitrotoluene
 Concen: 44.338 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion:	165	Resp:	52532
Ion Ratio	Lower	Upper	
165	100		
63	56.6	51.8	77.6
89	53.2	47.9	71.9

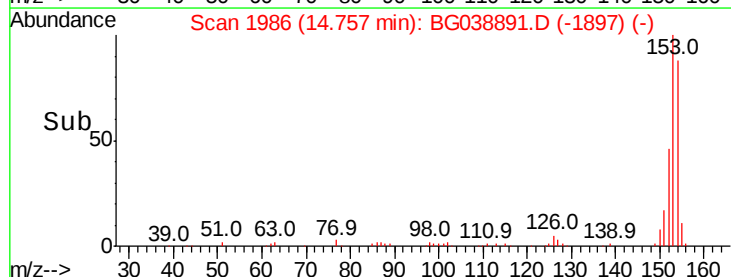
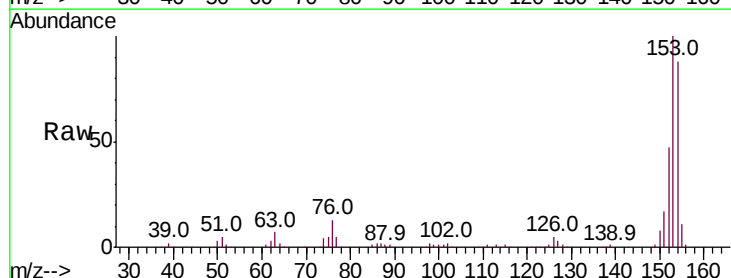
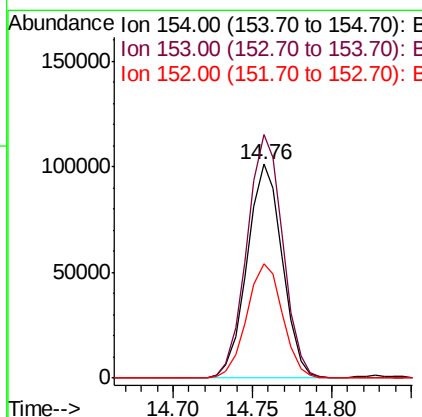
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#52
 Acenaphthene
 Concen: 42.255 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion:	154	Resp:	156601
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.6	136.0
152	53.2	43.5	65.3





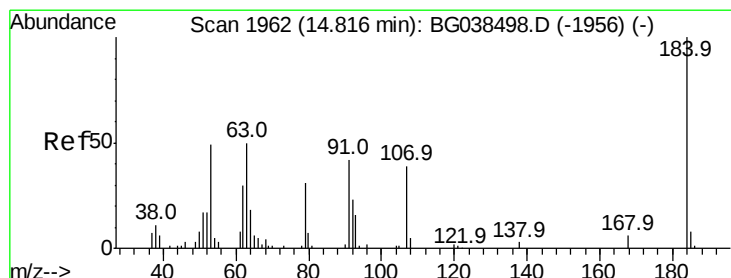
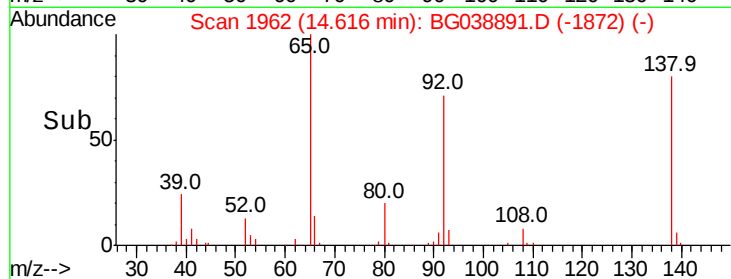
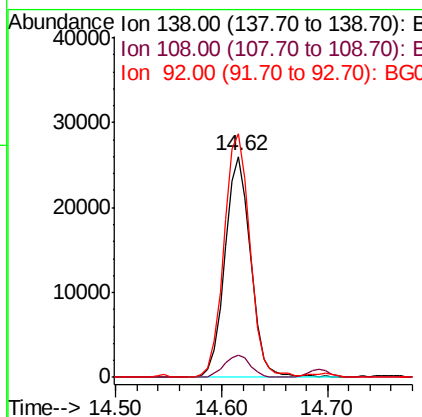
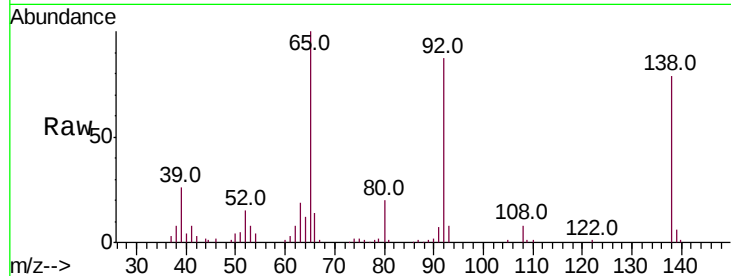
#53
3-Nitroaniline
Concen: 36.071 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	110.4	95.3	142.9

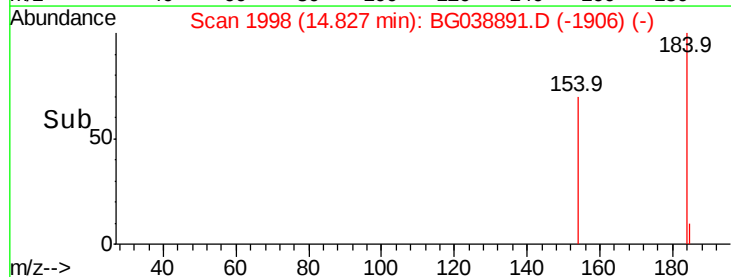
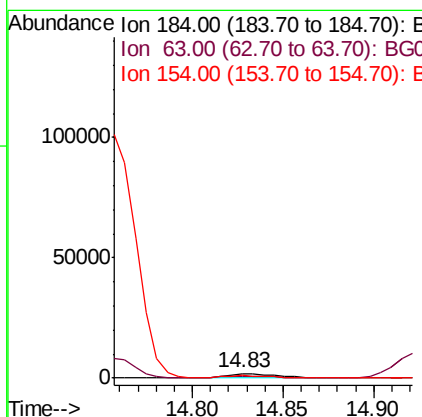
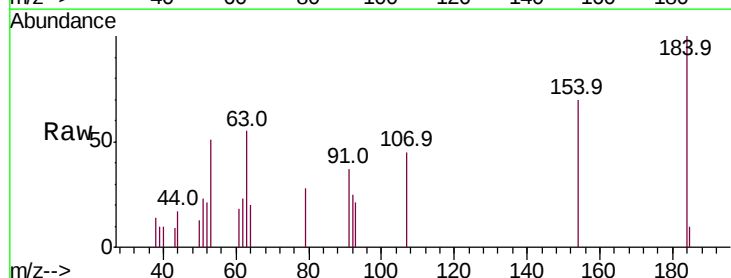
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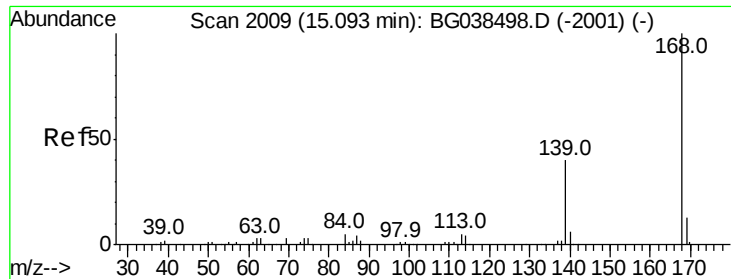
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#54
2,4-Dinitrophenol
Concen: 10.221 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.7	47.0	70.6
154	69.6	50.3	75.5





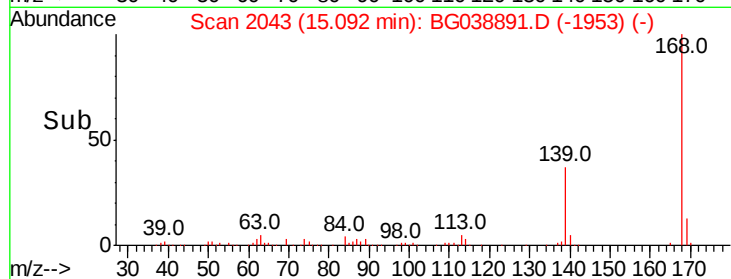
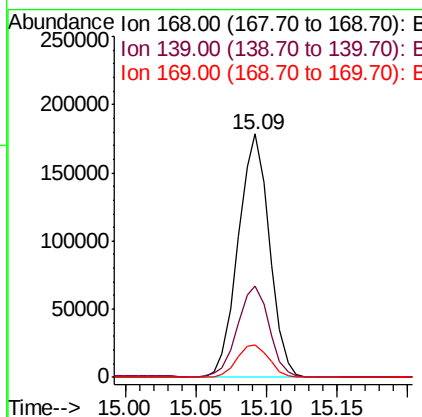
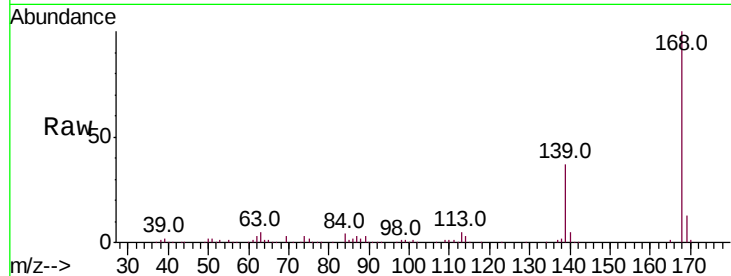
#55
Dibenzenofuran
Concen: 43.415 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	275806		
139	37.4		32.2	48.2
169	13.3		10.6	16.0

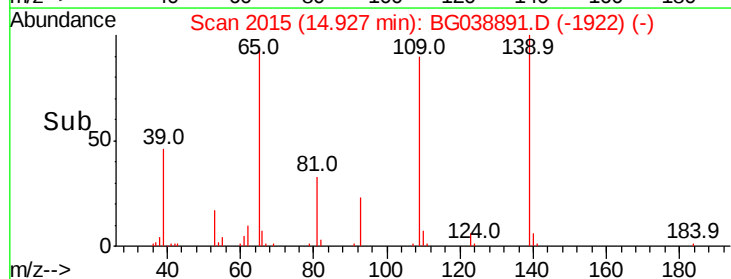
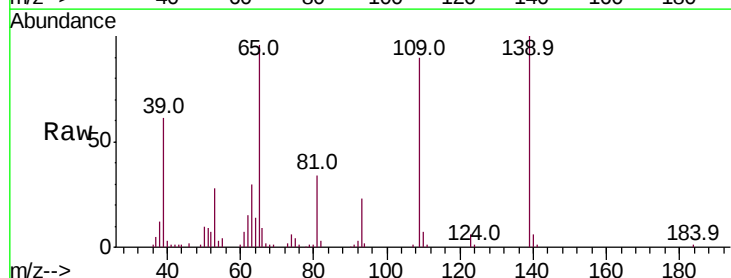
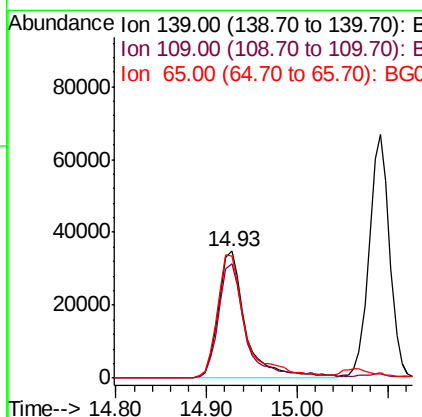
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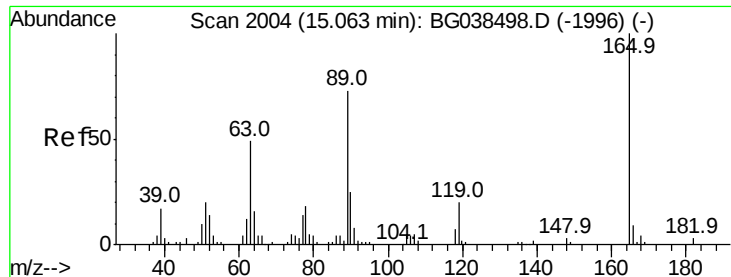
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#56
4-Nitrophenol
Concen: 79.208 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	72574		
109	90.0		73.6	113.6
65	95.8		84.8	124.8





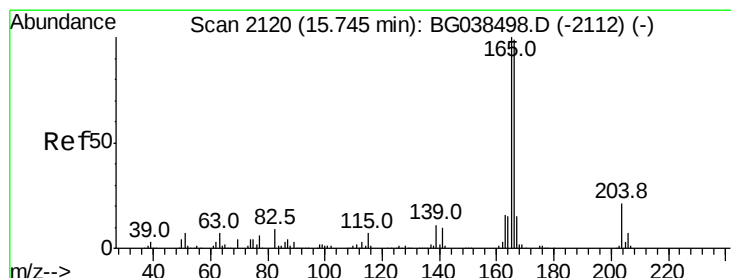
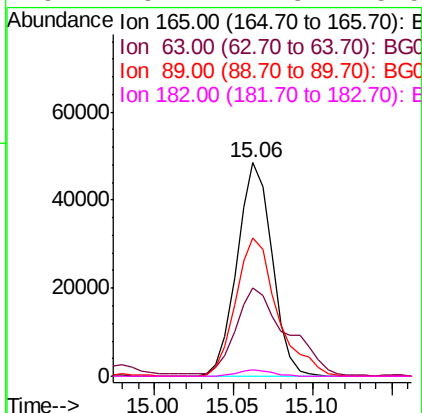
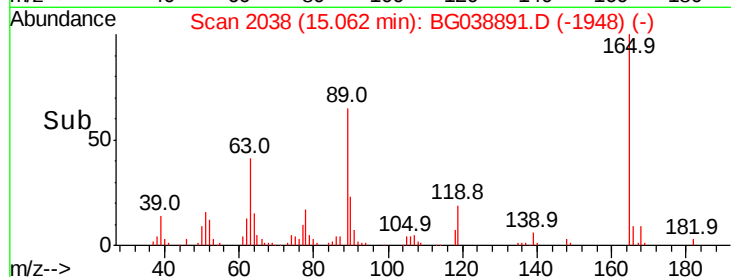
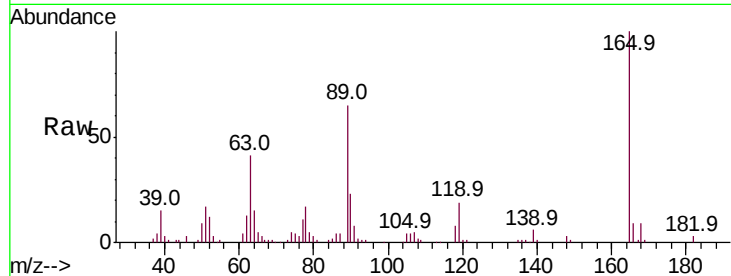
#57
 2,4-Dinitrotoluene
 Concen: 44.503 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.4	39.0	58.4	
89	64.5	58.0	87.0	
182	3.1	2.3	3.5	

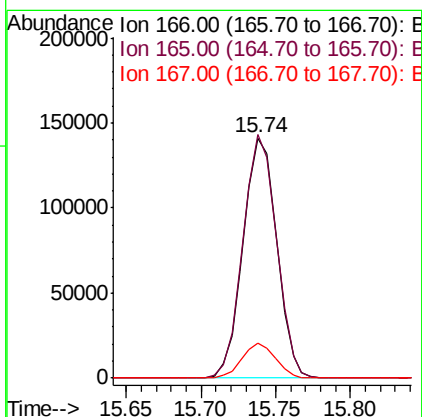
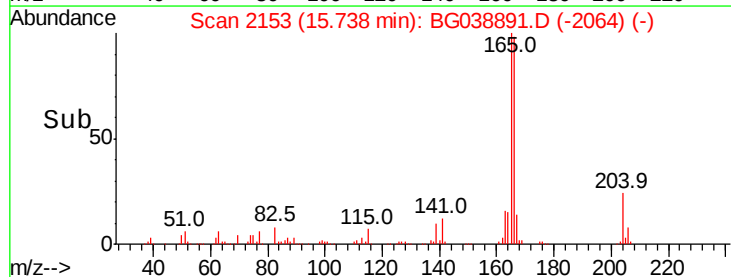
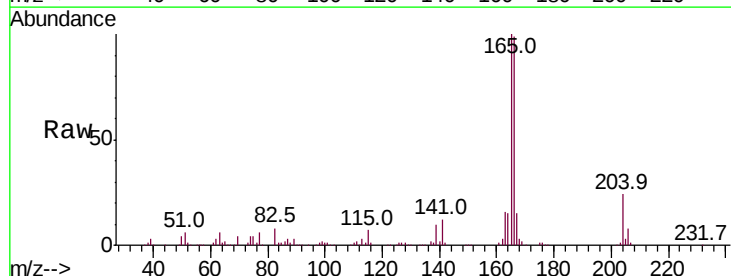
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#58
 Fluorene
 Concen: 46.855 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.3	80.6	120.8	
167	14.7	12.0	18.0	





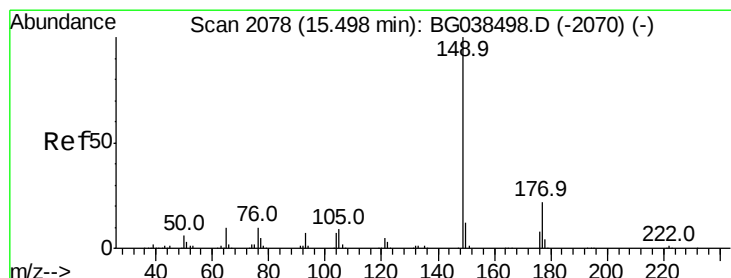
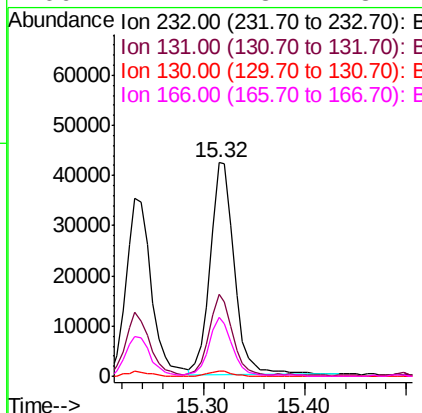
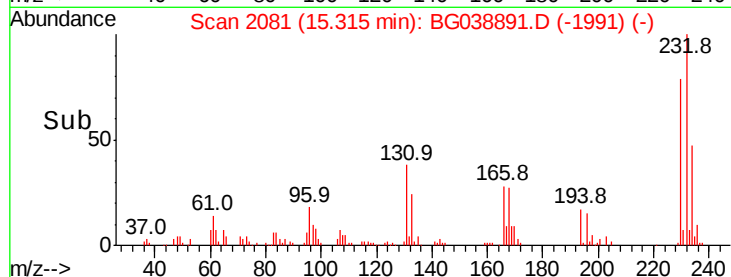
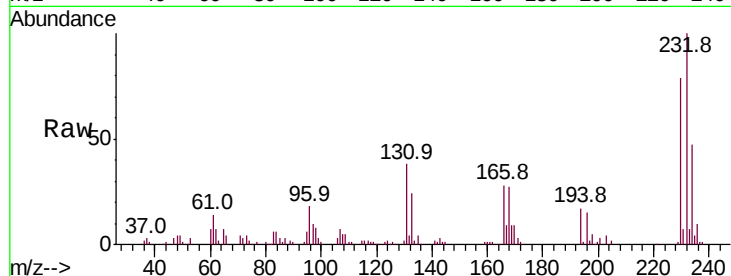
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.240 ng
RT: 15.32 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	70419		
131	37.7		33.0	49.4
130	2.4		2.0	3.0
166	27.7		23.1	34.7

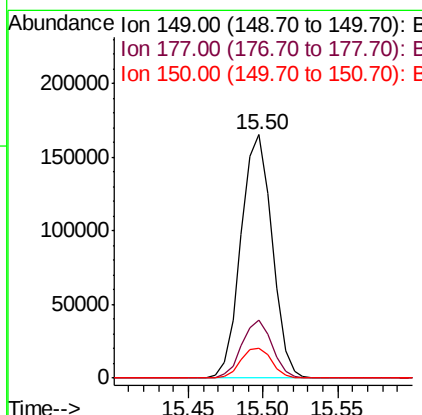
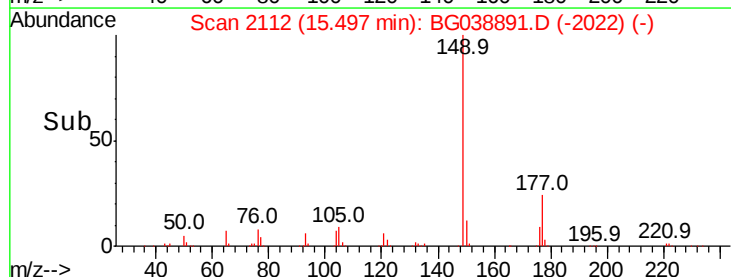
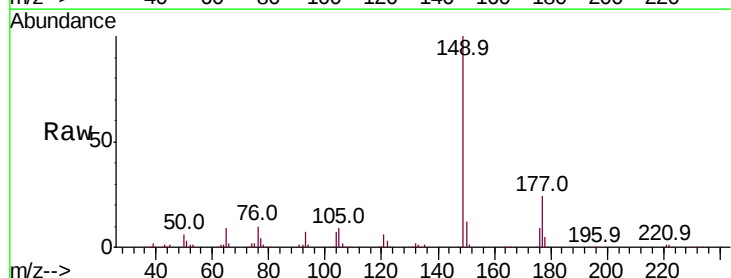
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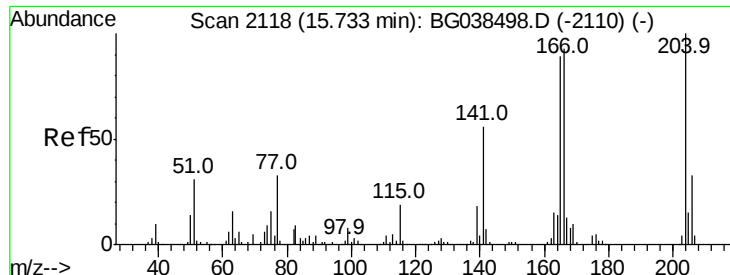
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#60
Diethylphthalate
Concen: 41.521 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	238311		
177	24.1		17.7	26.5
150	12.3		9.9	14.9





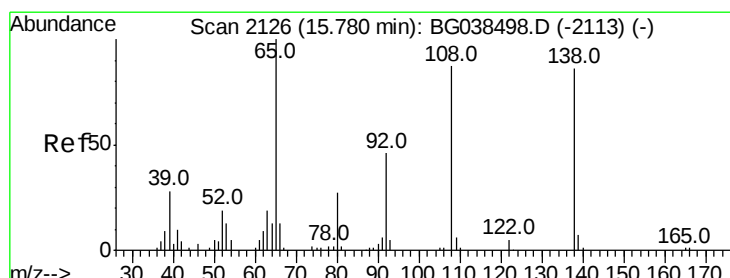
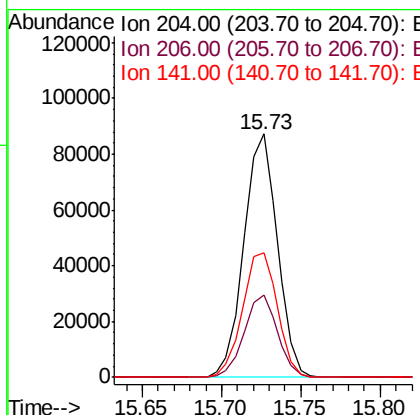
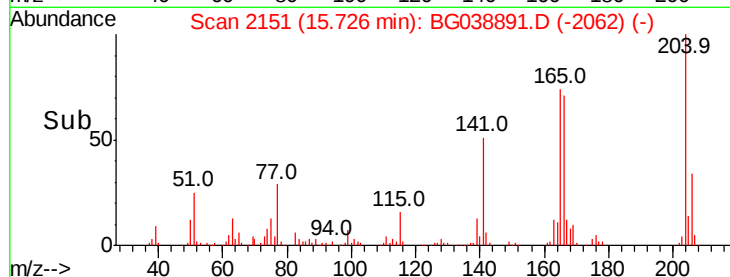
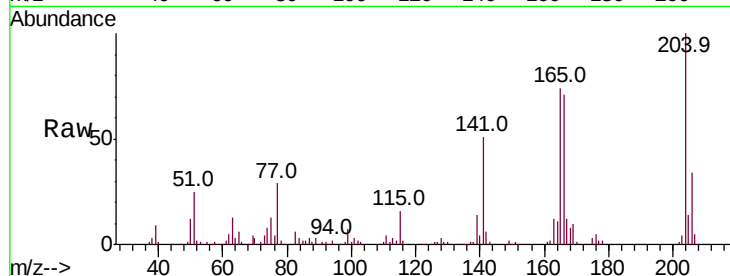
#61
4-Chlorophenyl-phenylether
Concen: 43.604 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.0	39.0
141	51.1	44.4	66.6

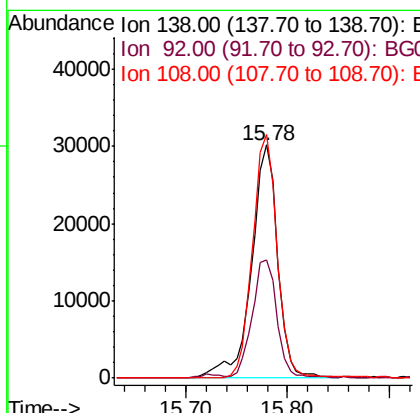
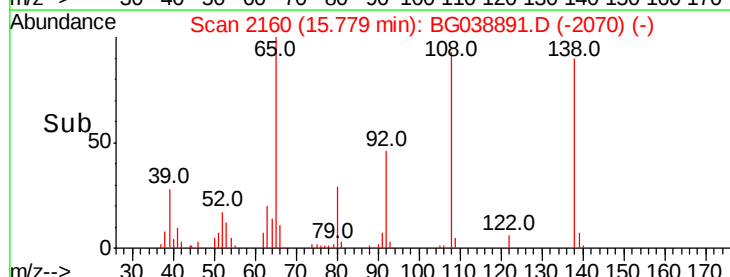
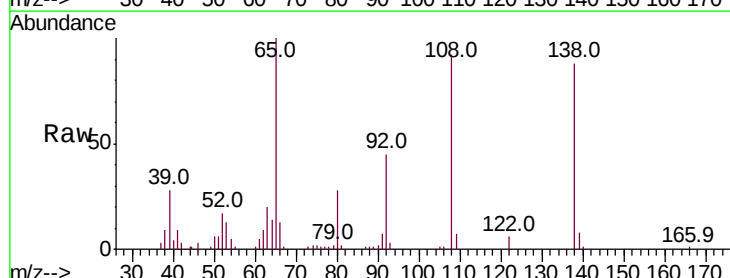
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#62
4-Nitroaniline
Concen: 43.646 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	33.3	73.3
108	104.6	81.4	121.4





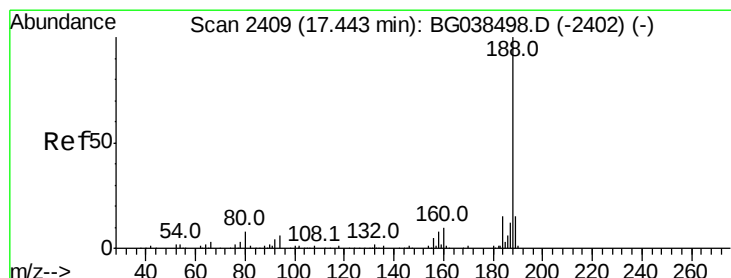
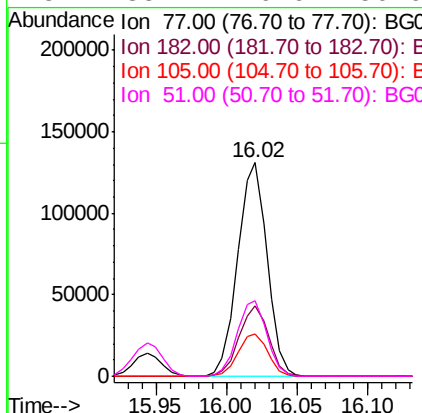
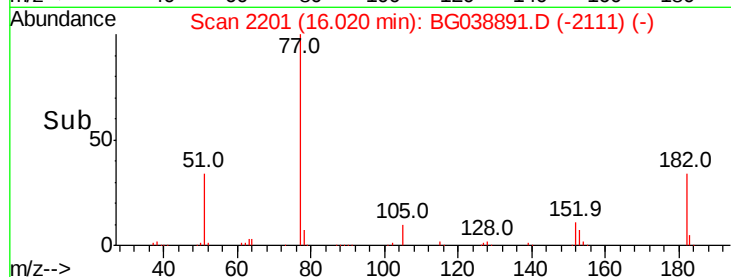
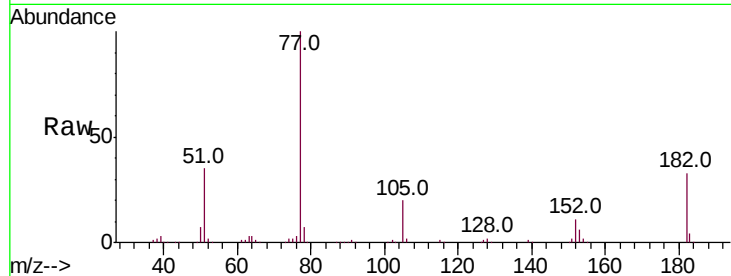
#63
Azobenzene
Concen: 39.838 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	191013		
182	32.7	8.7	48.7	
105	19.7	0.0	38.7	
51	35.4	16.6	56.6	

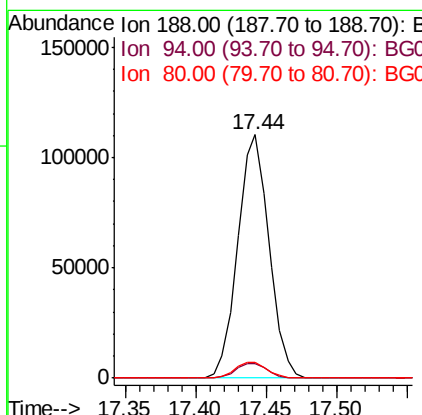
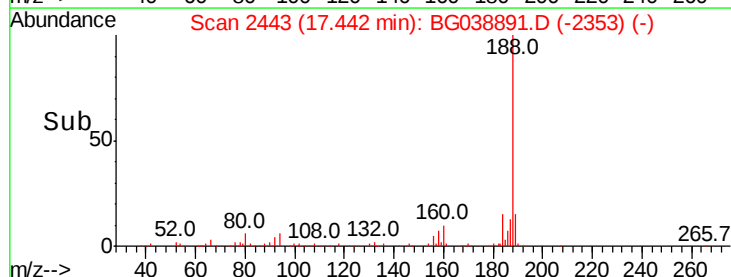
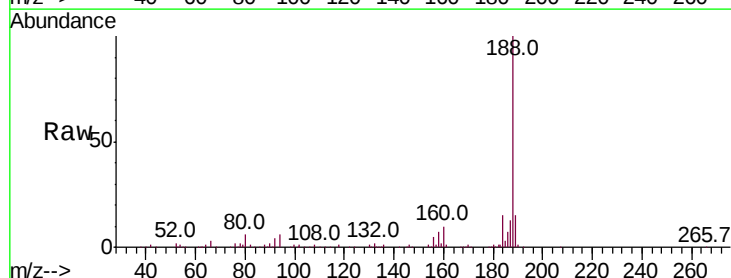
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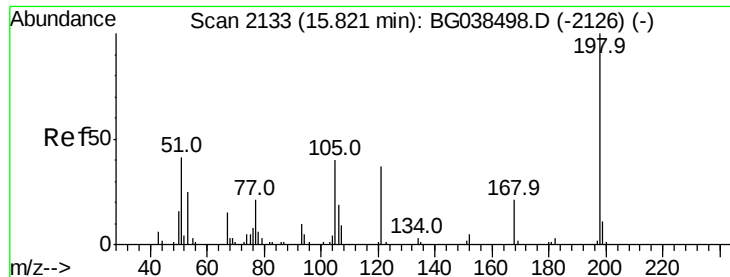
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	170969		
94	5.8	5.1	7.7	
80	6.5	6.1	9.1	





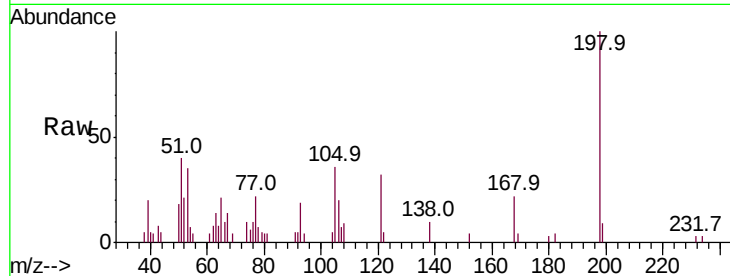
#65
4,6-Dinitro-2-methylphenol
Concen: 7.525 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

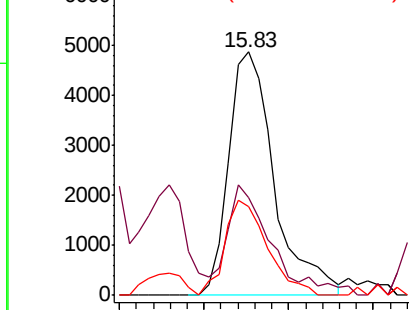
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	28.6	68.6
105	36.2	20.4	60.4

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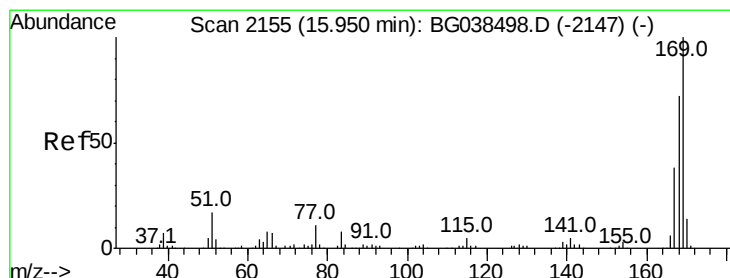
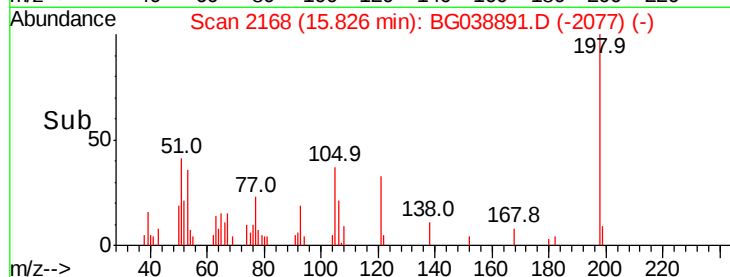
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



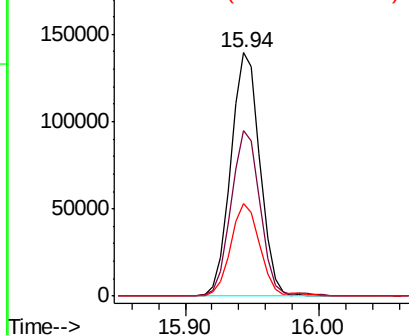
Time--> 15.75 15.80 15.85 15.90



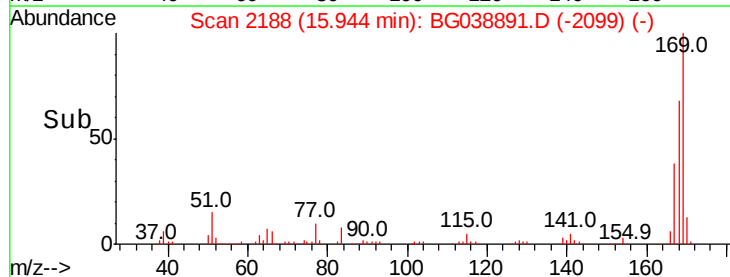
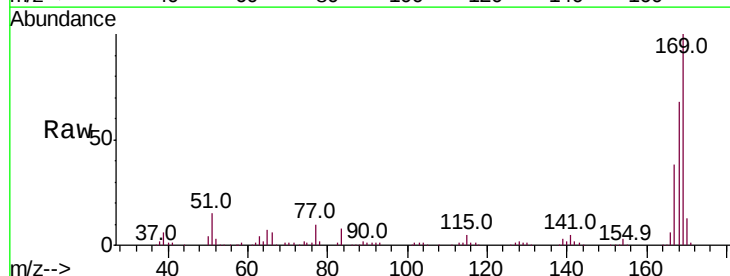
#66
n-Nitrosodiphenylamine
Concen: 41.981 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	57.5	86.3
167	37.9	30.2	45.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.90 16.00





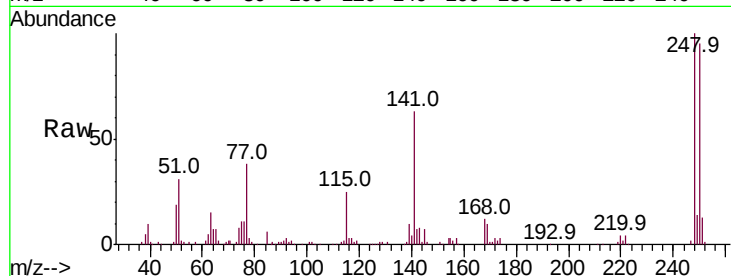
#67
 4-Bromophenyl-phenylether
 Concen: 42.331 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	73.4	110.2
141	62.9	52.9	79.3

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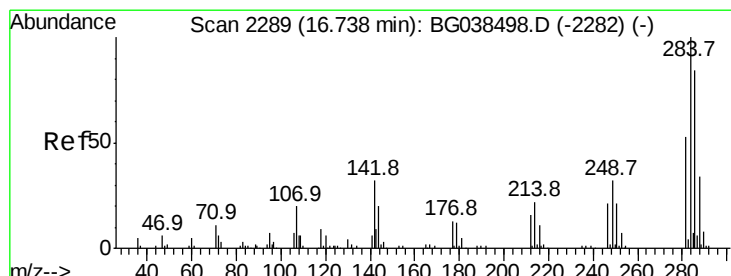
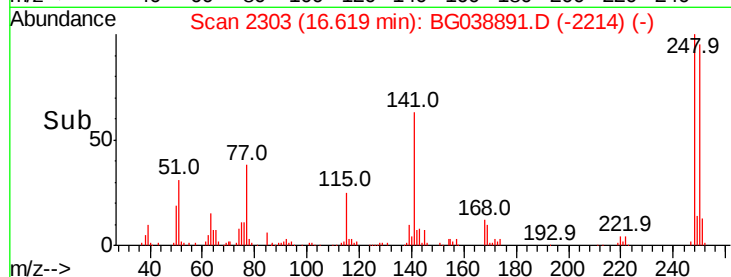
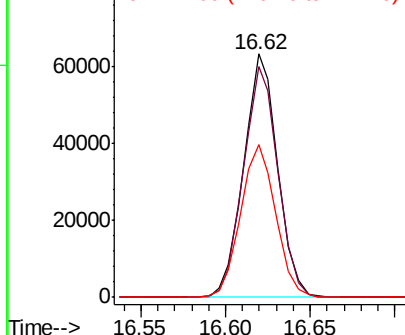


Abundance

Ion 248.00 (247.70 to 248.70): E

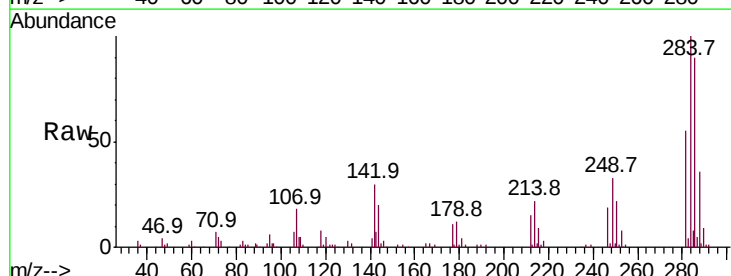
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.632 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	25.8	38.6
249	35.0	27.0	40.4

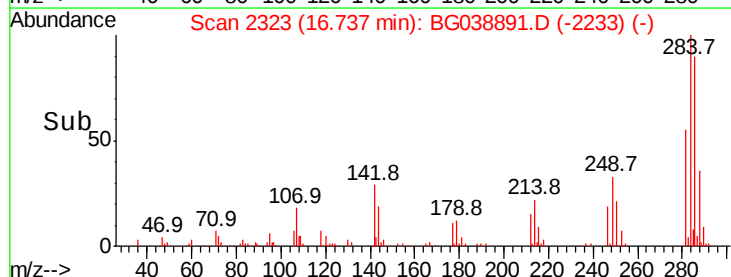
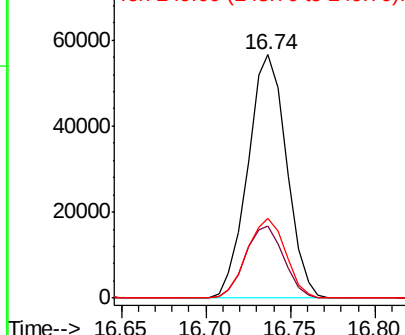


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





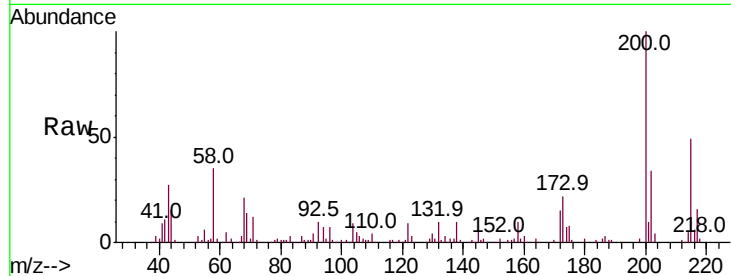
#69
 Atrazine
 Concen: 46.217 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	5.9	45.9
215	48.9	33.1	73.1

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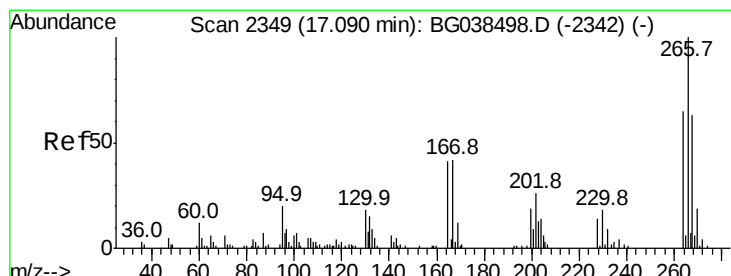
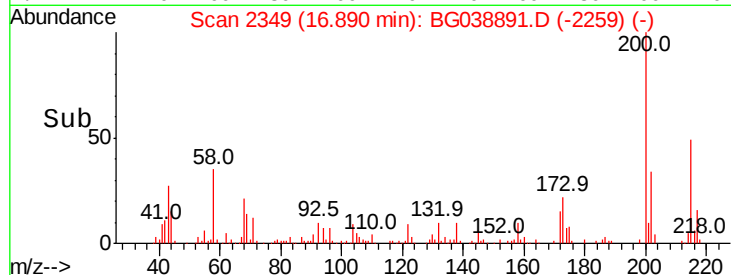
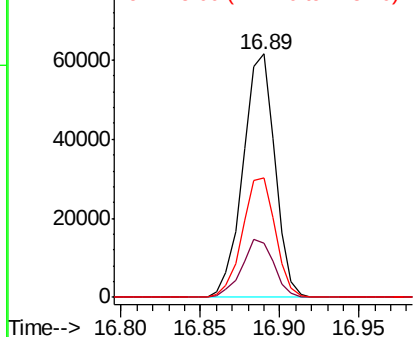


Abundance

Ion 200.00 (199.70 to 200.70): E

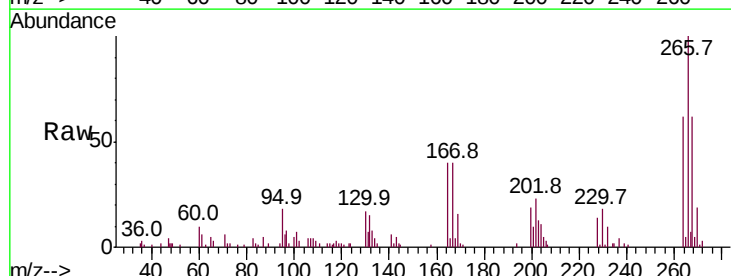
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 29.217 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	55.0	82.6
264	67.6	56.7	85.1

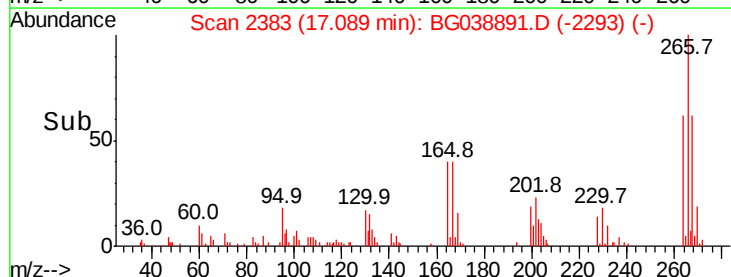
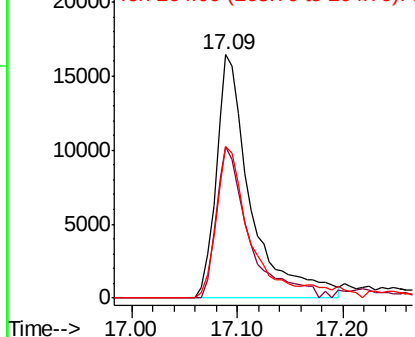


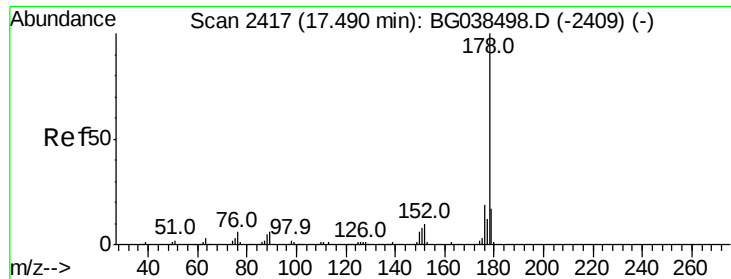
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





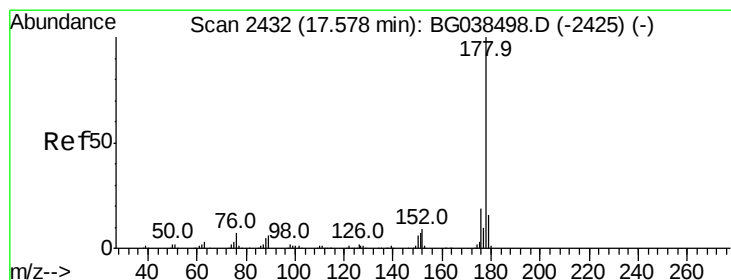
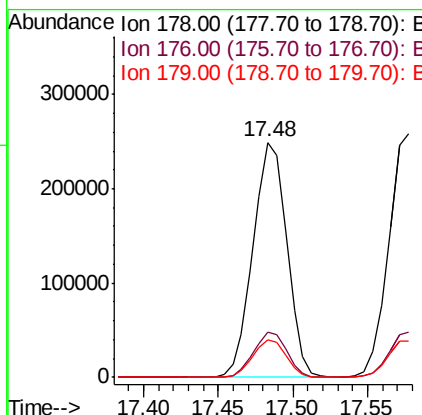
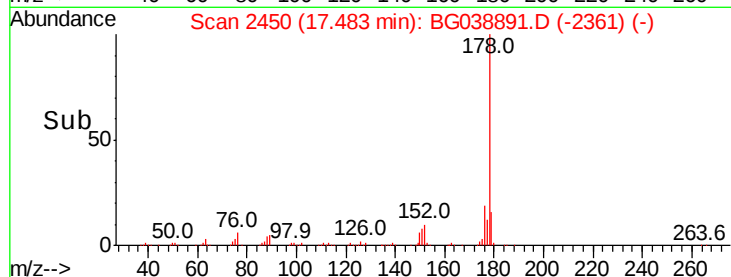
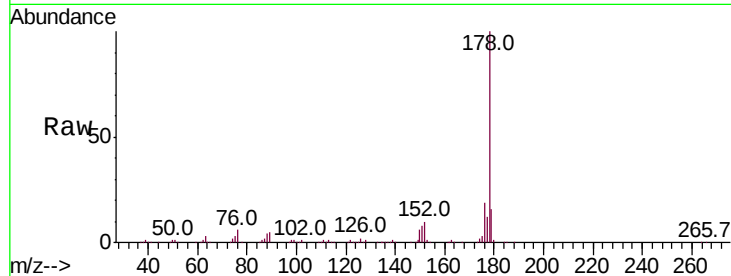
#71
Phenanthrene
Concen: 44.045 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.1	13.2	19.8

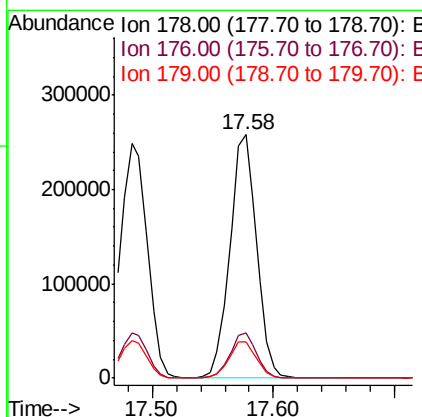
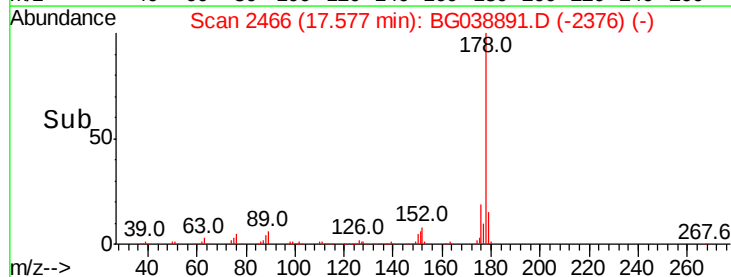
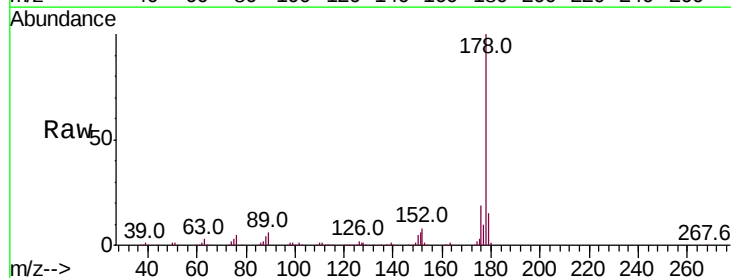
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#72
Anthracene
Concen: 45.310 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.1	12.9	19.3





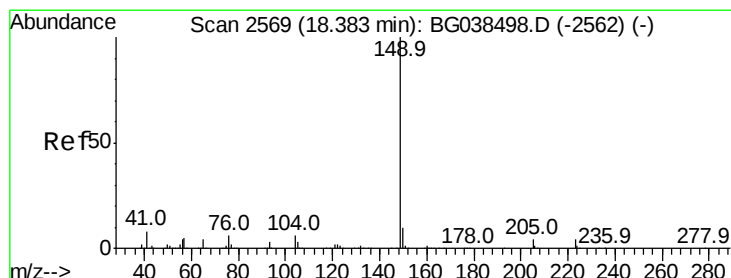
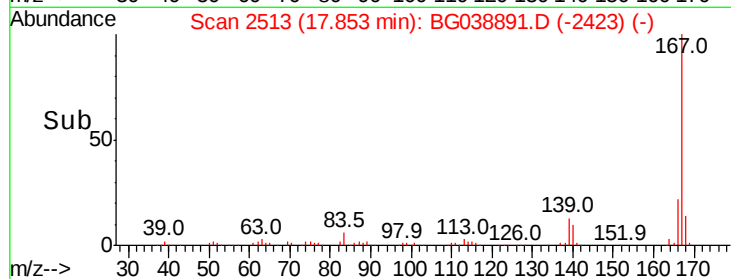
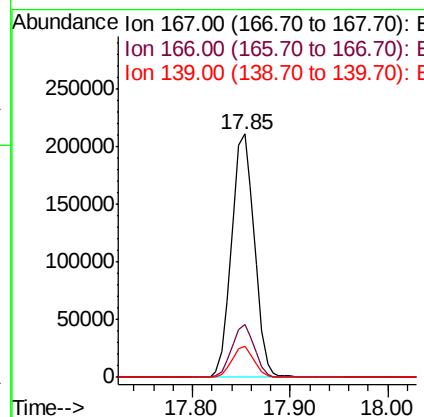
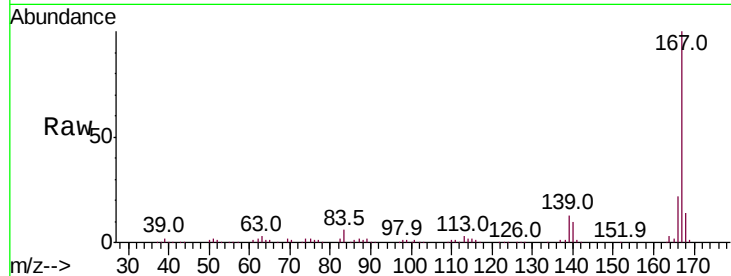
#73
 Carbazole
 Concen: 39.716 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleID :
 PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7	17.9	26.9	
139	12.6	10.2	15.2	

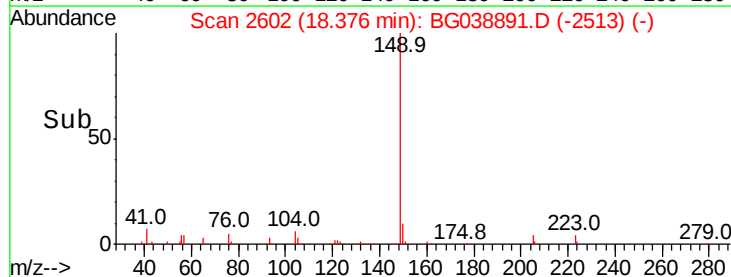
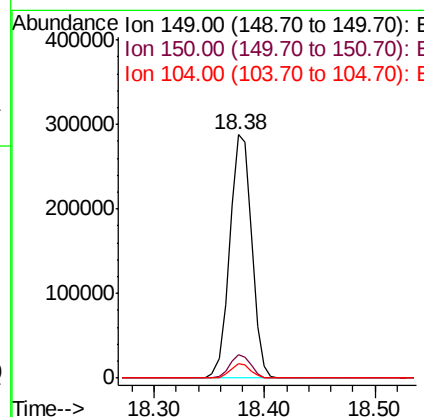
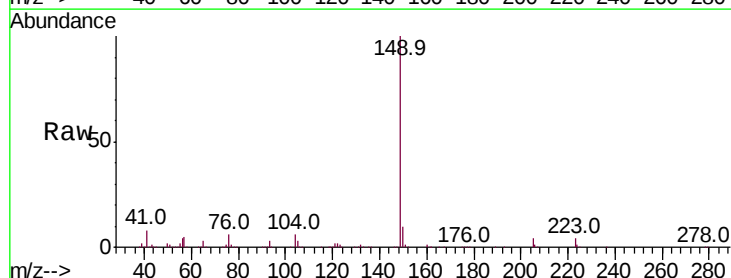
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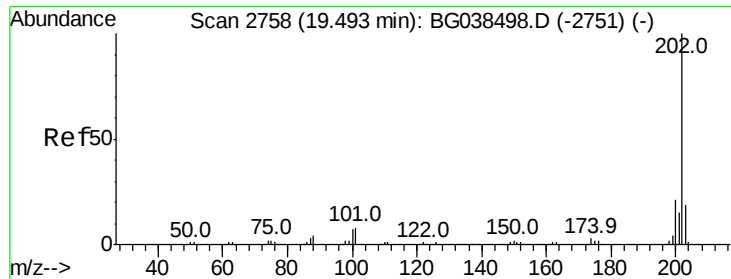
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#74
 Di-n-butylphthalate
 Concen: 40.430 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.8	7.6	11.4	
104	5.8	5.0	7.4	





#75

Fluoranthene

Concen: 43.296 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

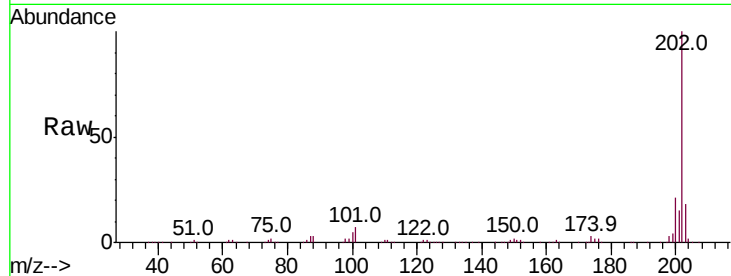
ClientSampleId :

PB116049BS

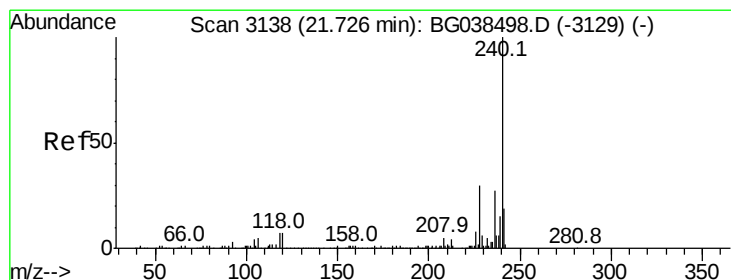
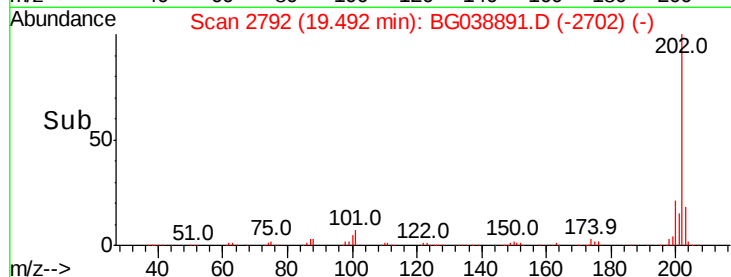
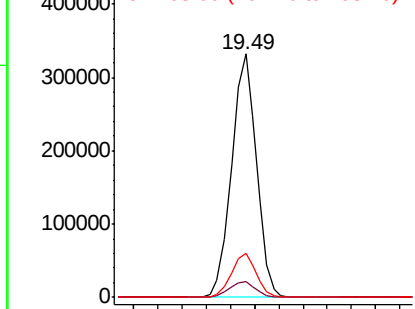
Tot Ion:	202	Resp:	474939
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	28.1
203	18.0	0.0	39.0

Manual Integrations
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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

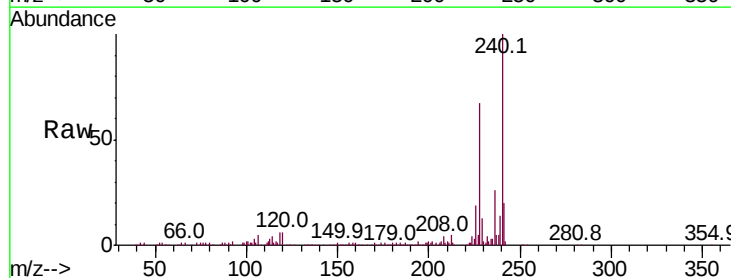
RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

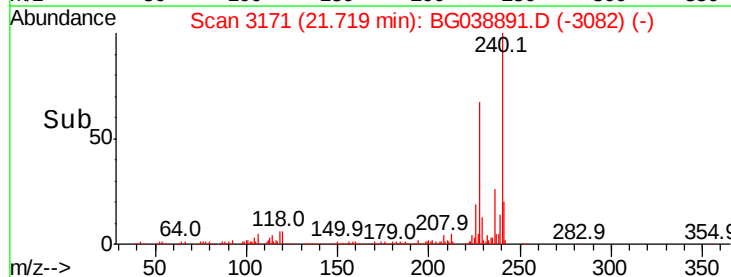
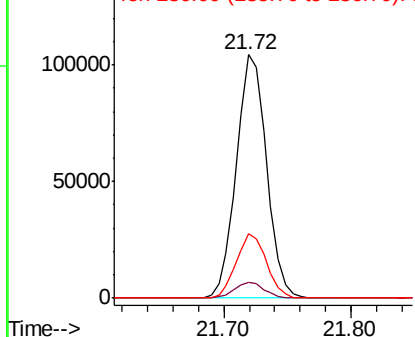
Lab File: BG038891.D

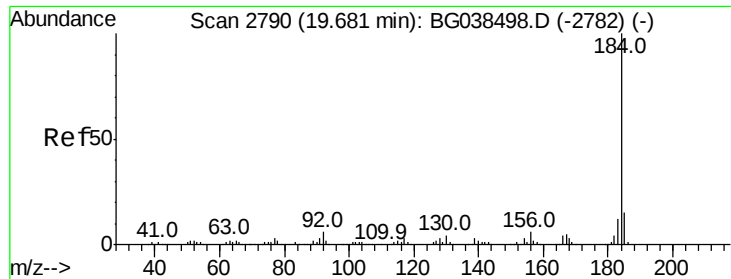
Acq: 29 Dec 2018 2:21

Tgt Ion:	240	Resp:	171803
Ion Ratio	Lower	Upper	
240	100		
120	6.3	5.3	7.9
236	26.3	21.4	32.2



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: 32.942 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

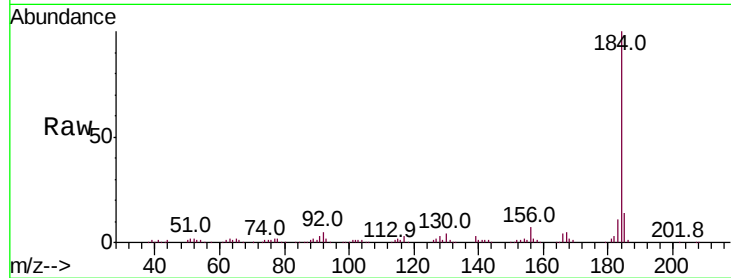
ClientSampleId :

PB116049BS

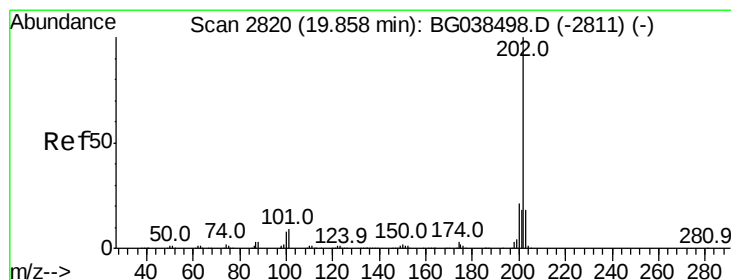
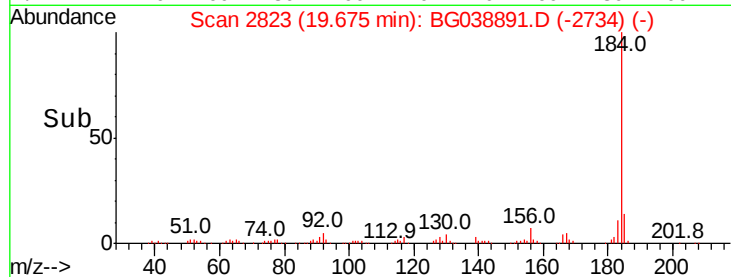
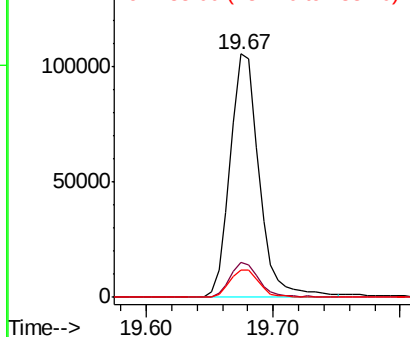
Tot Ion:	184	Resp:	167377
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.2
183	11.5	9.6	14.4

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



#78

Pyrene

Concen: 42.546 ng

RT: 19.86 min Scan# 2854

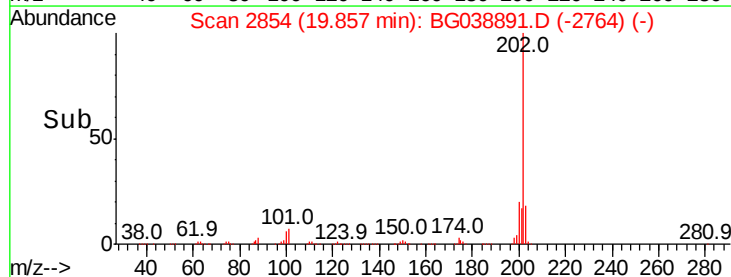
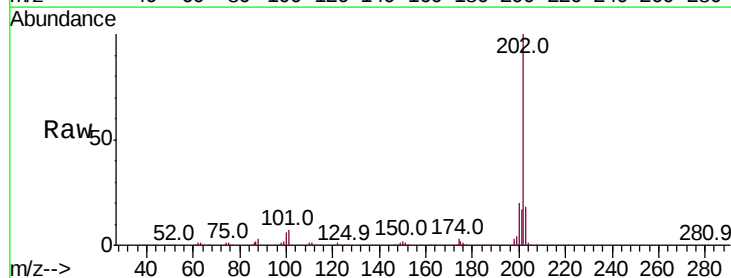
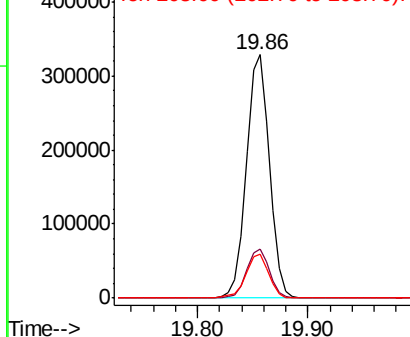
Delta R.T. -0.00 min

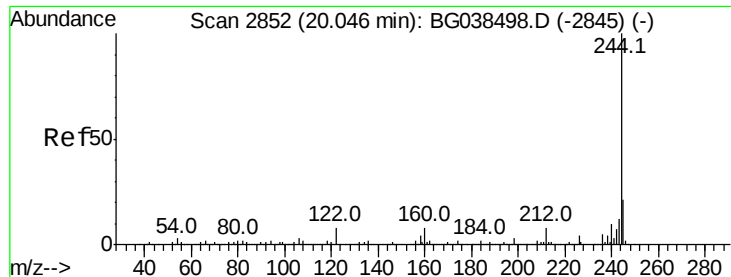
Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:	202	Resp:	482893
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	25.0
203	18.0	14.6	21.8

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





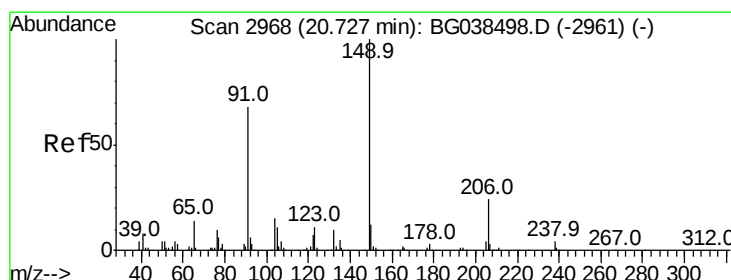
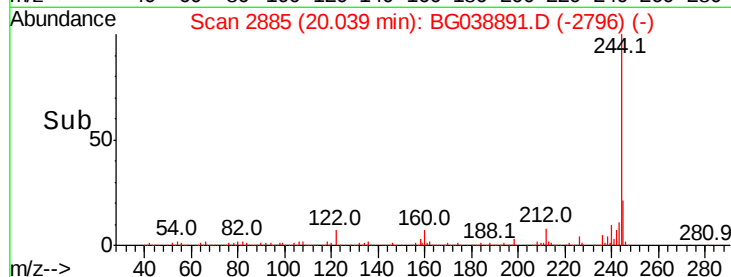
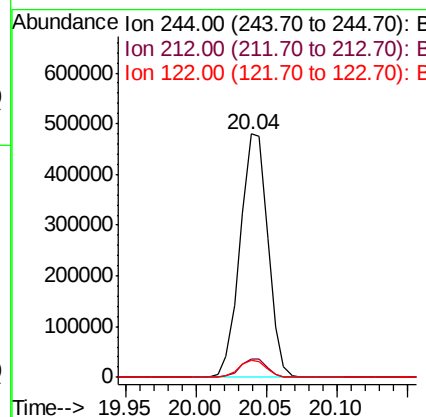
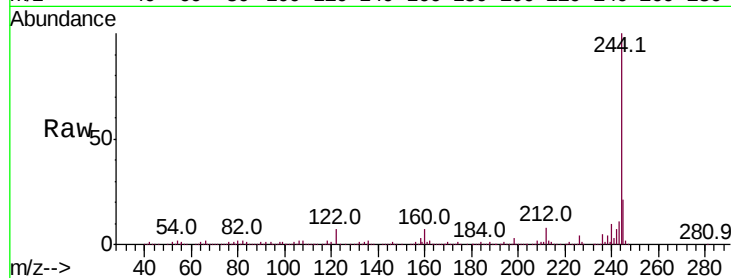
#79
 Terphenyl-d14
 Concen: 83.686 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.7	6.2	9.2	
122	7.2	6.3	9.5	

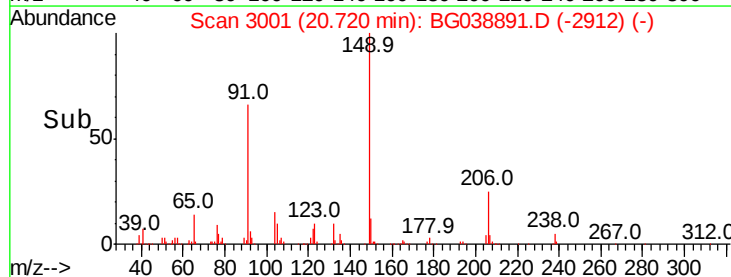
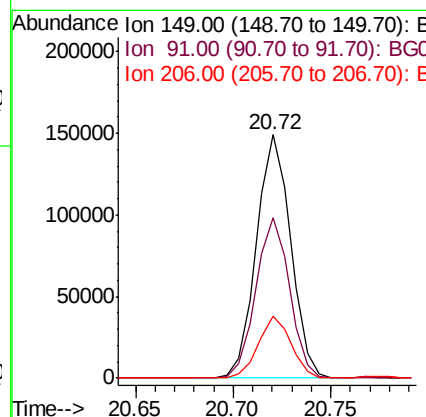
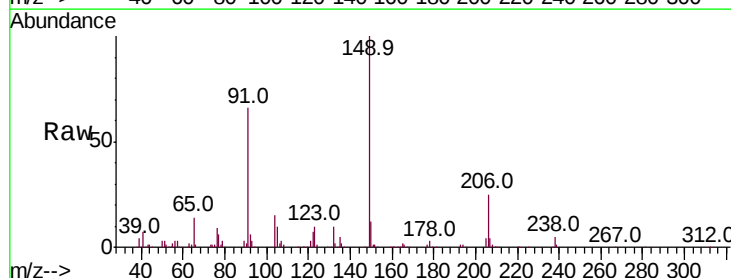
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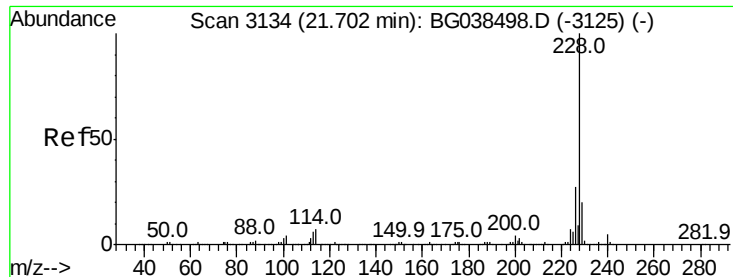
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#80
 Butylbenzylphthalate
 Concen: 40.930 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	65.8	54.5	81.7	
206	25.4	19.0	28.6	





#81

Benzo(a)anthracene

Concen: 44.950 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

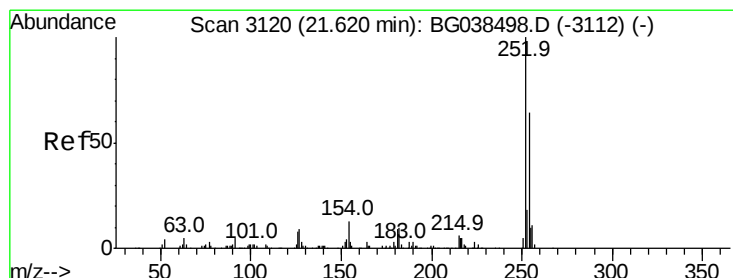
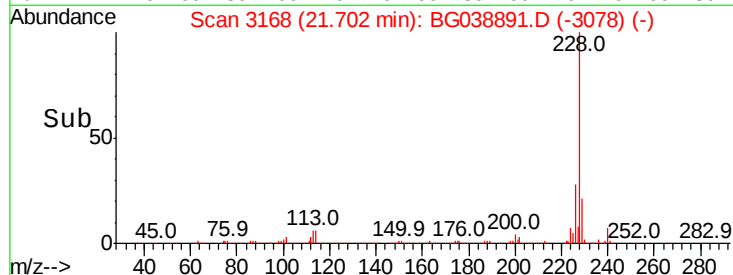
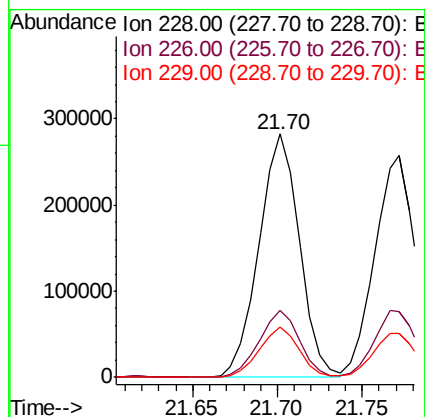
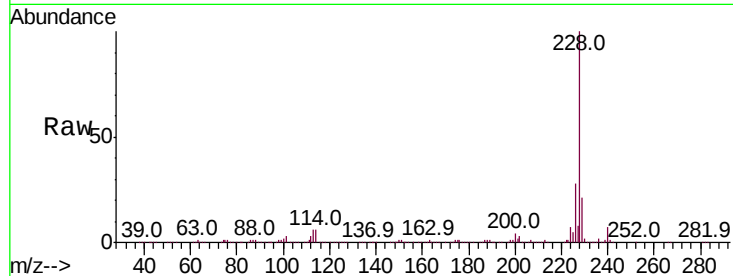
ClientSampleId :

PB116049BS

Tot Ion:	228	Resp:	470577
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.8
229	20.5	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 33.362 ng

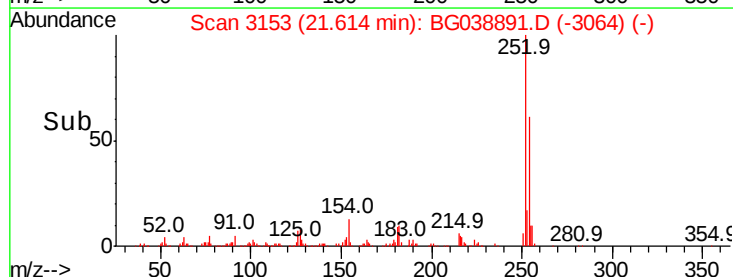
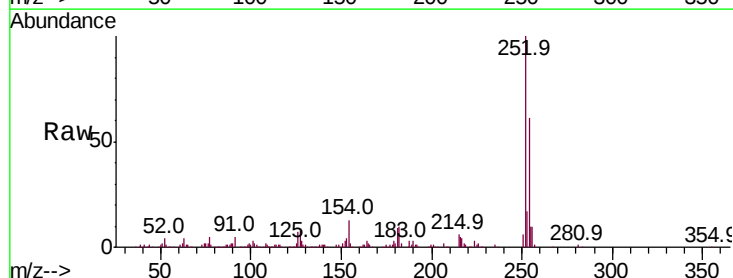
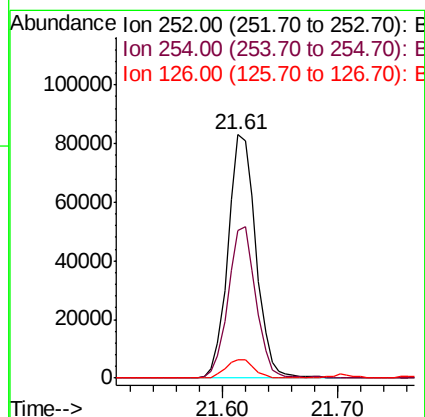
RT: 21.61 min Scan# 3153

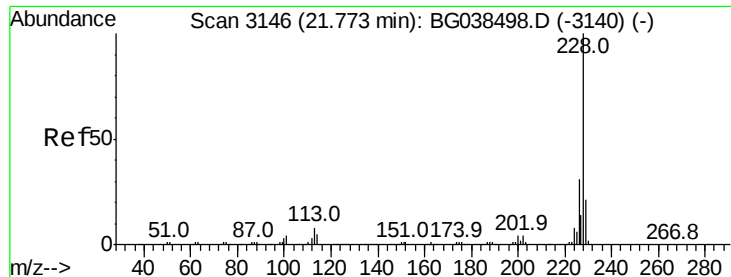
Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:	252	Resp:	138518
Ion Ratio	Lower	Upper	
252	100		
254	60.8	50.9	76.3
126	7.3	6.3	9.5





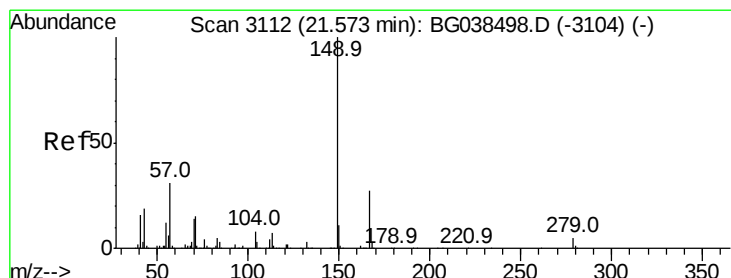
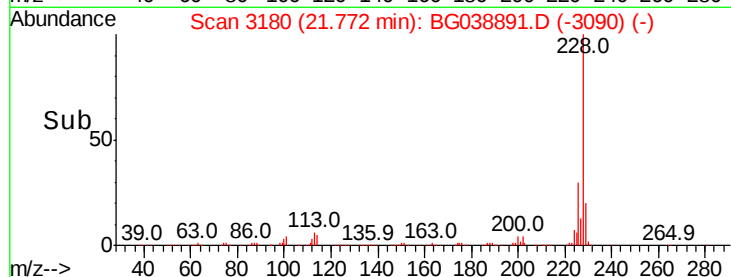
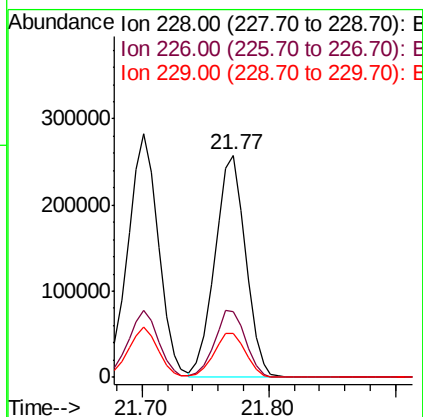
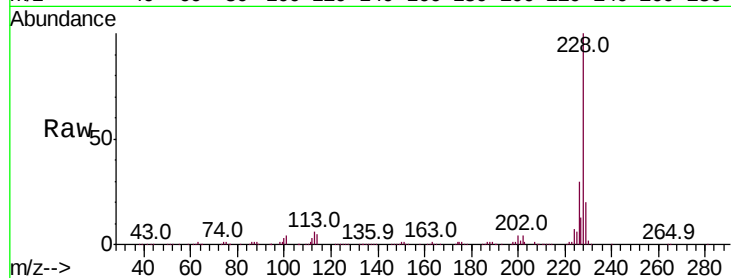
#83
 Chrysene
 Concen: 42.922 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116049BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	432803		
226	29.8		25.0	37.4
229	20.0		16.5	24.7

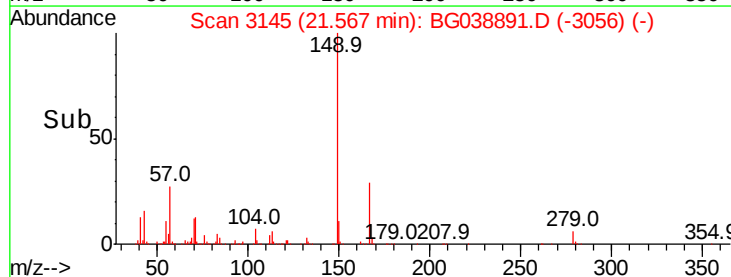
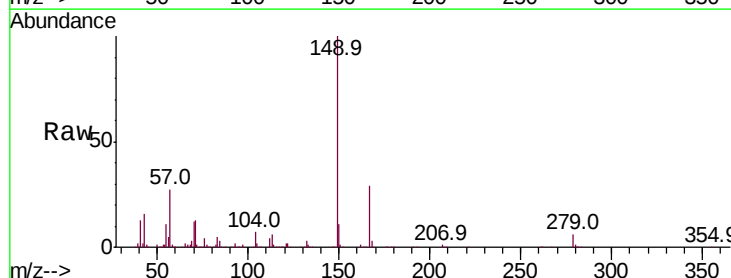
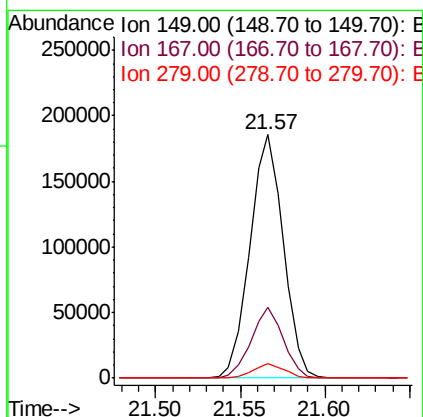
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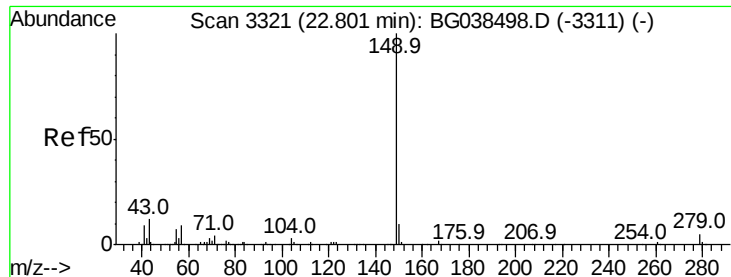
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.684 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	255859		
167	29.2		21.9	32.9
279	5.8		4.2	6.2





#85

Di-n-octyl phthalate

Concen: 41.457 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

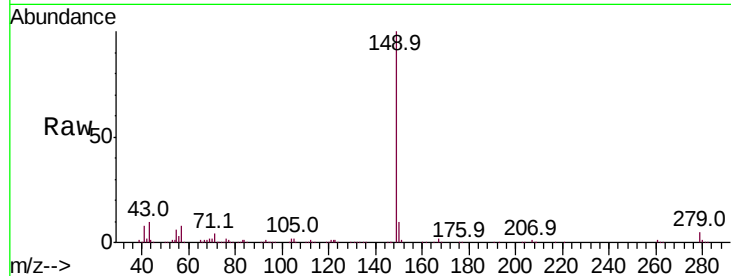
ClientSampleId :

PB116049BS

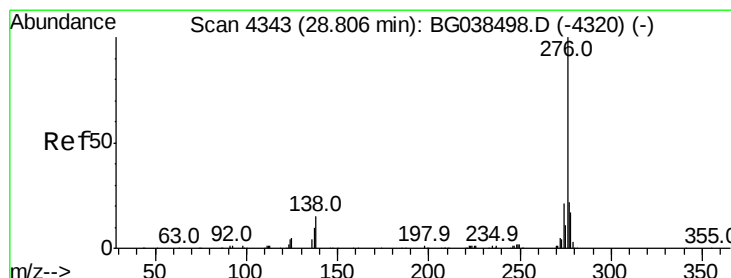
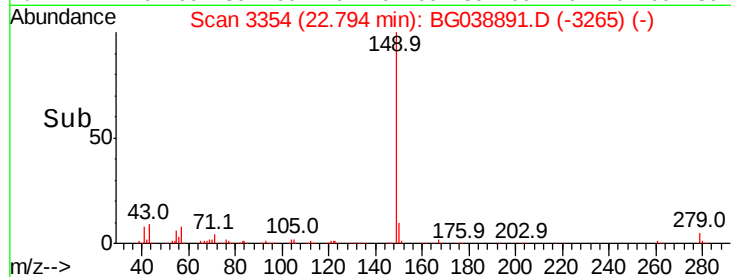
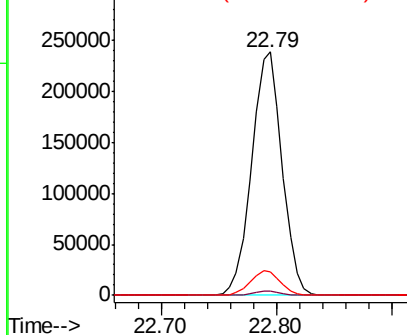
Tot Ion:	149	Resp:	436637
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.9	9.3	13.9

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.554 ng

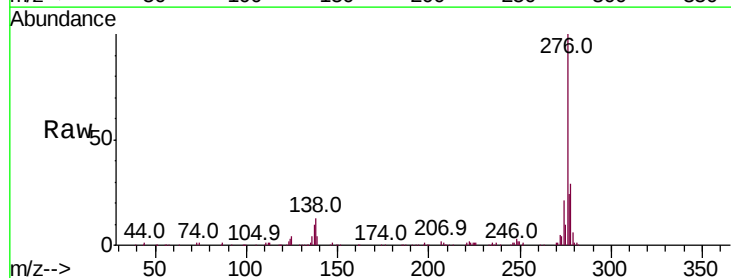
RT: 28.82 min Scan# 4379

Delta R.T. 0.01 min

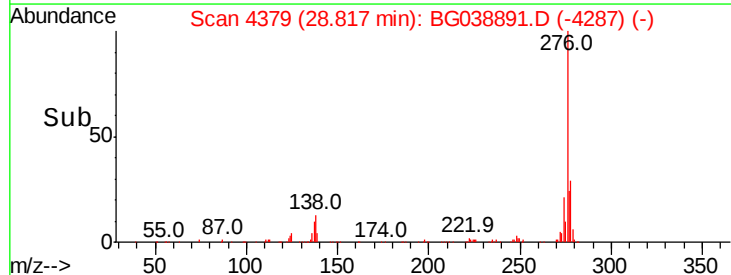
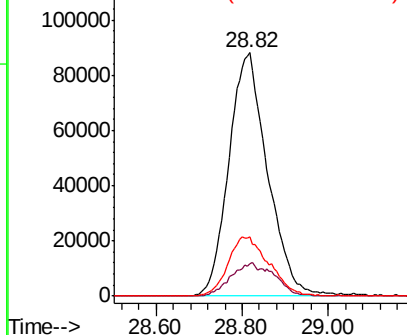
Lab File: BG038891.D

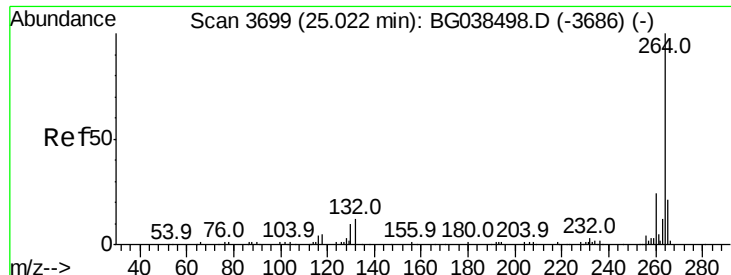
Acq: 29 Dec 2018 2:21

Tgt Ion:	276	Resp:	551888
Ion Ratio	Lower	Upper	
276	100		
138	10.8	14.4	21.6#
277	0.0	0.0	0.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

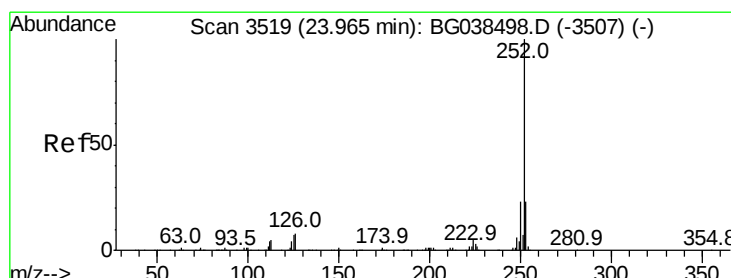
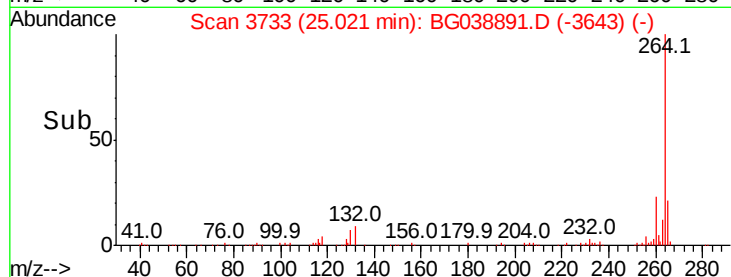
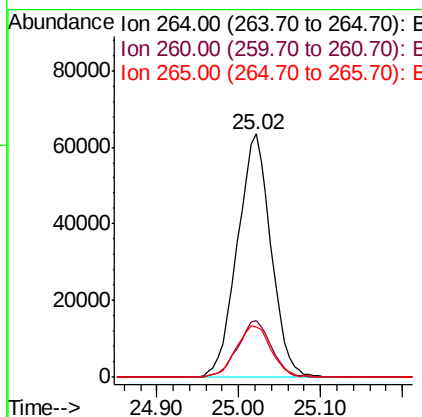
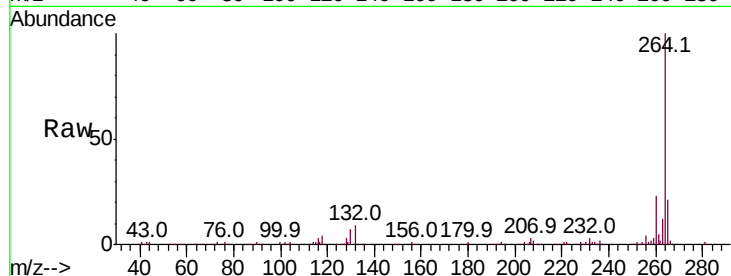
ClientSampleId :

PB116049BS

Tot Ion:	264	Resp:	180930
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.9	28.3
265	20.7	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 47.844 ng

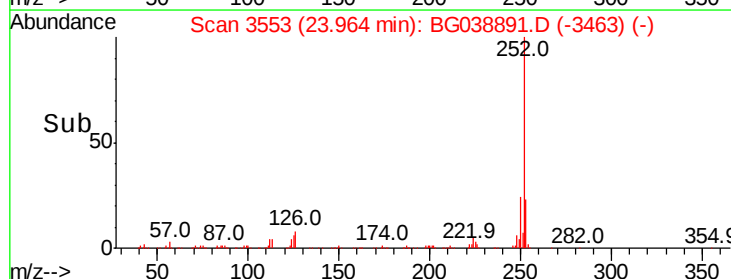
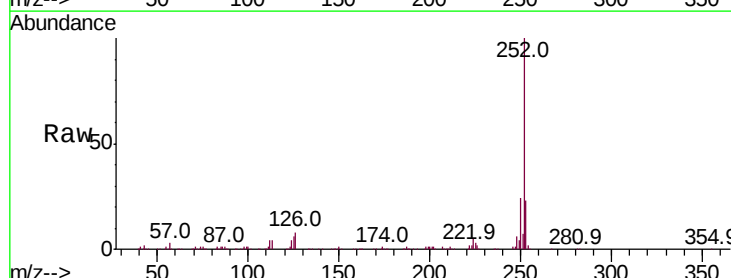
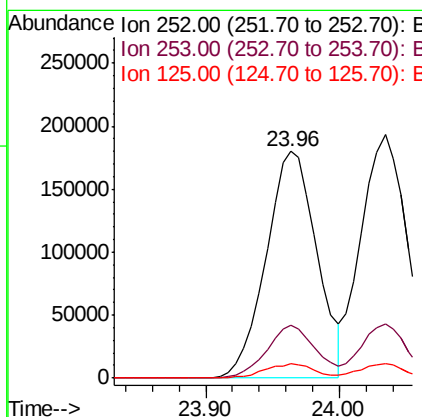
RT: 23.96 min Scan# 3553

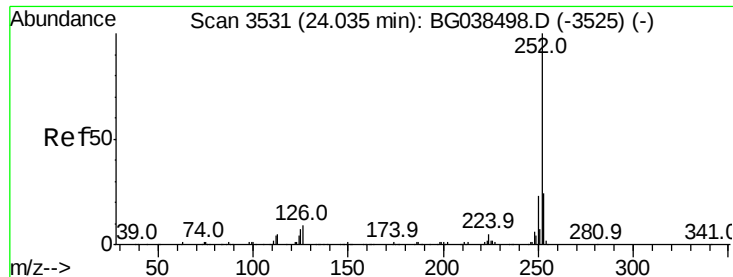
Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:	252	Resp:	475273
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	6.3	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 46.679 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

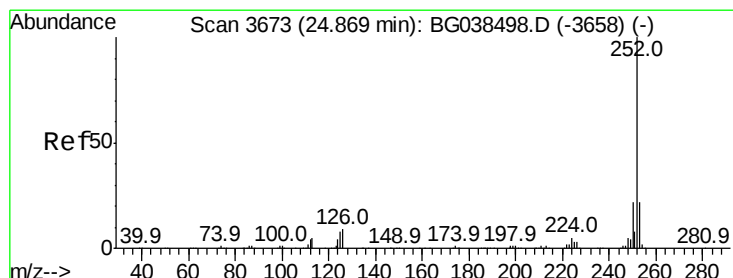
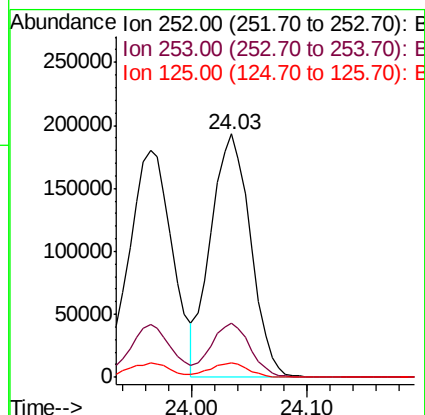
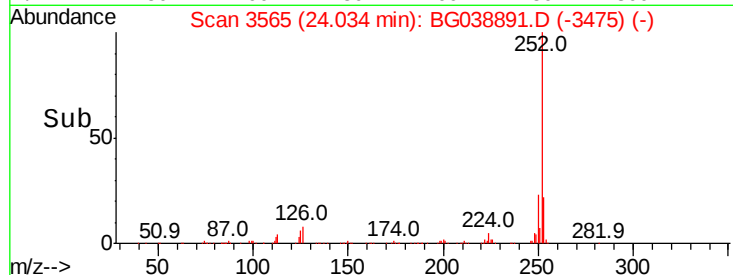
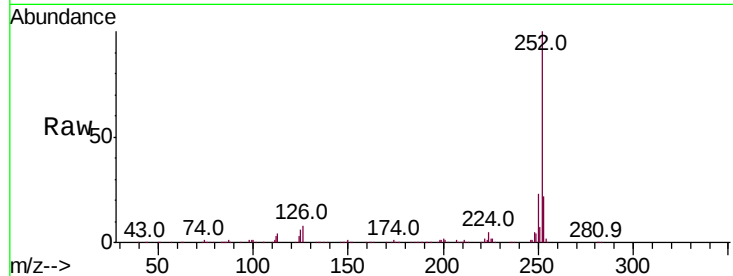
ClientSampleId :

PB116049BS

Tot Ion:	252	Resp:	461745
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.9	28.3
125	5.8	5.4	8.2

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#90

Benzo(a)pyrene

Concen: 47.944 ng

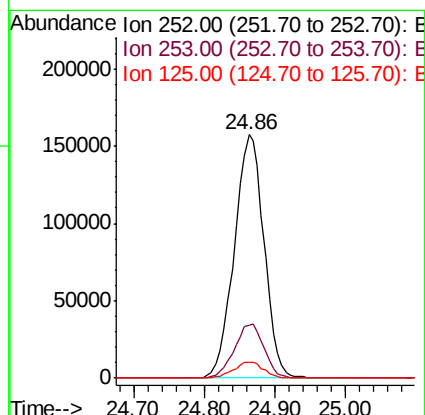
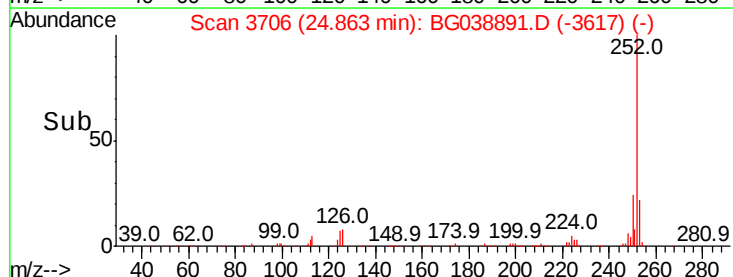
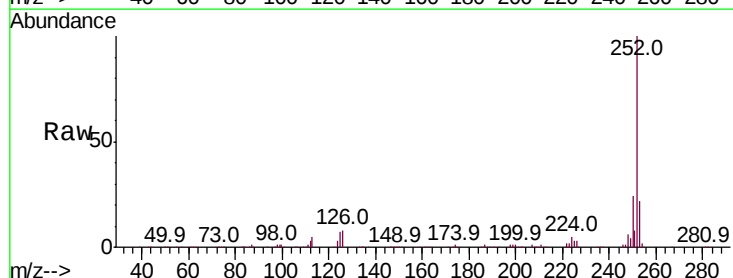
RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:	252	Resp:	459473
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.0
125	6.7	6.4	9.6





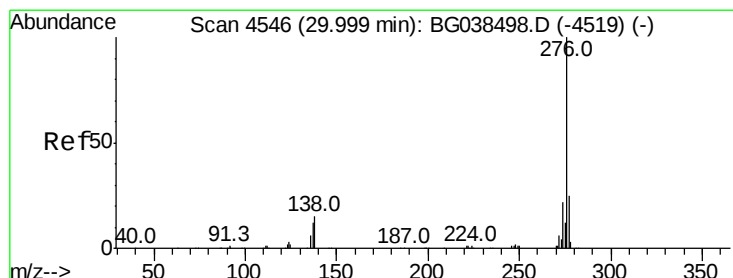
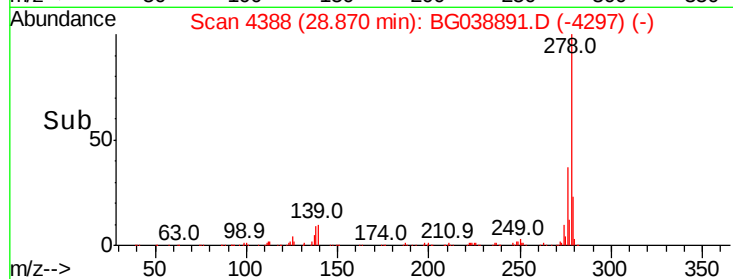
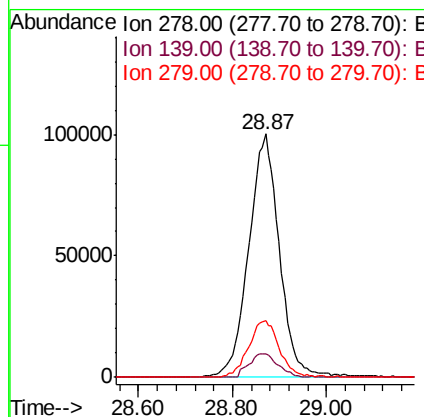
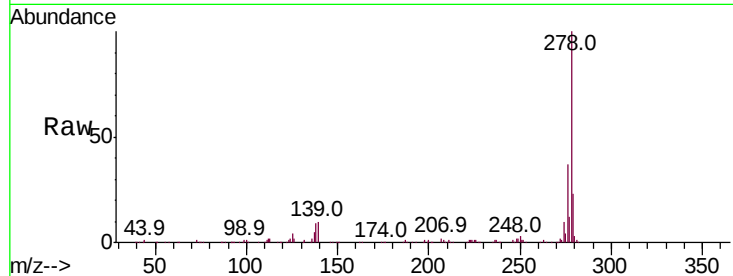
#91
Dibenzo(a,h)anthracene
Concen: 47.612 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :
PB116049BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.6	12.8
279	23.2	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 47.744 ng
RT: 30.00 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	13.2	11.8	17.6

