

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038934.D
 Acq On : 4 Jan 2019 17:51
 Operator : JU/SJ
 Sample : K1017-26MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Manual Integrations
 APPROVED

Sohil
 1/7/2019 12:48:13 PM

Quant Time: Jan 04 23:00:12 2019
 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	24522	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	99126	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	71621	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	181026	20.00	ng	0.00
76) Chrysene-d12	21.71	240	179695	20.00	ng	-0.01
87) Perylene-d12	25.00	264	194021	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	168879	122.15	ng	0.00
7) Phenol-d6	7.21	99	217212	114.44	ng	0.00
23) Nitrobenzene-d5	9.23	82	158661	81.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	154820	156.85	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	436177	83.55	ng	-0.01
79) Terphenyl-d14	20.04	244	819175	99.21	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.48	88	16390	25.472	ng	99
3) Pyridine	3.88	79	35710	20.157	ng	# 88
4) n-Nitrosodimethylamine	3.80	42	30540	35.182	ng	92
6) Aniline	7.37	93	26012	10.736	ng	95
8) 2-Chlorophenol	7.61	128	66767	41.731	ng	99
9) Benzaldehyde	7.19	77	29918	24.299	ng	90
10) Phenol	7.24	94	72083	35.748	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	55101	34.322	ng	96
12) 1,3-Dichlorobenzene	7.93	146	67240	35.544	ng	96
13) 1,4-Dichlorobenzene	8.08	146	69043	35.636	ng	95
14) 1,2-Dichlorobenzene	8.40	146	67866	37.155	ng	97
15) Benzyl Alcohol	8.29	79	61775	41.699	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	117534	31.960	ng	95
17) 2-Methylphenol	8.49	107	57388	42.479	ng	97
18) Hexachloroethane	9.13	117	23586	33.315	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	49422	37.074	ng	99
20) 3+4-Methylphenols	8.82	107	78333	41.984	ng	97
22) Acetophenone	8.88	105	100346	40.528	ng	# 96
24) Nitrobenzene	9.27	77	76964	39.209	ng	94
25) Isophorone	9.78	82	145408	41.709	ng	# 94
26) 2-Nitrophenol	9.98	139	40977	40.787	ng	90
27) 2,4-Dimethylphenol	10.02	122	70422	48.910	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	81985	41.672	ng	99
29) 2,4-Dichlorophenol	10.51	162	80597	50.317	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	81632	42.191	ng	95
31) Naphthalene	10.91	128	215308	44.084	ng	99
32) Benzoic acid	10.17	122	33475m	39.016	ng	
33) 4-Chloroaniline	11.04	127	17513	8.259	ng	95
34) Hexachlorobutadiene	11.17	225	53716	41.030	ng	# 88
35) Caprolactam	11.82	113	18644m	28.125	ng	
36) 4-Chloro-3-methylphenol	12.15	107	84046	45.979	ng	92
37) 2-Methylnaphthalene	12.51	142	168908	48.476	ng	99
38) 1-Methylnaphthalene	12.74	142	163772	48.437	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	107045	39.984	ng	99

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 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)
41) Hexachlorocyclopentadiene	12.84	237	113480	77.154	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	75192	45.679	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	81156	46.565	nq	97
46) 1,1'-Biphenyl	13.52	154	231571	38.569	nq	98
47) 2-Chloronaphthalene	13.56	162	184862	39.859	nq	96
48) 2-Nitroaniline	13.78	65	58124	39.345	nq	89
49) Acenaphthylene	14.41	152	308142	44.443	nq	99
50) Dimethylphthalate	14.14	163	255727	43.723	nq	98
51) 2,6-Dinitrotoluene	14.27	165	57265	43.204	nq	91
52) Acenaphthene	14.75	154	177222	42.746	nq	98
53) 3-Nitroaniline	14.61	138	9395	6.953	nq	92
54) 2,4-Dinitrophenol	14.82	184	63769	80.804	nq	96
55) Dibenzofuran	15.09	168	303235	42.668	nq	96
56) 4-Nitrophenol	14.92	139	71932	70.178	nq	99
57) 2,4-Dinitrotoluene	15.06	165	80858	43.313	nq	93
58) Fluorene	15.73	166	245886	46.699	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78617	50.138	nq	97
60) Diethylphthalate	15.49	149	259838	40.469	nq	96
61) 4-Chlorophenyl-phenylether	15.71	204	139848	42.569	nq	100
62) 4-Nitroaniline	15.77	138	54142	38.923	nq	97
63) Azobenzene	16.01	77	208915	38.949	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	52674	40.790	nq	88
66) n-Nitrosodiphenylamine	15.94	169	223065	41.938	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	96835	43.800	nq	96
68) Hexachlorobenzene	16.73	284	100966	44.055	nq	95
69) Atrazine	16.88	200	90844	46.022	nq	97
70) Pentachlorophenol	17.08	266	110304	81.371	nq	96
71) Phenanthrene	17.48	178	424790	45.251	nq	99
72) Anthracene	17.57	178	429245	46.318	nq	99
73) Carbazole	17.85	167	374695	40.882	nq	98
74) Di-n-butylphthalate	18.37	149	441632	41.994	nq	99
75) Fluoranthene	19.49	202	529835	45.617	nq	97
77) Benzidine	19.67	184	67322	12.668	nq	98
78) Pyrene	19.85	202	531659	44.786	nq	99
80) Butylbenzylphthalate	20.71	149	197670	42.620	nq	98
81) Benzo(a)anthracene	21.70	228	507032	46.306	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	83969	19.336	nq	99
83) Chrysene	21.76	228	469081	44.476	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	273556	41.588	nq	96
85) Di-n-octyl phthalate	22.78	149	472466	42.888	nq	97
86) Indeno(1,2,3-cd)pyrene	28.79	276	578483	46.654	nq	# 94
88) Benzo(b)fluoranthene	23.95	252	504484	47.358	nq	99
89) Benzo(k)fluoranthene	24.02	252	496865m	46.840	nq	
90) Benzo(a)pyrene	24.85	252	490807	47.758	nq	# 99
91) Dibenzo(a,h)anthracene	28.85	278	477659	46.681	nq	98
92) Benzo(g,h,i)perylene	29.98	276	485728	48.168	nq	96

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



#1

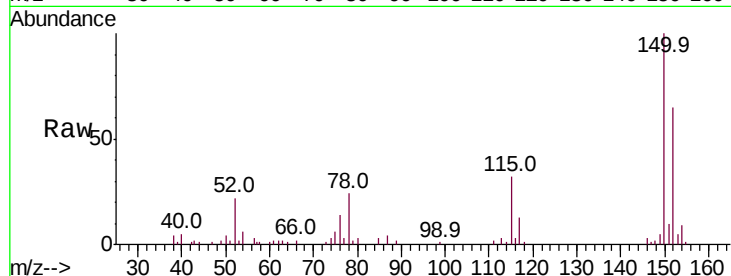
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.5	179.3
115	49.8	49.6	74.4

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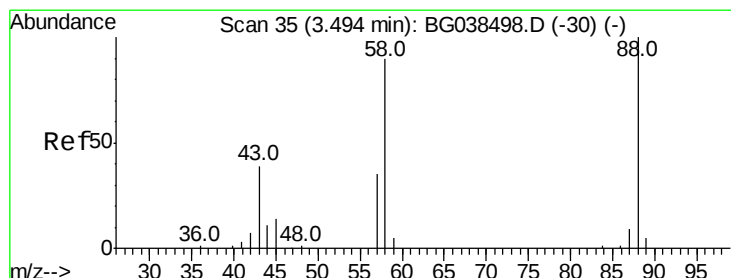
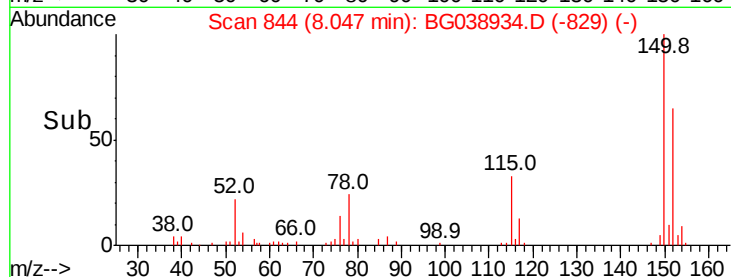
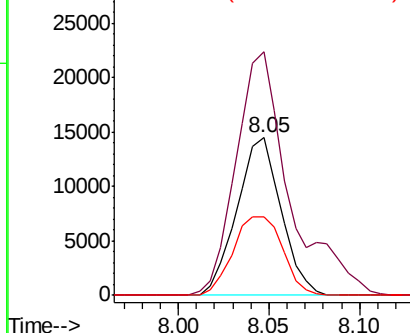


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

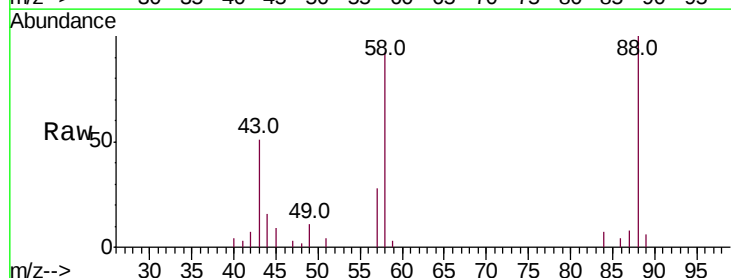
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.472 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	75.7	113.5
43	37.4	31.6	47.4

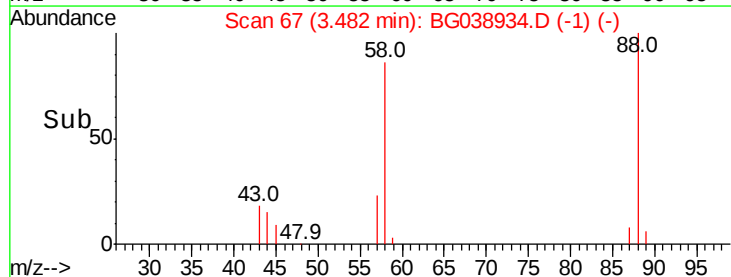
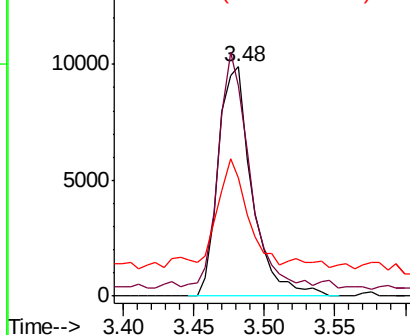


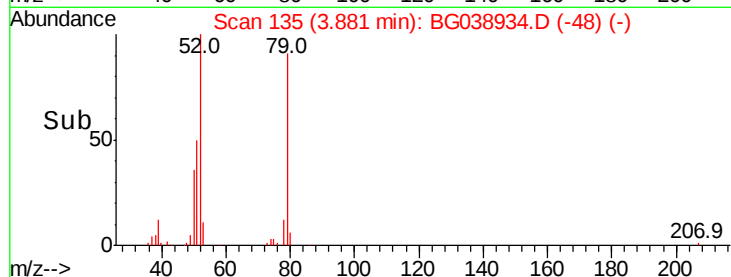
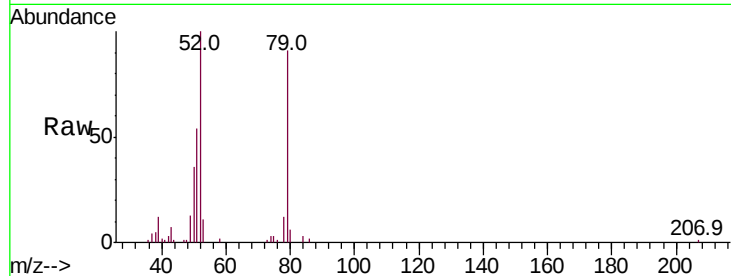
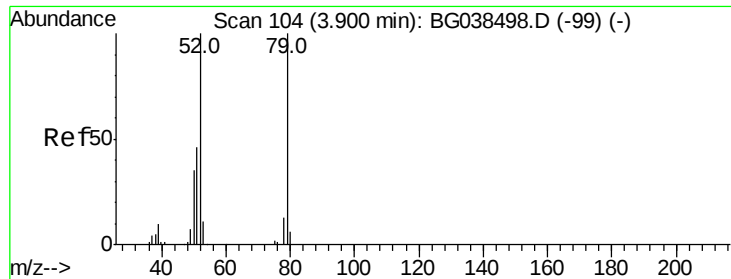
Abundance

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





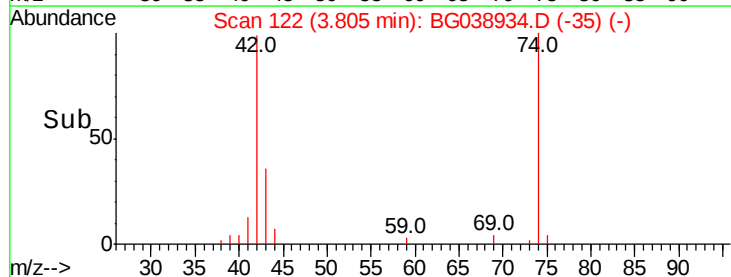
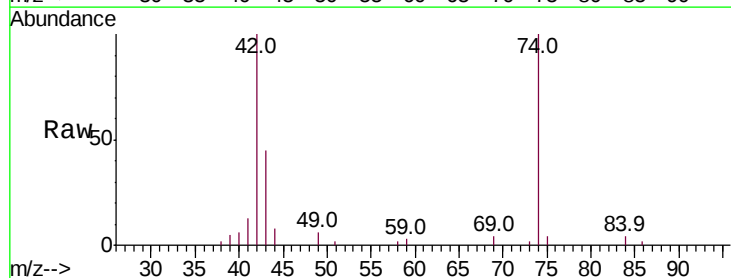
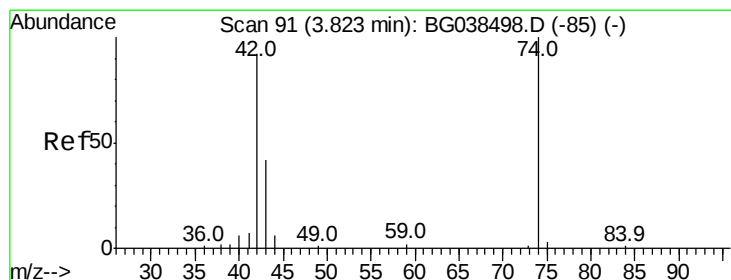
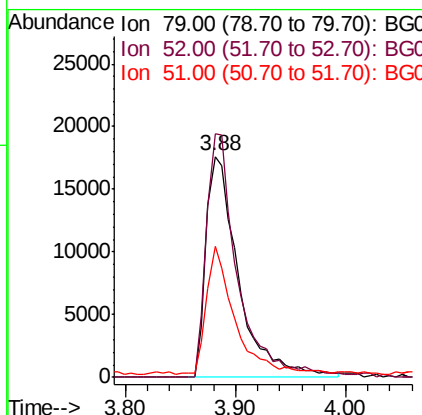
#3
Pvridine
Concen: 20.157 ng
RT: 3.88 min Scan# 135
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	110.3	80.2	120.2
51	59.1	38.0	57.0

Instrument :
BNA_G
ClientSampled :
TP-5MS

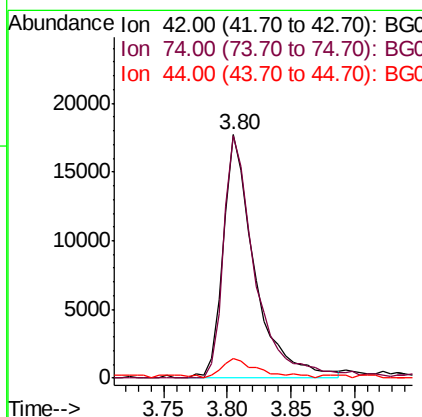
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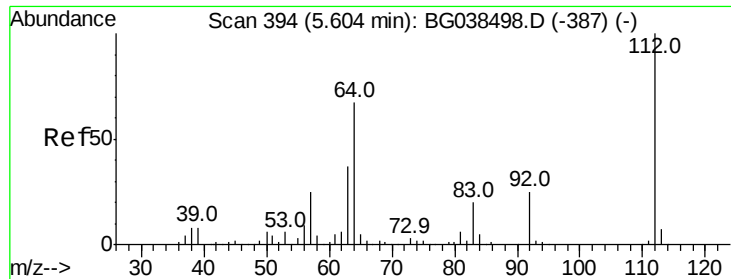
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#4
n-Nitrosodimethylamine
Concen: 35.182 ng
RT: 3.80 min Scan# 122
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	99.5	86.7	130.1
44	8.2	7.8	11.8





#5

2-Fluorophenol

Concen: 122.149 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

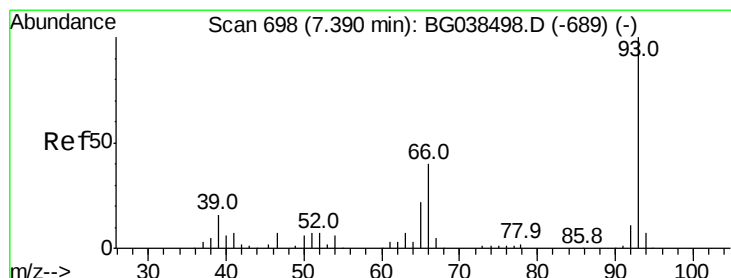
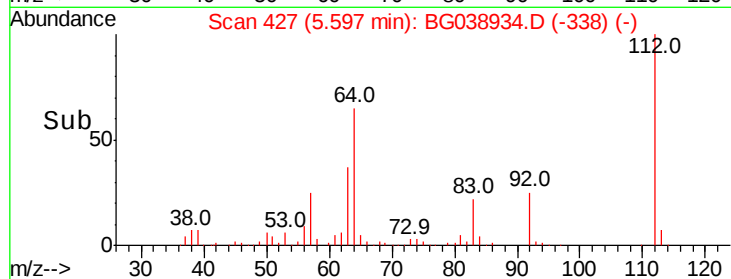
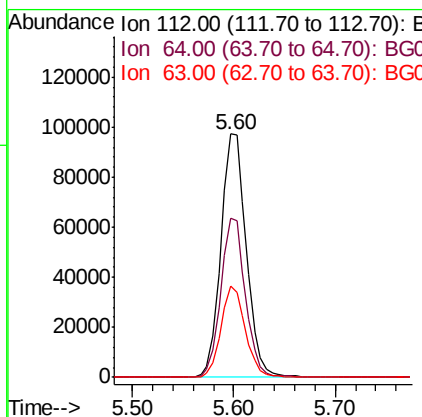
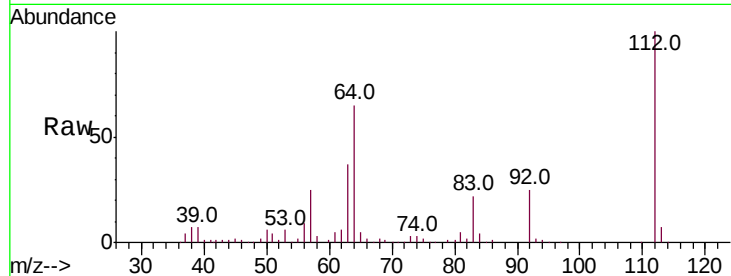
ClientSampled :

TP-5MS

Tot Ion:	112	Resp:	168879
Ion Ratio	Lower	Upper	
112	100		
64	65.4	53.4	80.2
63	37.4	29.3	43.9

Manual Integrations
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#6

Aniline

Concen: 10.736 ng

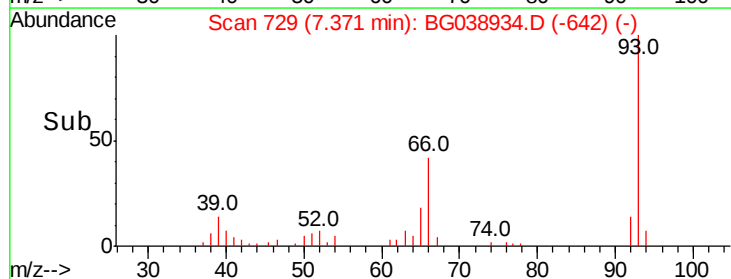
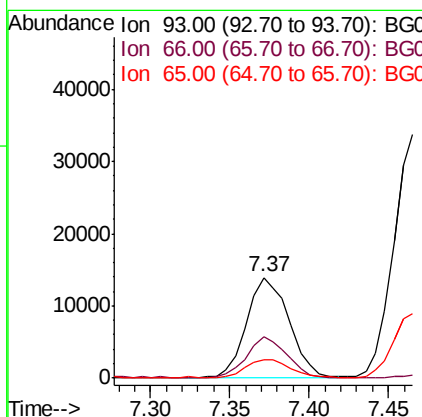
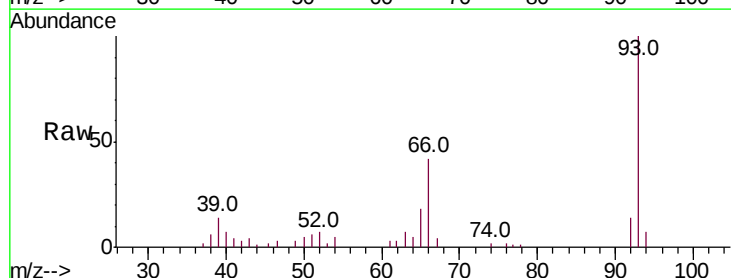
RT: 7.37 min Scan# 729

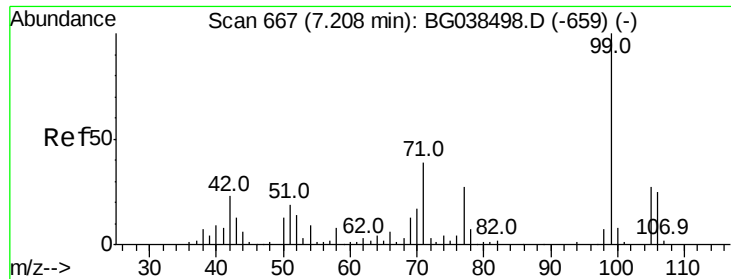
Delta R.T. -0.02 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	93	Resp:	26012
Ion Ratio	Lower	Upper	
93	100		
66	41.6	31.7	47.5
65	18.5	17.8	26.6





#7

Phenol-d6

Concen: 114.442 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

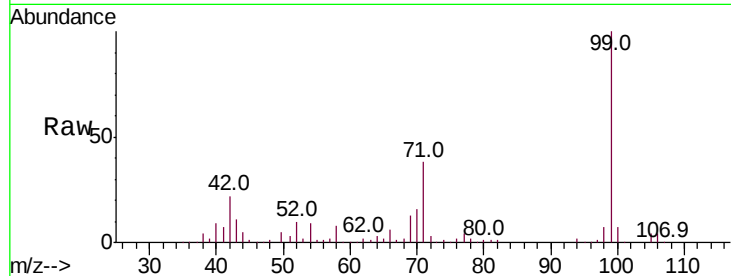
ClientSampleId :

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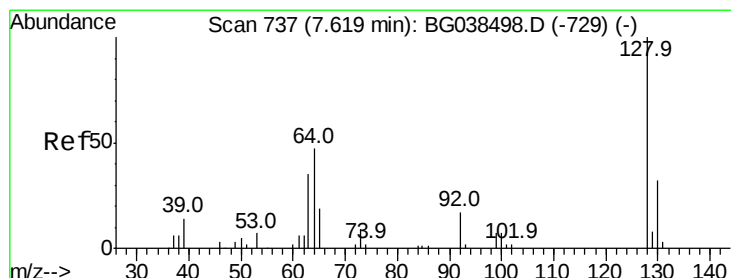
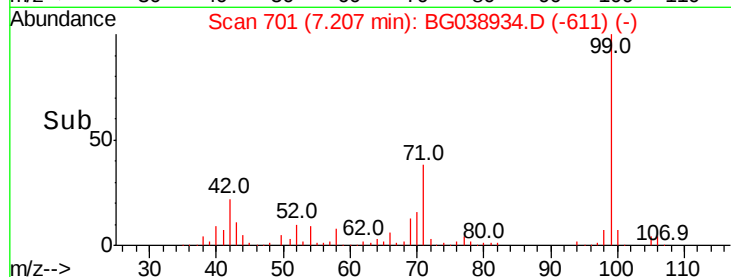
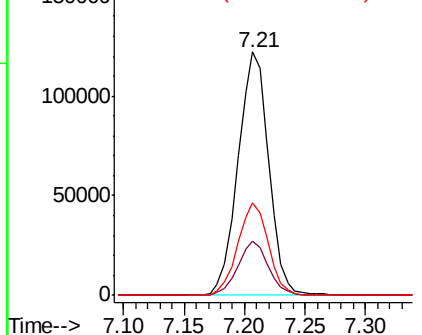
Tot Ion:	99	Resp:	217212
Ion Ratio	Lower	Upper	
99	100		
42	22.1	18.5	27.7
71	38.2	31.1	46.7

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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: 41.731 ng

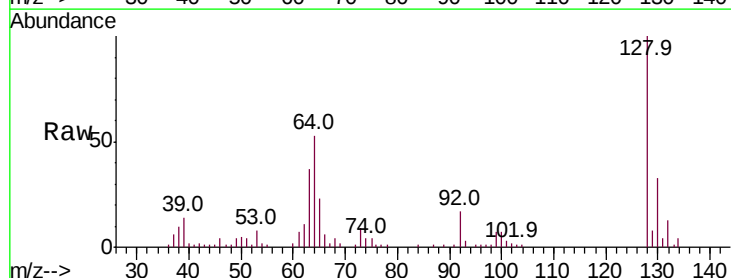
RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

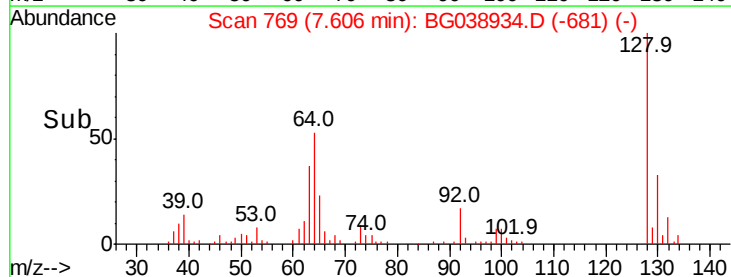
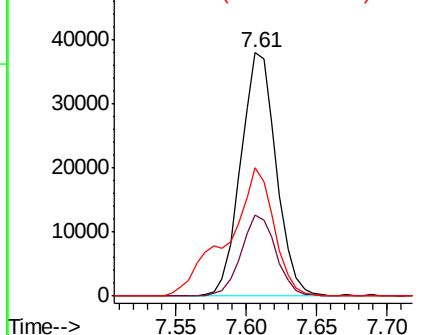
Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	128	Resp:	66767
Ion Ratio	Lower	Upper	
128	100		
130	33.2	11.8	51.8
64	52.6	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: 24.299 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

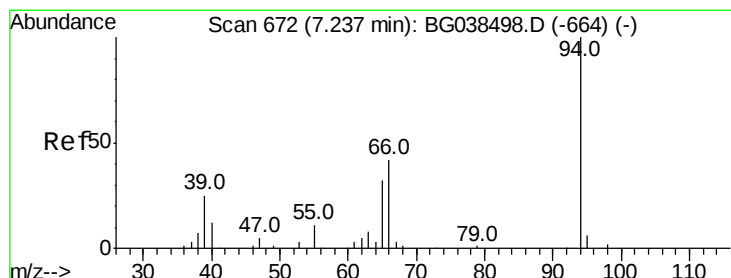
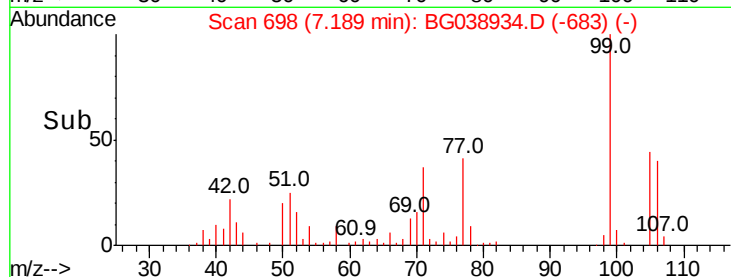
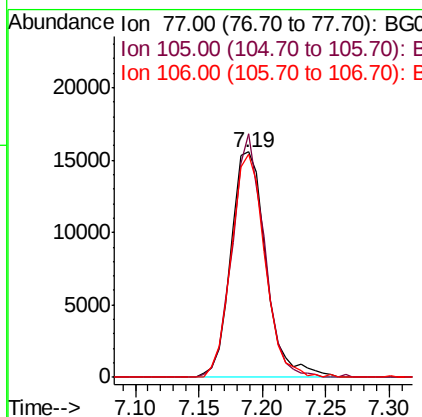
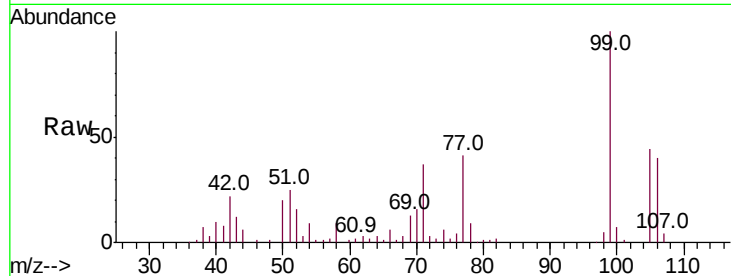
ClientSampled :

TP-5MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.0	74.0	114.0
106	98.9	73.9	113.9

Manual Integrations
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#10

Phenol

Concen: 35.748 ng

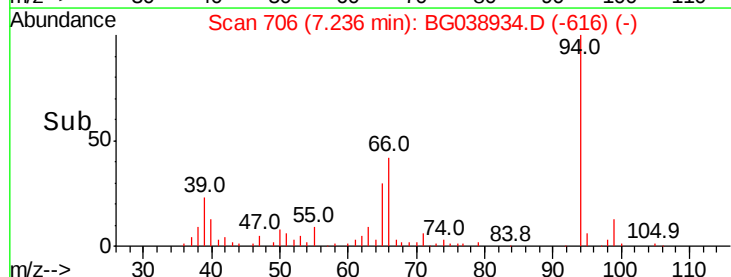
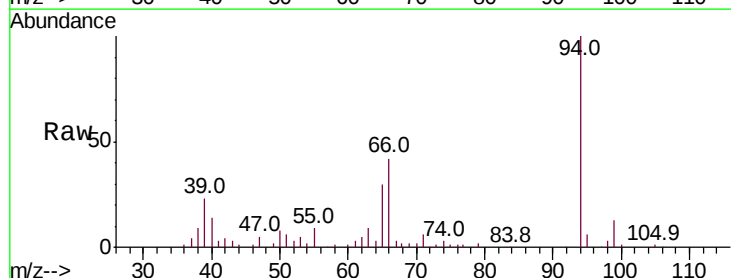
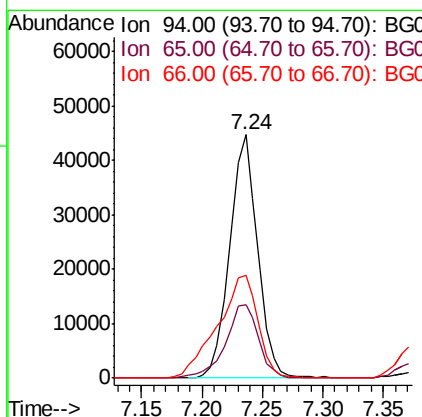
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	12.6	52.6
66	42.0	24.1	64.1





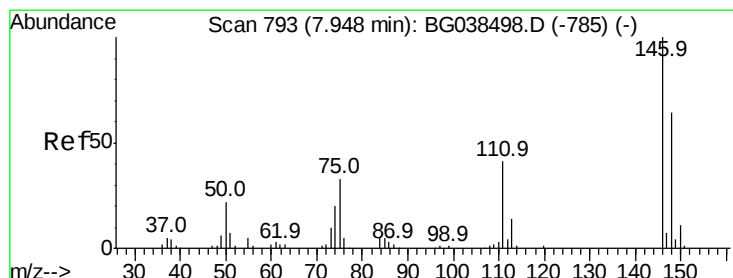
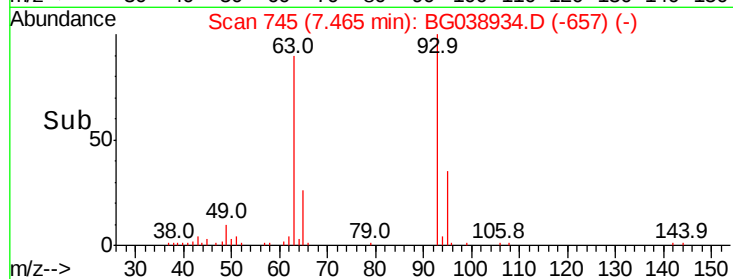
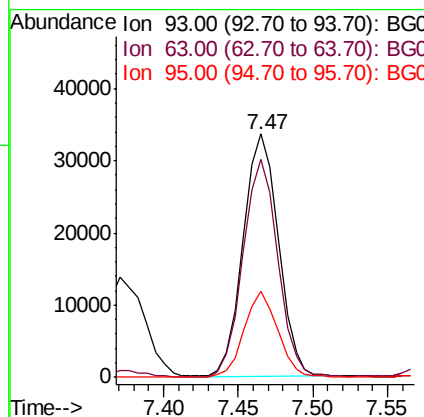
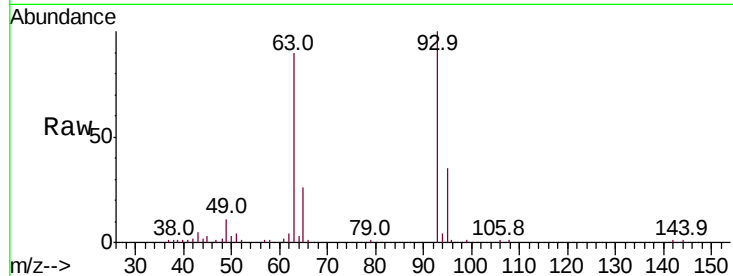
#11
bis(2-Chloroethyl)ether
Concen: 34.322 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	72.2	112.2
95	35.4	11.2	51.2

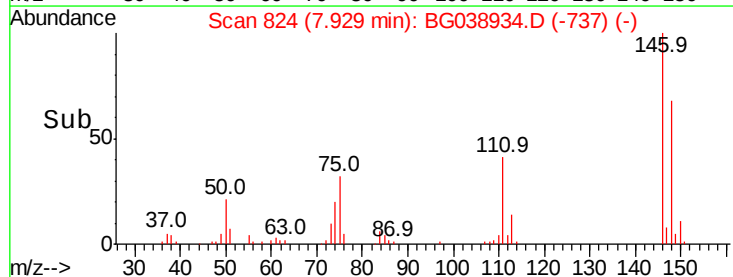
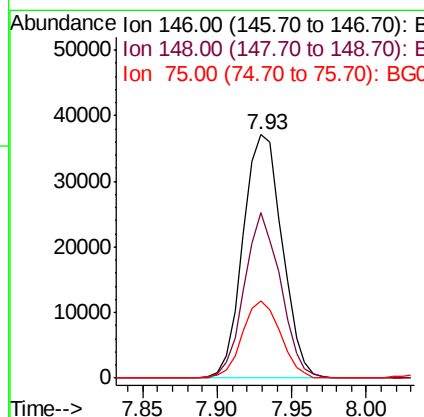
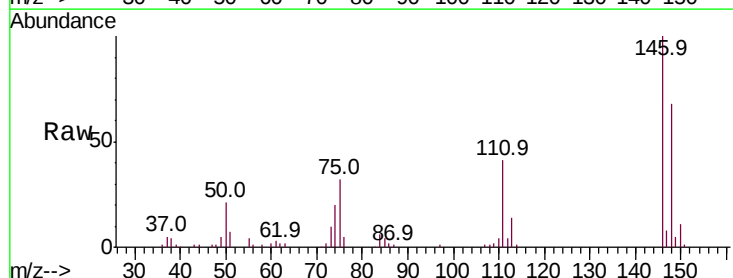
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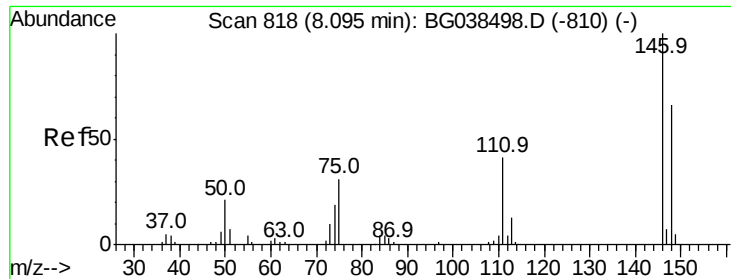
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.544 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.4	77.0
75	31.8	26.1	39.1





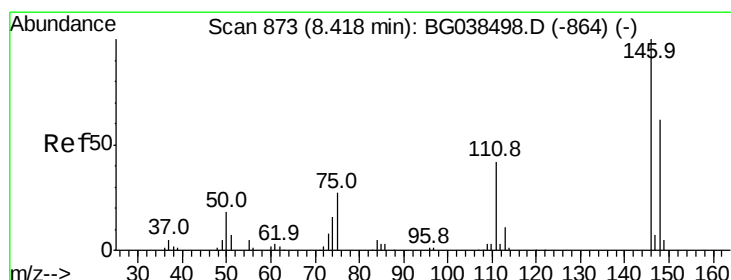
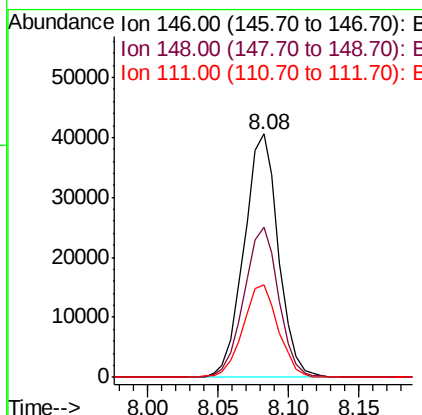
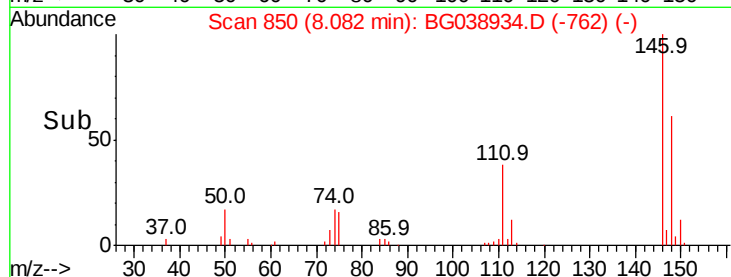
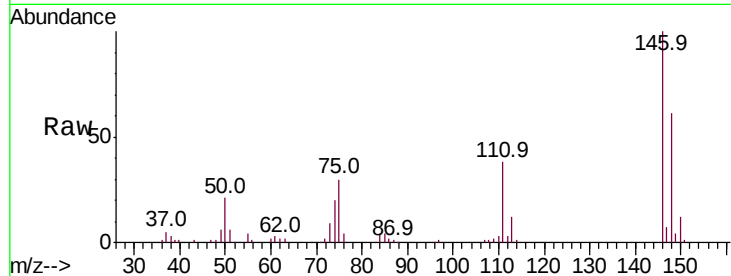
#13
 1,4-Dichlorobenzene
 Concen: 35.636 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.4	78.6
111	38.3	33.0	49.4

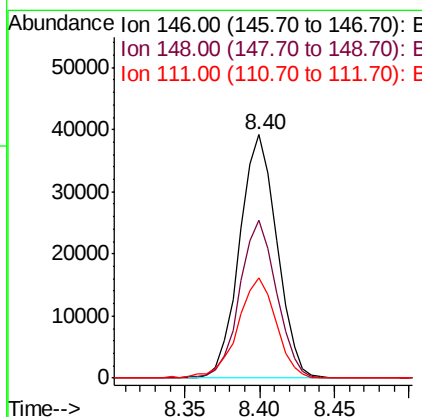
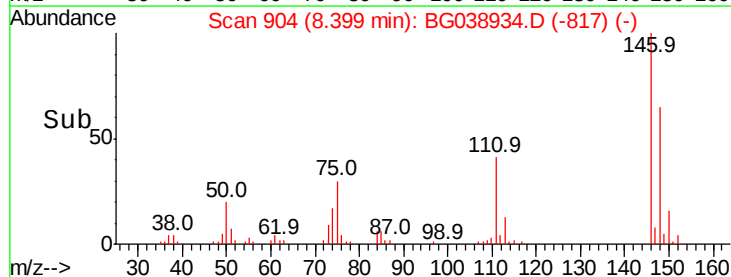
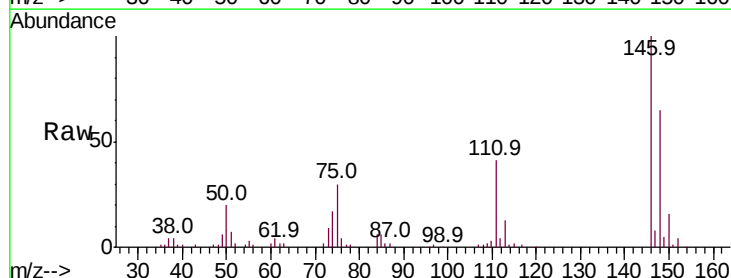
Manual Integrations
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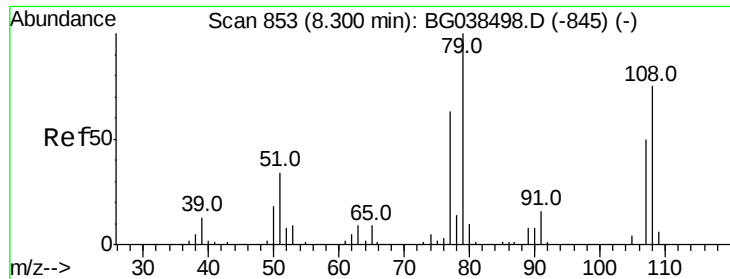
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#14
 1,2-Dichlorobenzene
 Concen: 37.155 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.4	74.0
111	41.1	33.8	50.6





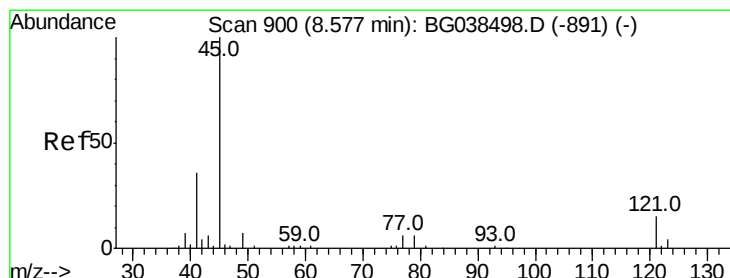
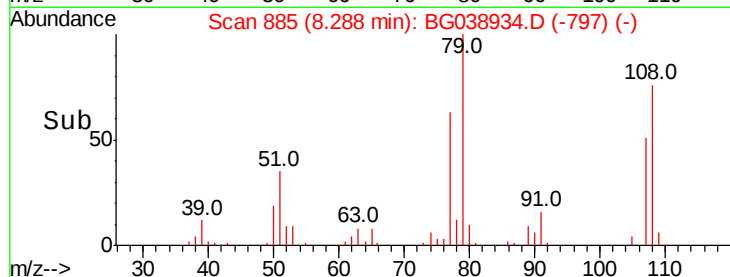
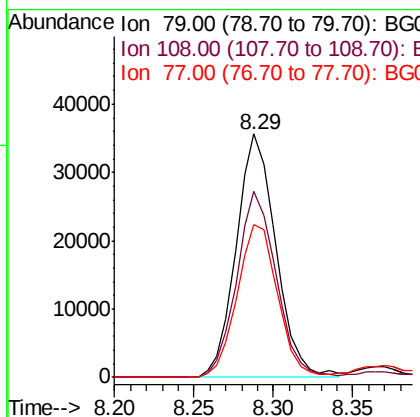
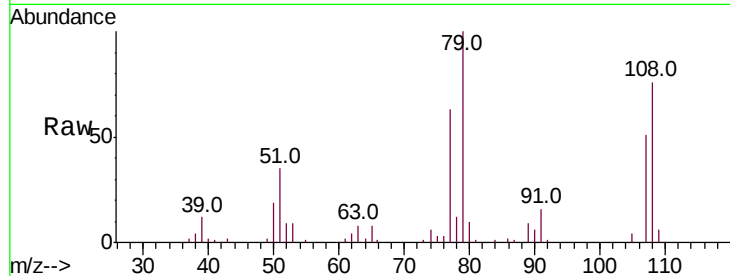
#15
Benzyl Alcohol
Concen: 41.699 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.2	90.4
77	62.7	50.7	76.1

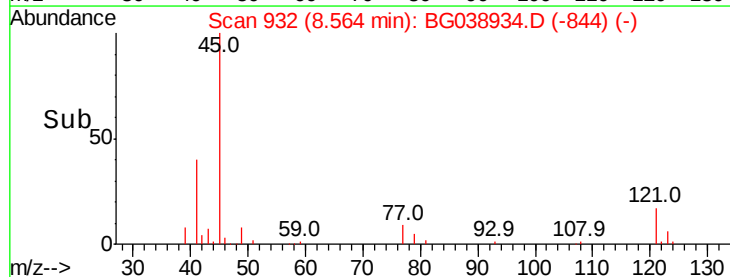
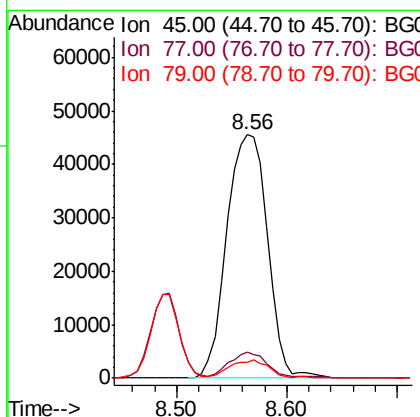
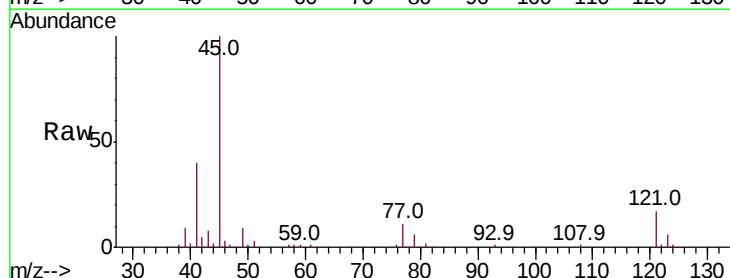
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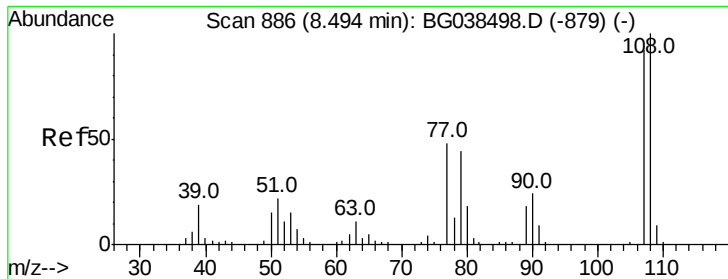
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.960 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	28.2
79	6.2	0.0	27.2





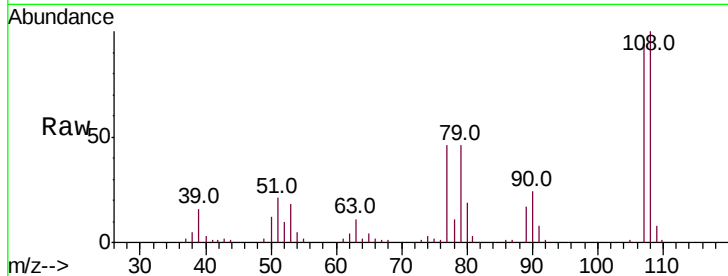
#17
2-Methylphenol
Concen: 42.479 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	107	Resp	57388
Ion	Ratio	Lower	Upper
107	100		
108	106.1	87.1	130.7
77	48.9	42.0	63.0
79	48.3	38.2	57.2

Manual Integrations
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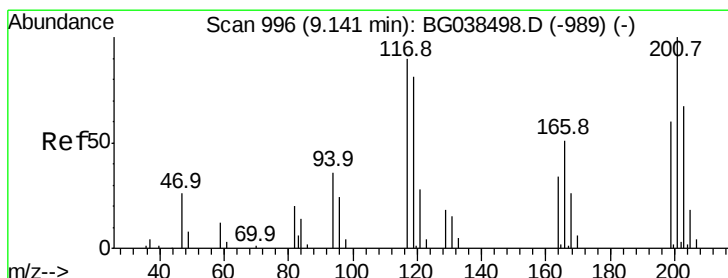
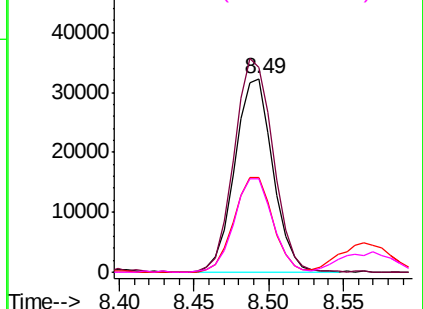
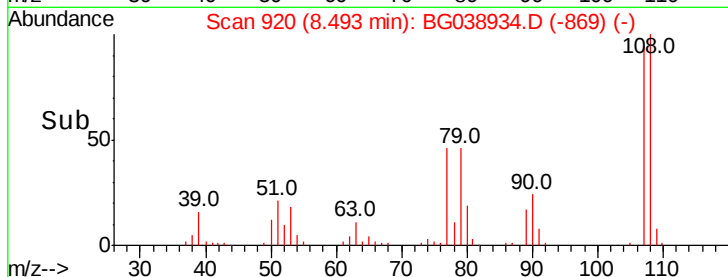
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

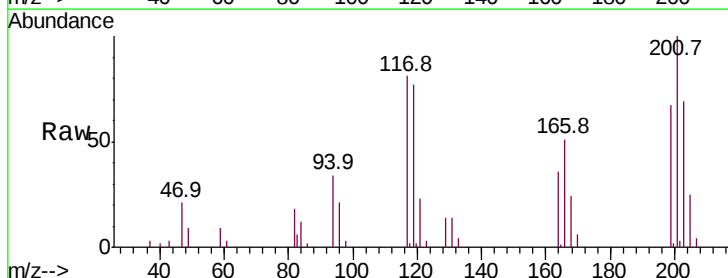
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.315 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	117	Resp	23586
Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.8	110.8
201	127.5	89.4	134.0

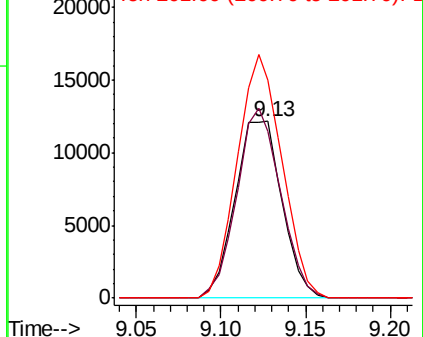
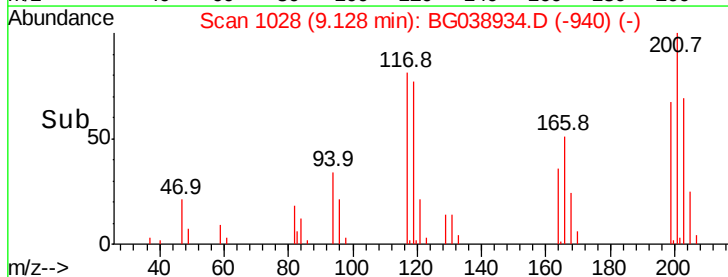


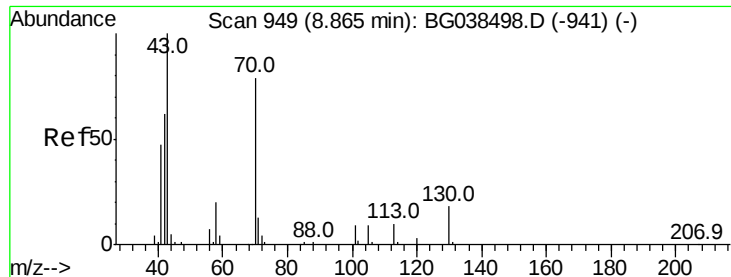
Abundance

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





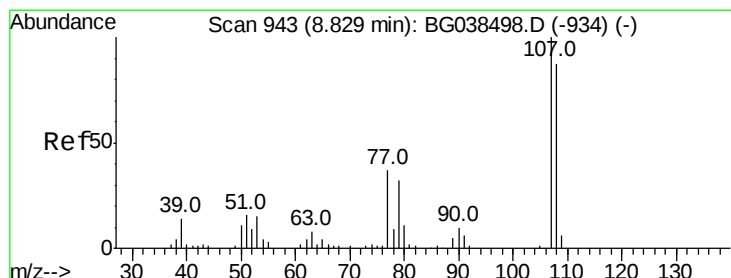
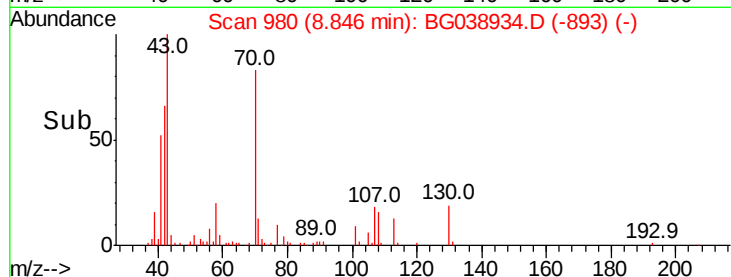
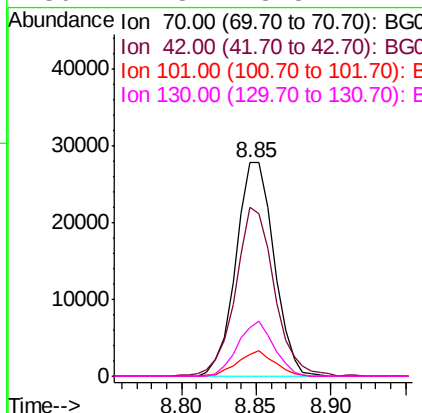
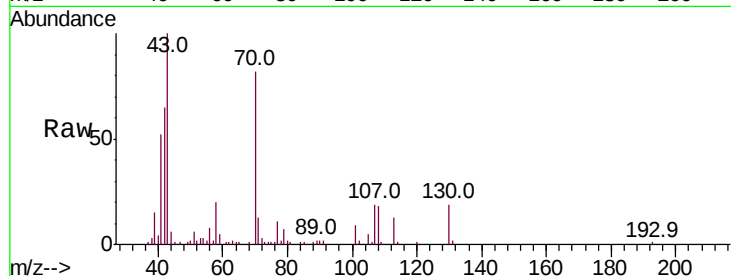
#19
n-Nitroso-di-n-propylamine
Concen: 37.074 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.8	63.6	95.4	
101	10.4	9.2	13.8	
130	22.8	18.5	27.7	

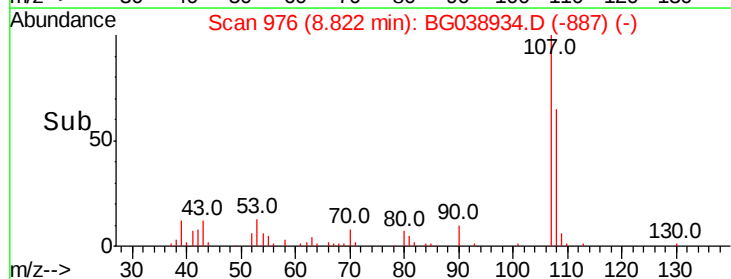
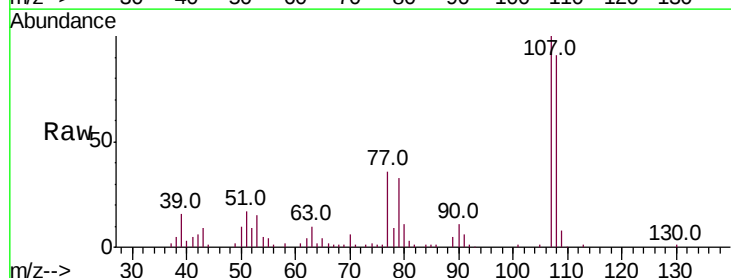
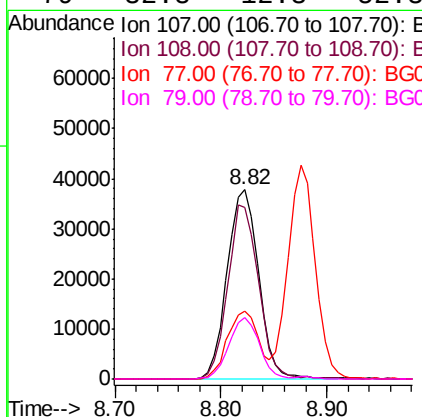
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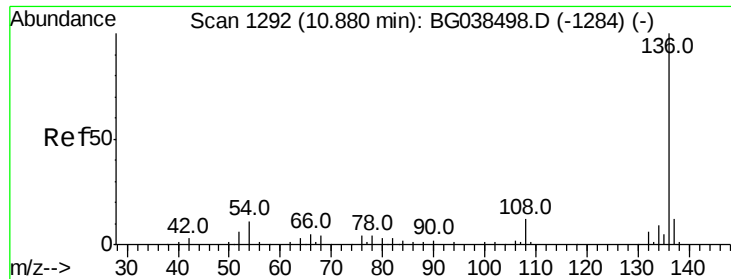
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#20
3+4-Methylphenols
Concen: 41.984 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	66.7	106.7	
77	36.1	17.3	57.3	
79	32.8	12.3	52.3	





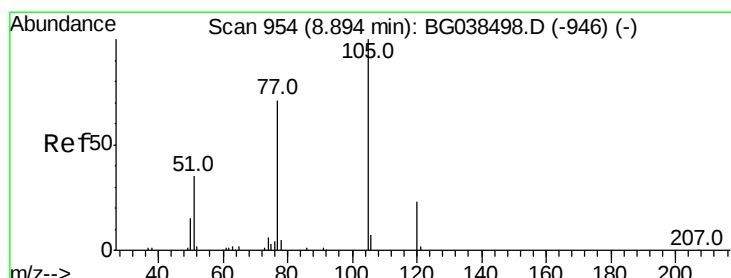
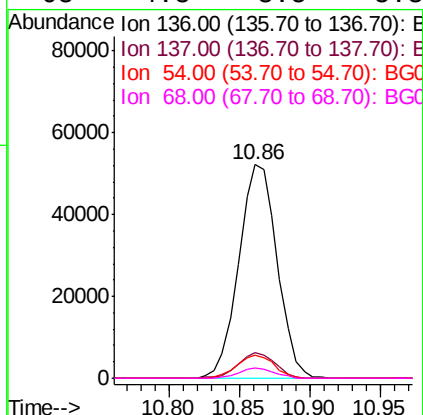
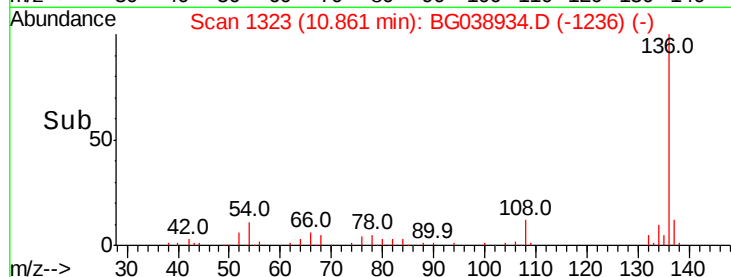
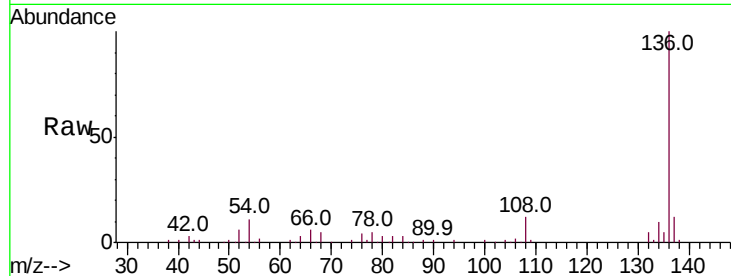
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	9.3	13.9	
54	10.9	8.5	12.7	
68	4.8	3.5	5.3	

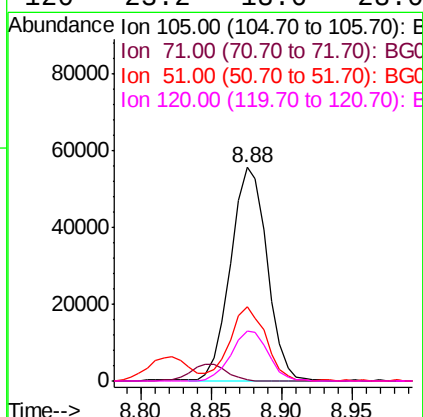
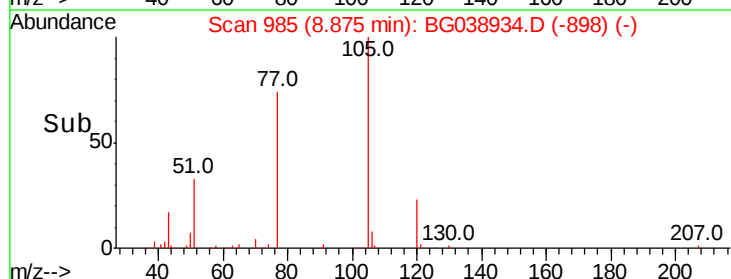
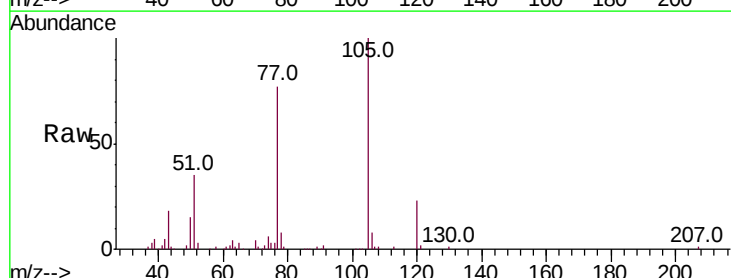
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#22
Acetophenone
Concen: 40.528 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.4	0.6#	
51	34.7	30.6	46.0	
120	23.2	18.6	28.0	





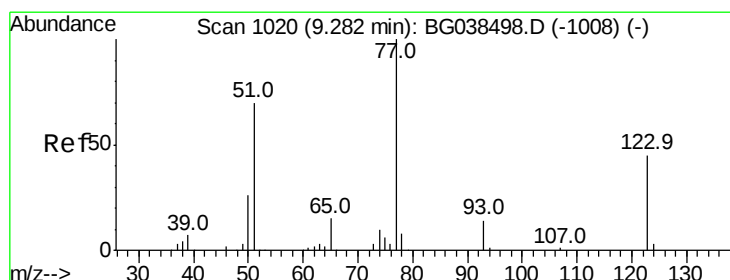
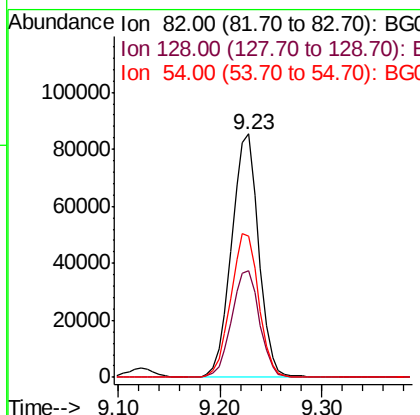
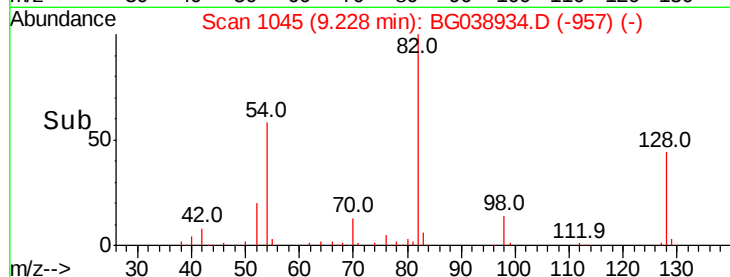
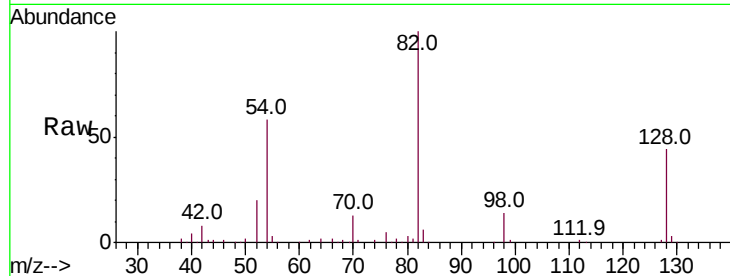
#23
 Nitrobenzene-d5
 Concen: 81.770 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	52.0
54	58.2	50.6	76.0

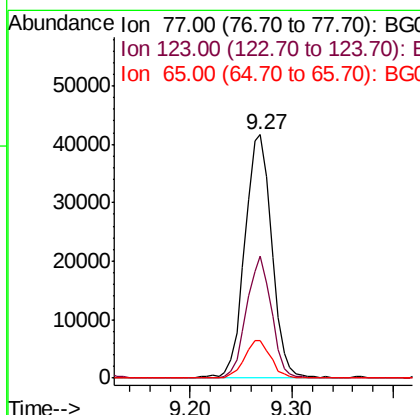
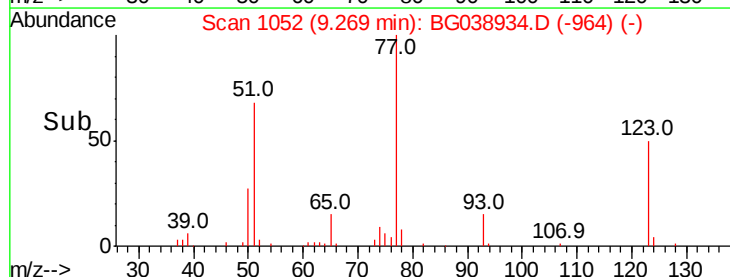
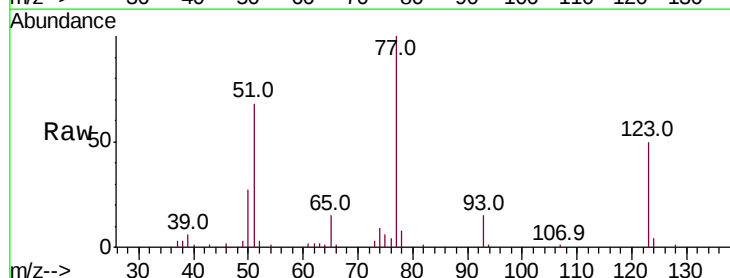
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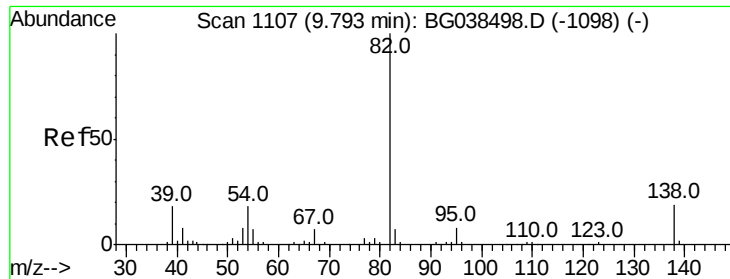
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#24
 Nitrobenzene
 Concen: 39.209 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	35.9	53.9
65	15.2	12.0	18.0





#25

Isophorone

Concen: 41.709 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

ClientSampled :

TP-5MS

Tot Ion: 82 Resp: 145408

Ion Ratio Lower Upper

82 100

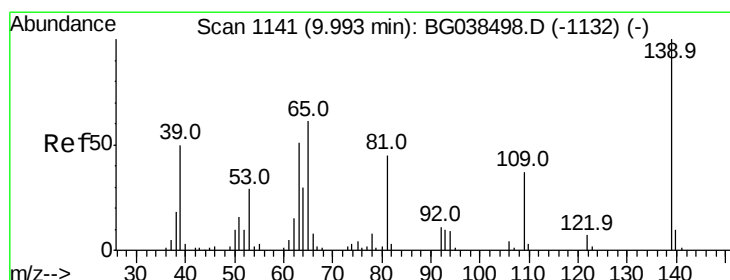
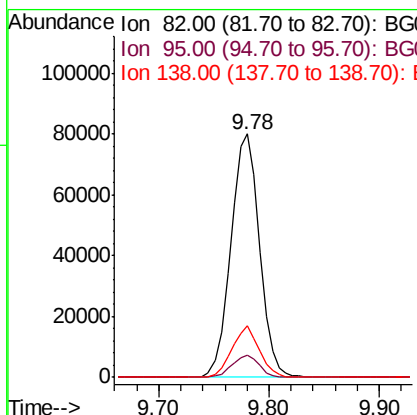
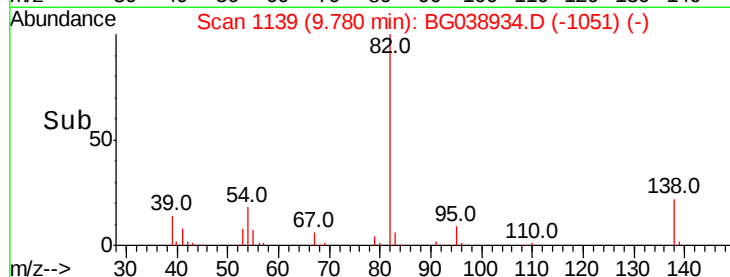
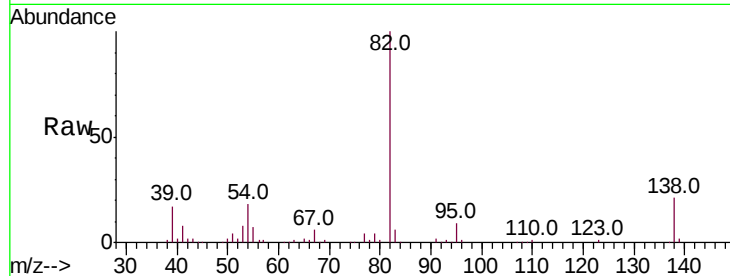
95 9.2 6.1 9.1#

138 21.4 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.787 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

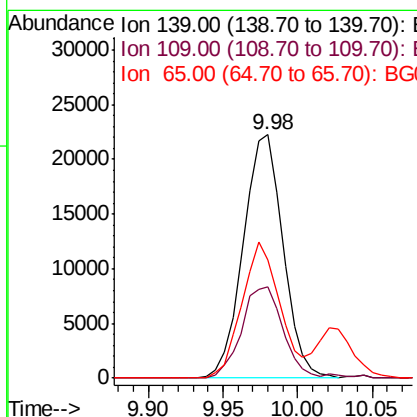
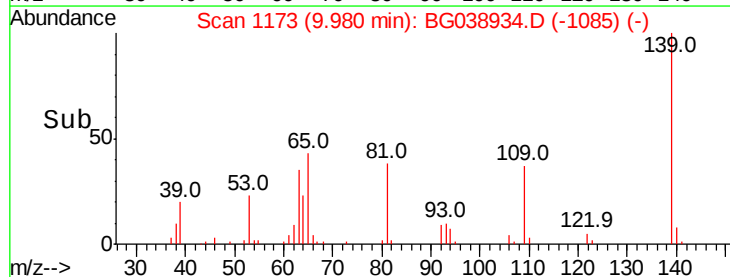
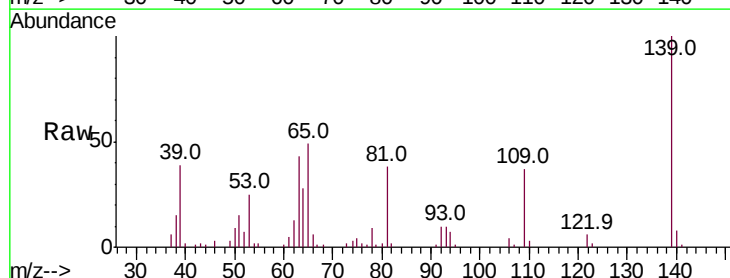
Tgt Ion: 139 Resp: 40977

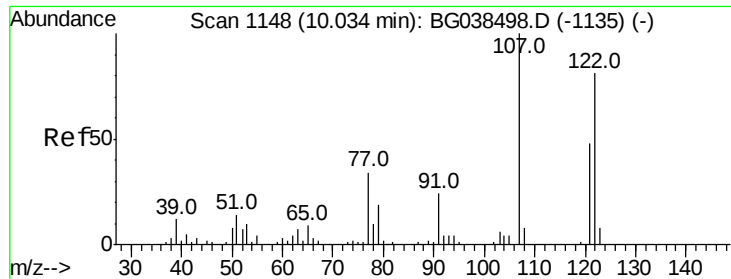
Ion Ratio Lower Upper

139 100

109 37.4 29.5 44.3

65 48.7 48.5 72.7





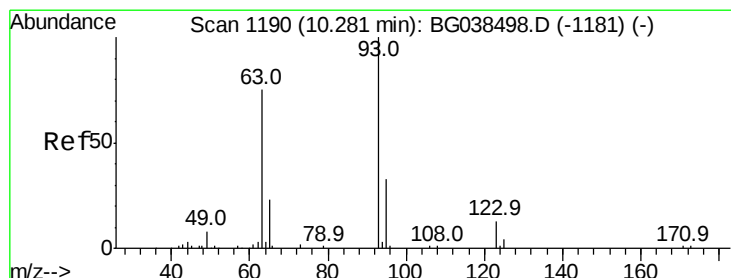
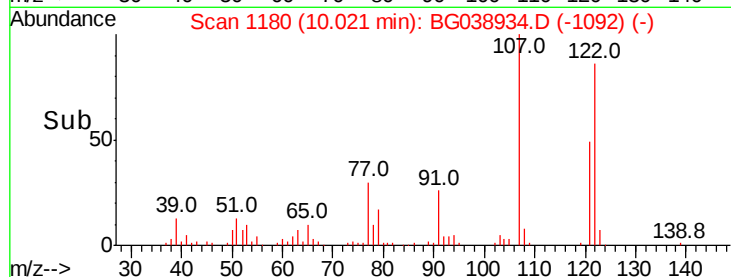
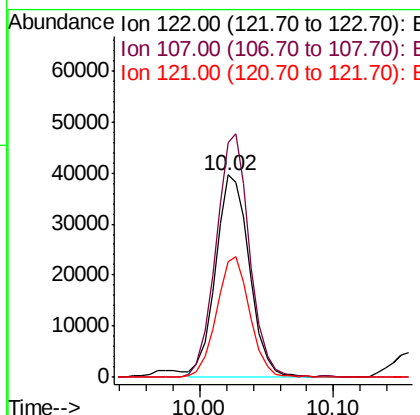
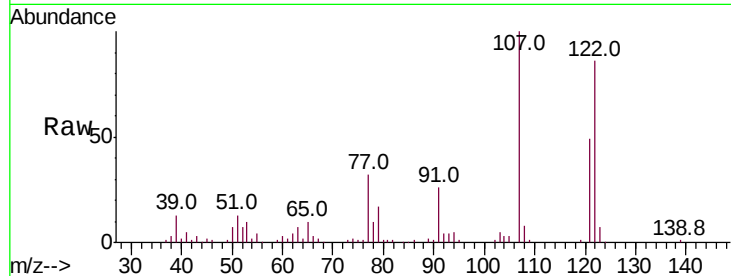
#27
 2,4-Dimethylphenol
 Concen: 48.910 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Tot Ion:122 Resp: 70422
 Ion Ratio Lower Upper
 122 100
 107 116.1 98.4 147.6
 121 56.9 47.2 70.8

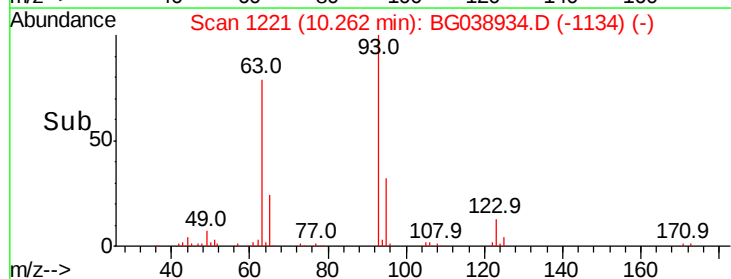
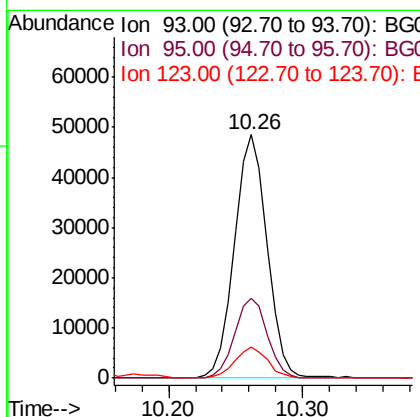
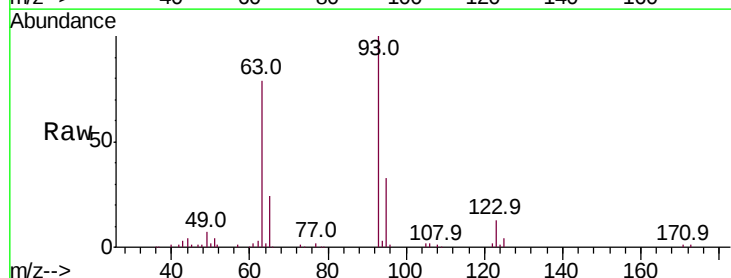
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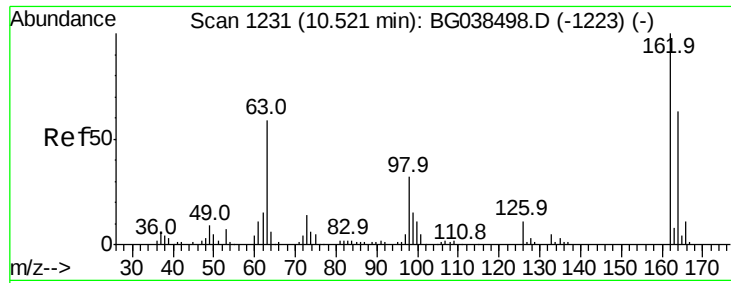
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.672 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion: 93 Resp: 81985
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 40.0
 123 12.7 10.6 16.0





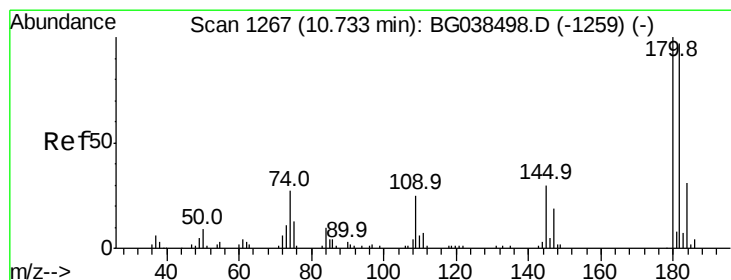
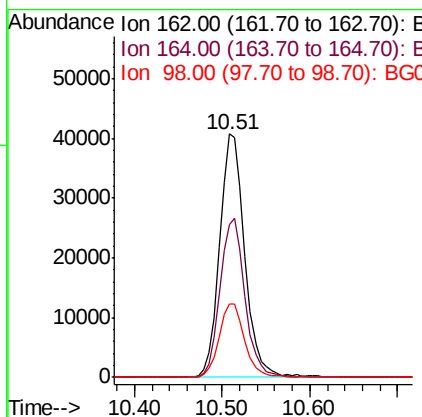
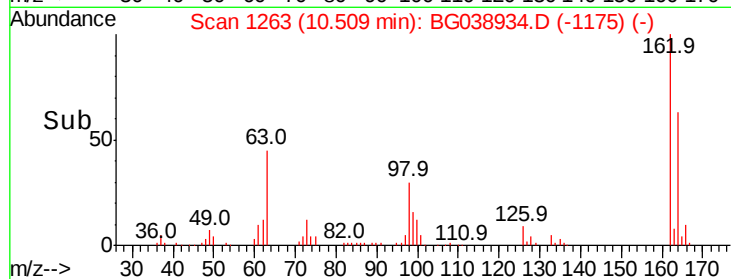
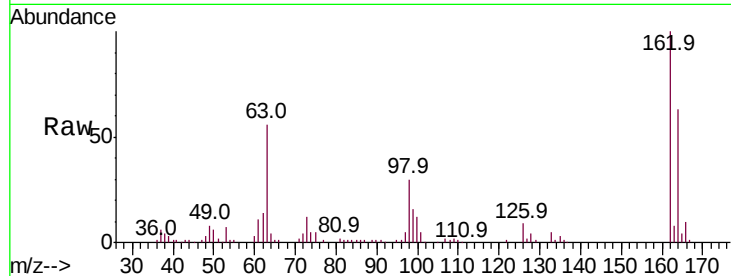
#29
 2,4-Dichlorophenol
 Concen: 50.317 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampled :
 TP-5MS

Tot Ion:	162	Resp:	80597
Ion Ratio	Lower	Upper	
162	100		
164	62.9	42.9	82.9
98	30.3	12.1	52.1

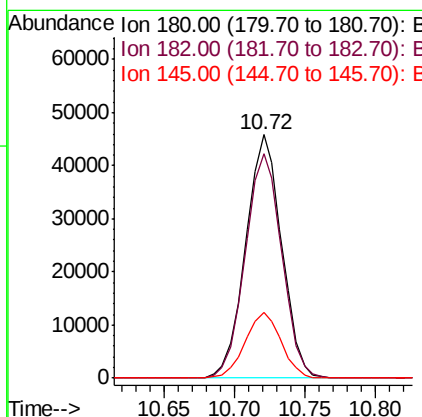
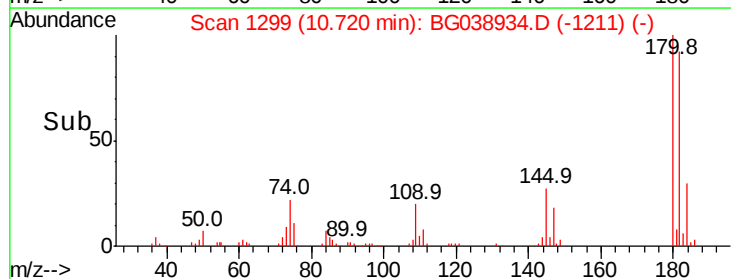
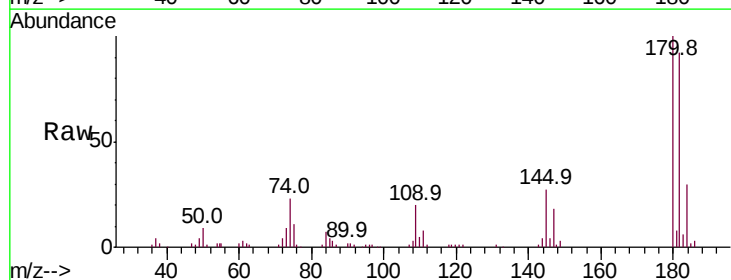
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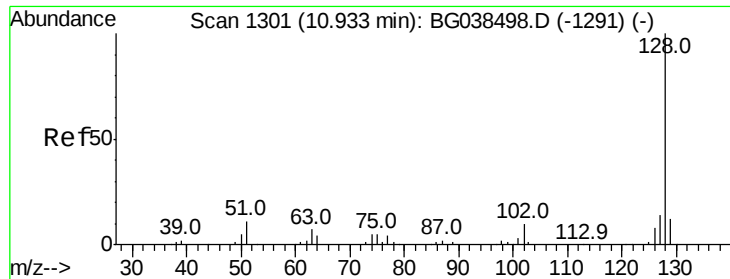
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.191 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion:	180	Resp:	81632
Ion Ratio	Lower	Upper	
180	100		
182	92.3	77.4	116.0
145	27.1	24.1	36.1





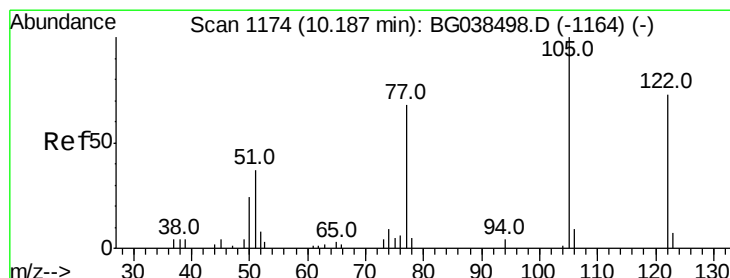
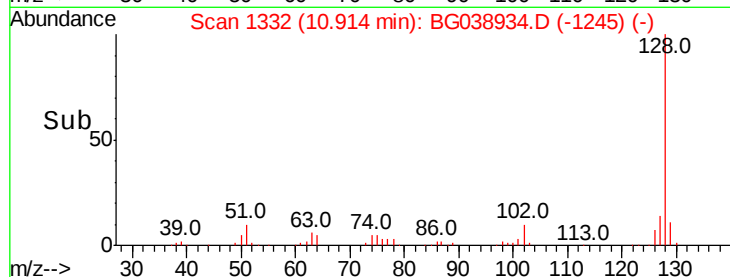
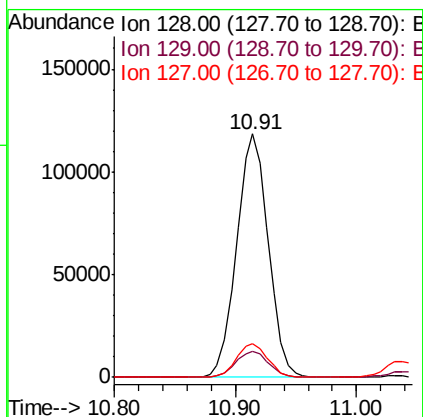
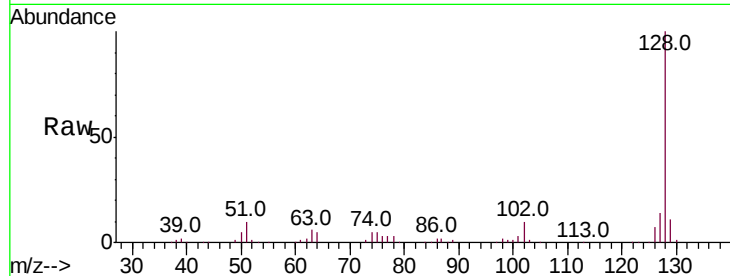
#31
Naphthalene
Concen: 44.084 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.7	10.9	16.3

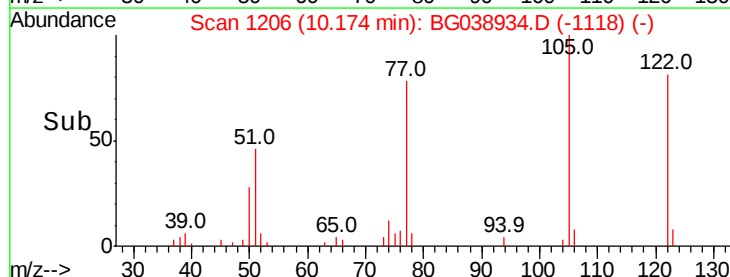
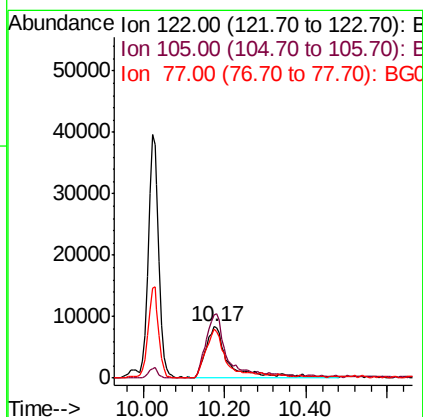
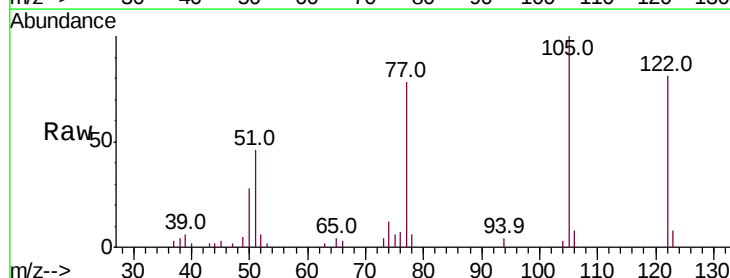
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#32
Benzoic acid
Concen: 39.016 ng m
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	116.7	156.7
77	96.3	72.5	112.5





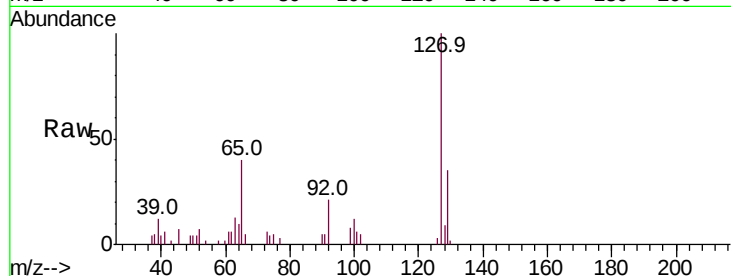
#33
4-Chloroaniline
Concen: 8.259 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

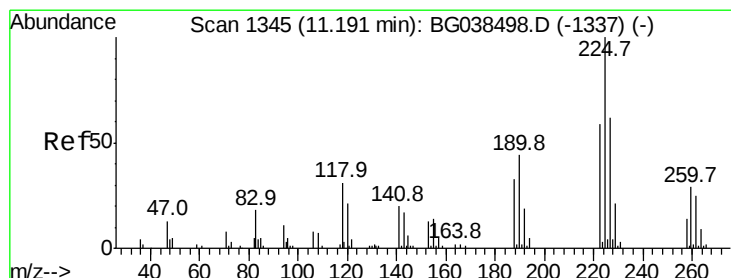
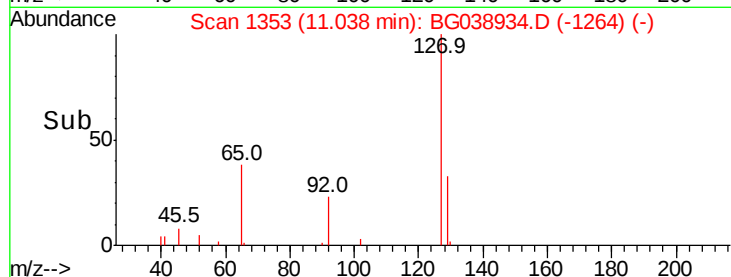
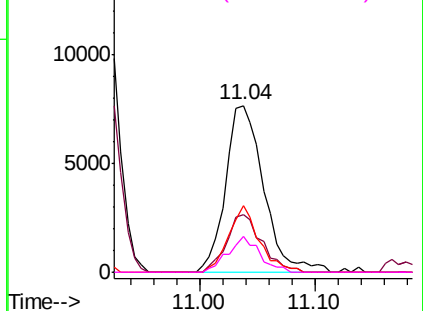
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.8	38.8
65	39.6	27.8	41.6
92	21.2	17.0	25.6

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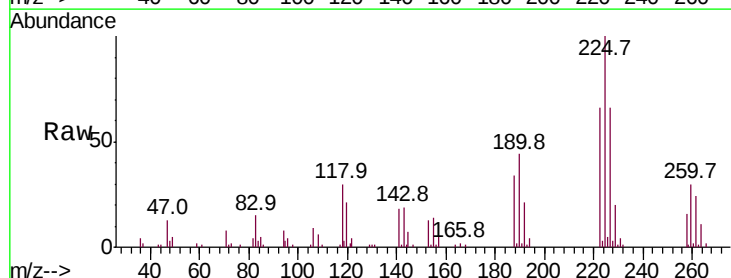


Abundance Ion 127.00 (126.70 to 127.70): E
15000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

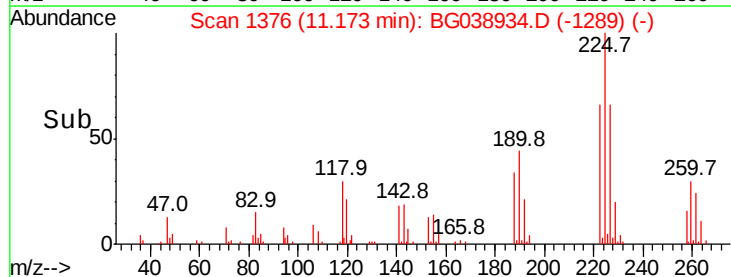
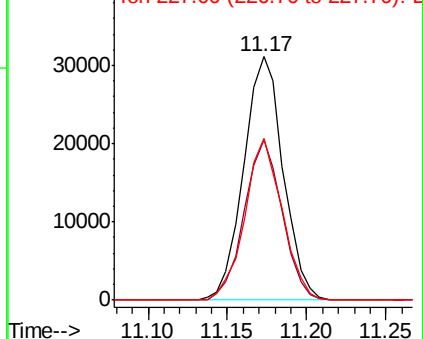


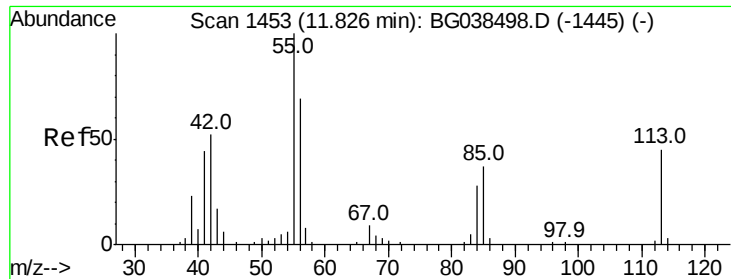
#34
Hexachlorobutadiene
Concen: 41.030 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.7	45.0	67.6#
227	69.1	50.6	75.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.125 ng/ml

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

ClientSampled :

TP-5MS

Tot Ion:113 Resp: 18644

Ion Ratio Lower Upper

113 100

55 208.6 204.3 244.3

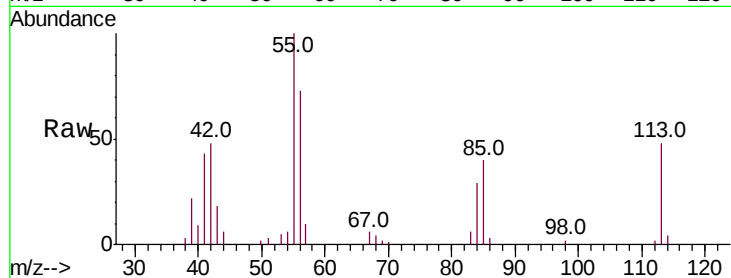
56 152.8 135.0 175.0

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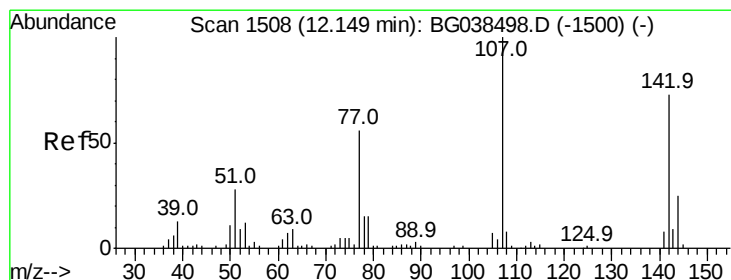
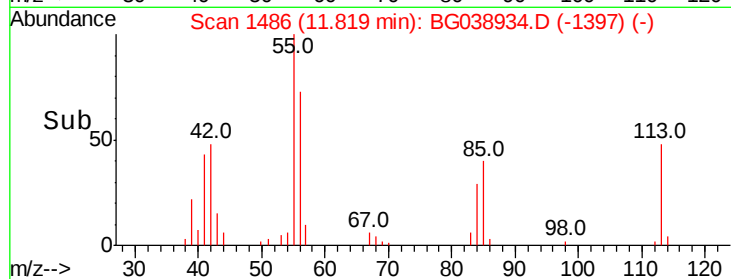
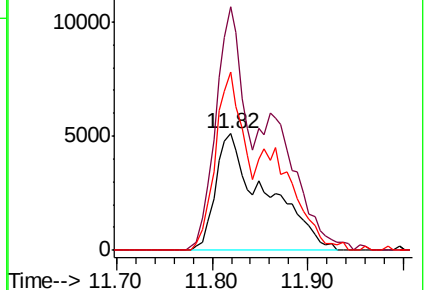
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.979 ng/ml

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

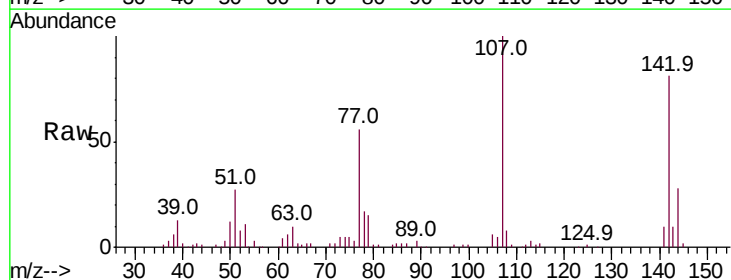
Tgt Ion:107 Resp: 84046

Ion Ratio Lower Upper

107 100

144 27.6 20.1 30.1

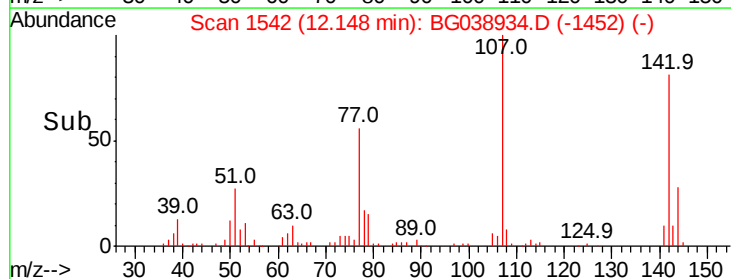
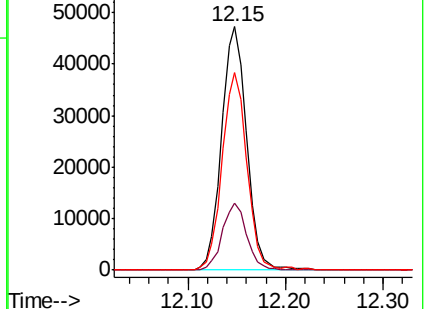
142 81.1 58.7 88.1

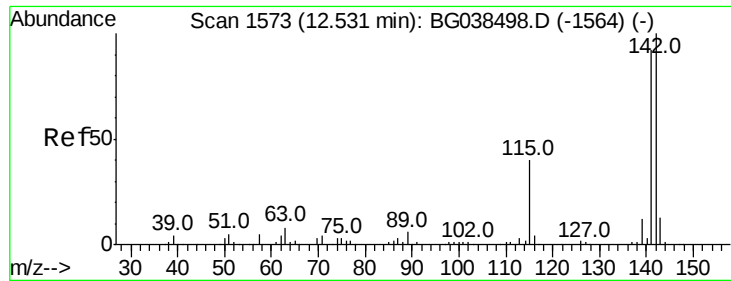


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





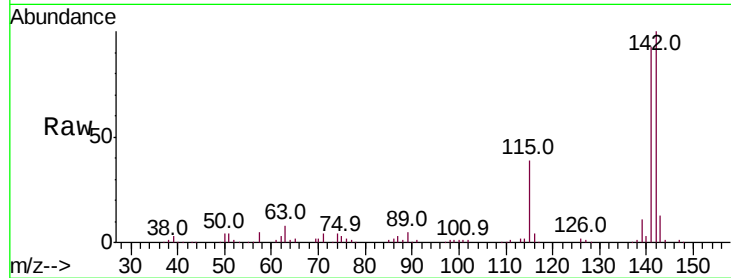
#37
 2-Methylnaphthalene
 Concen: 48.476 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.5	110.3
115	39.4	31.7	47.5

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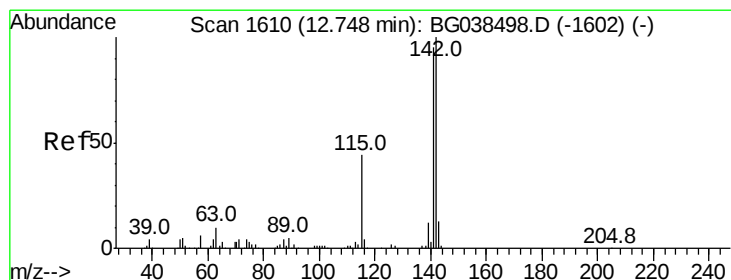
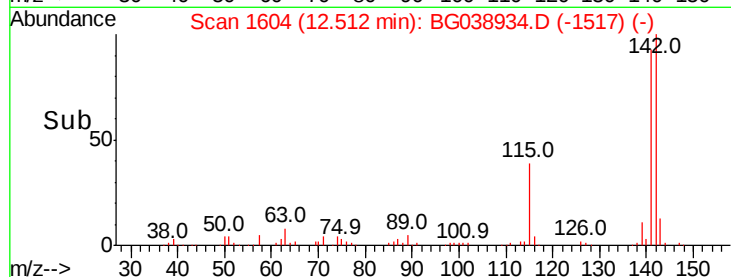
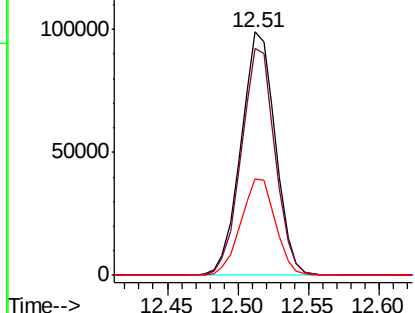


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 48.437 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

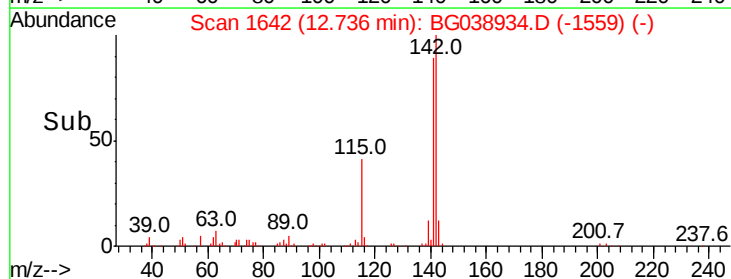
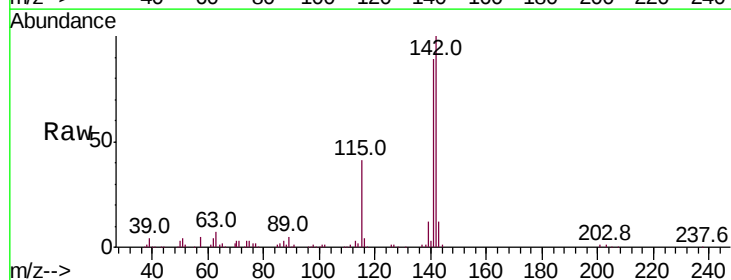
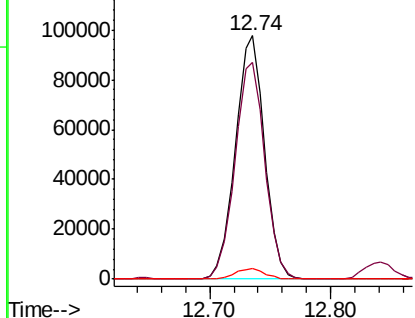
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	75.8	113.8
116	4.2	3.6	5.4

Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

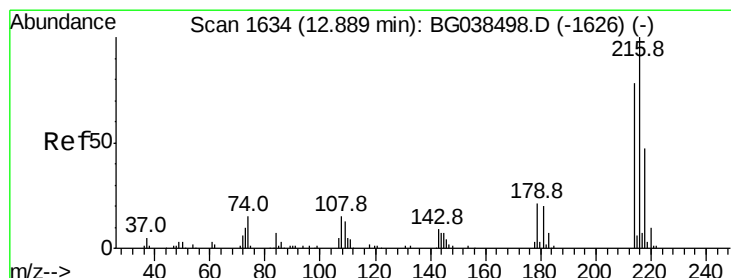
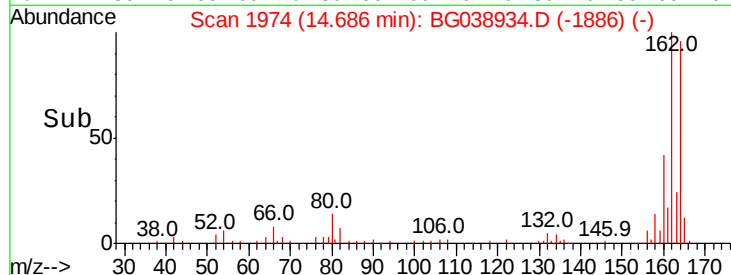
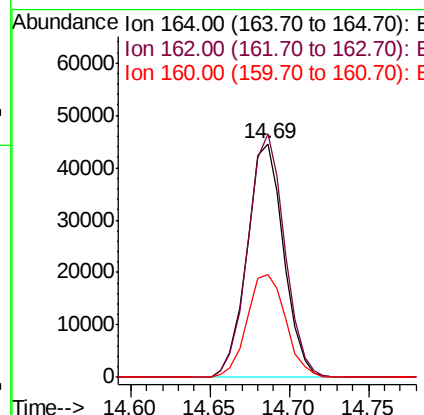
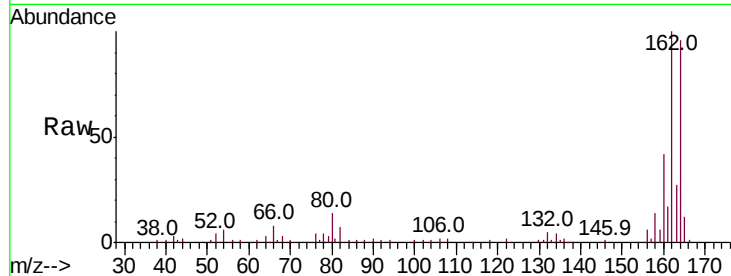
ClientSampleId :

TP-5MS

Tot Ion:	164	Resp:	71621
Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.6	130.0
160	44.1	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.984 ng

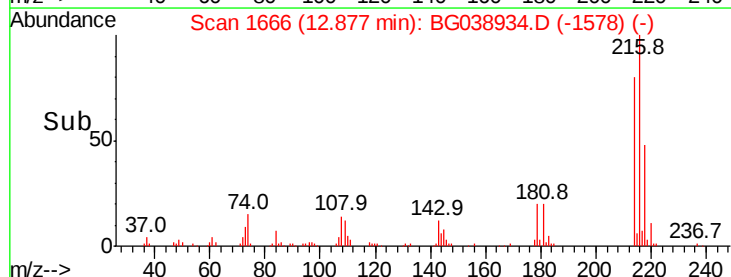
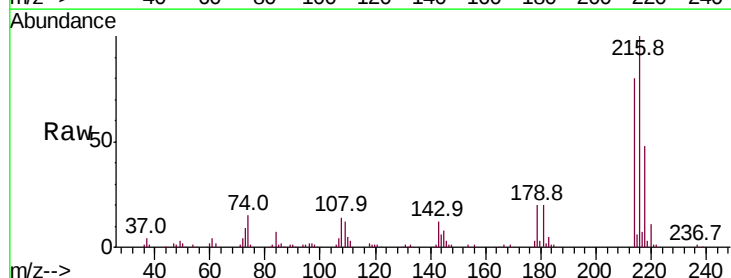
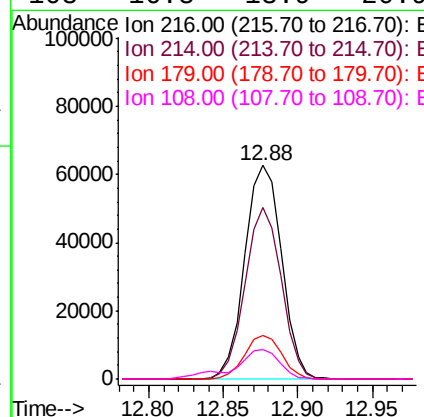
RT: 12.88 min Scan# 1666

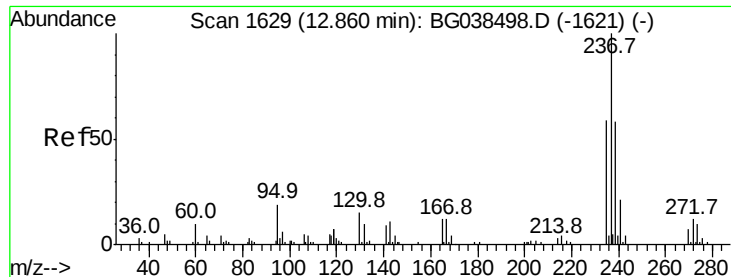
Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	216	Resp:	107045
Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.1	96.1
179	20.4	16.4	24.6
108	16.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 77.154 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

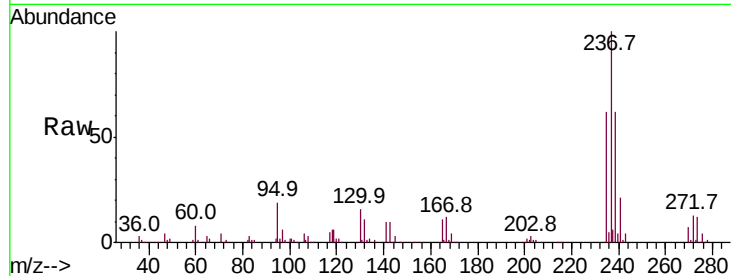
ClientSampleId :

TP-5MS

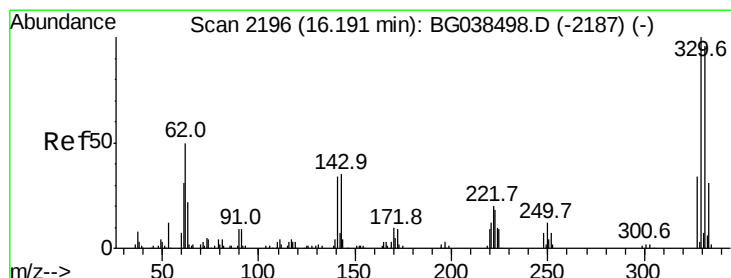
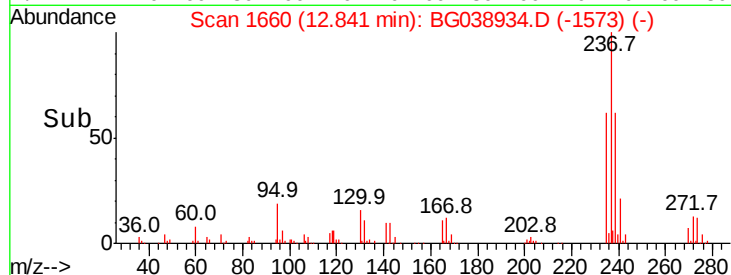
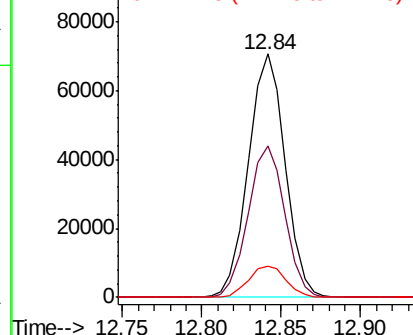
Tot Ion:	237	Resp:	113480
Ion Ratio	Lower	Upper	
237	100		
235	62.4	38.8	78.8
272	12.6	0.0	32.0

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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: 156.849 ng

RT: 16.18 min Scan# 2228

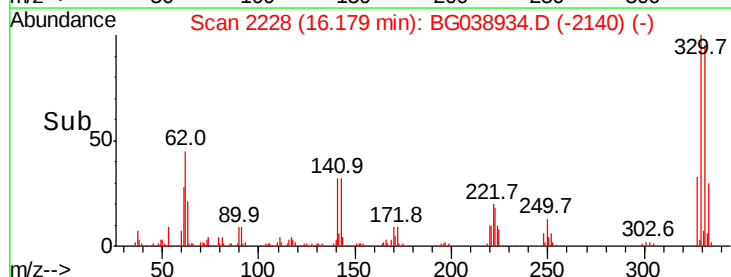
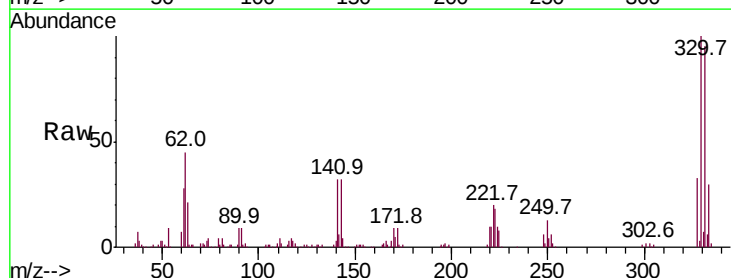
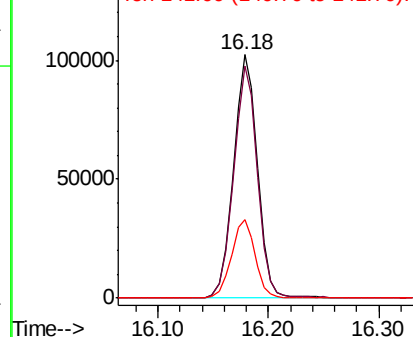
Delta R.T. -0.01 min

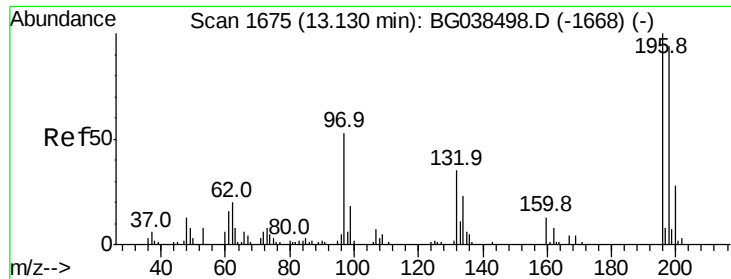
Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	330	Resp:	154820
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.9	115.3
141	31.9	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





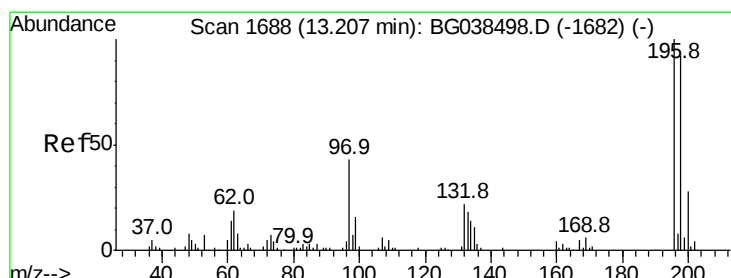
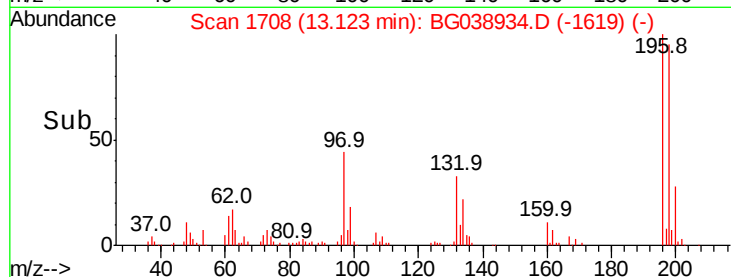
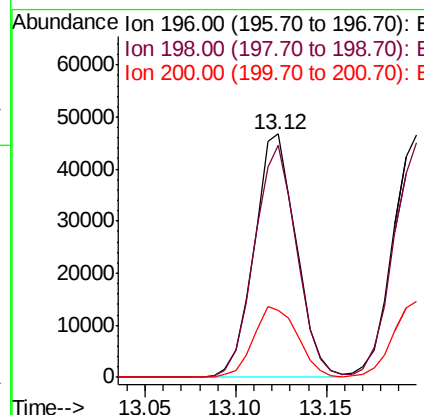
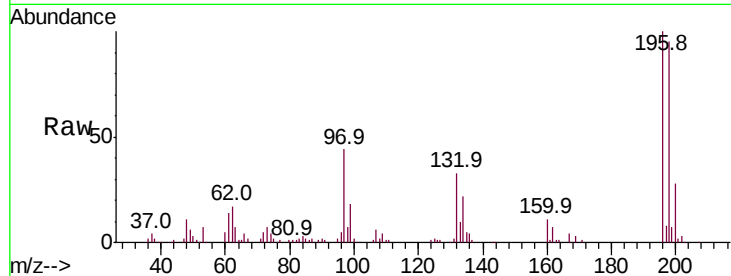
#43
 2,4,6-Trichlorophenol
 Concen: 45.679 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.0	112.4
200	27.5	22.4	33.6

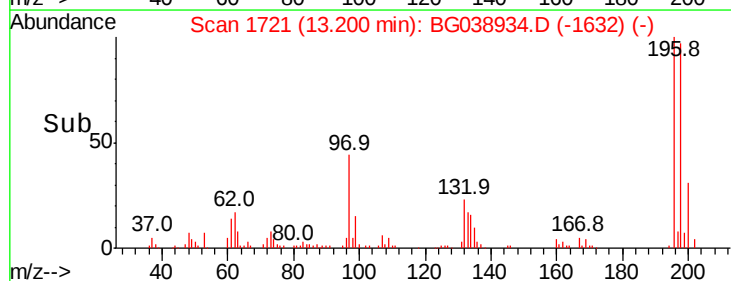
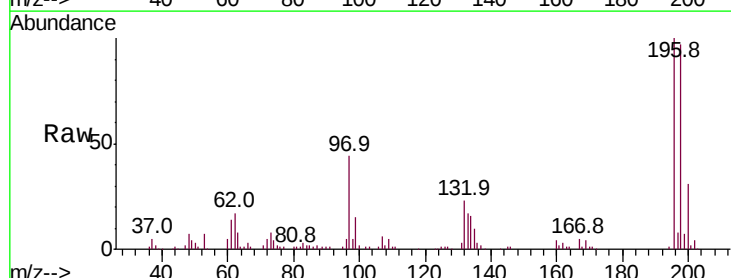
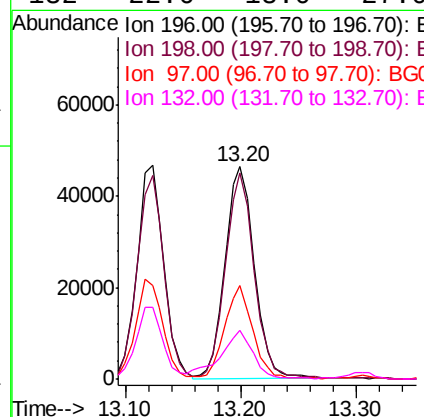
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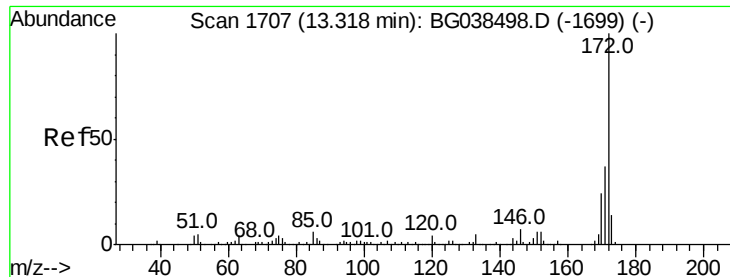
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 46.565 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.0	111.0
97	43.8	35.1	52.7
132	22.6	18.0	27.0





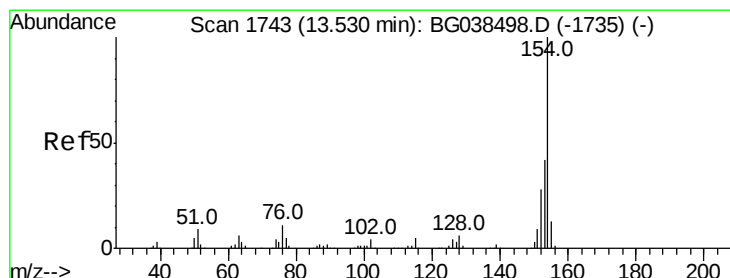
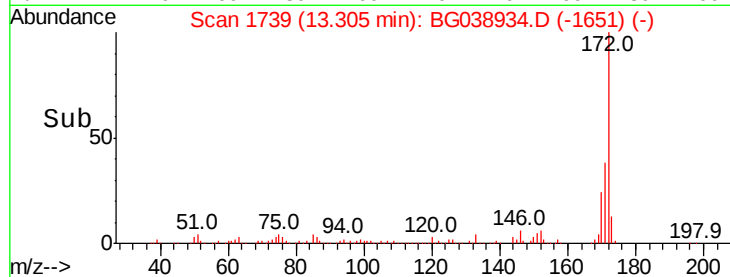
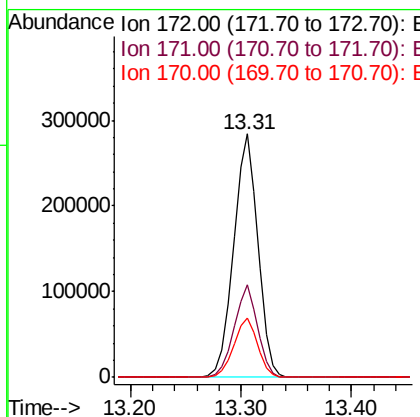
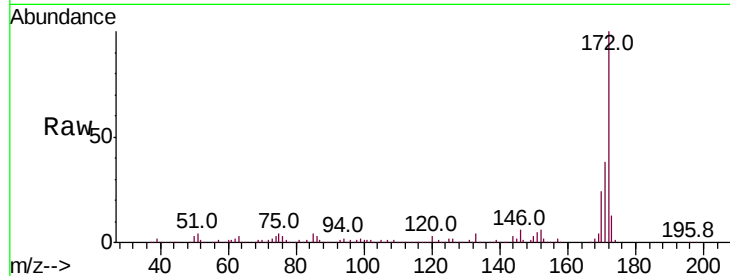
#45
 2-Fluorobiphenyl
 Concen: 83.547 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	436177		
171	37.8		29.8	44.6
170	24.2		19.5	29.3

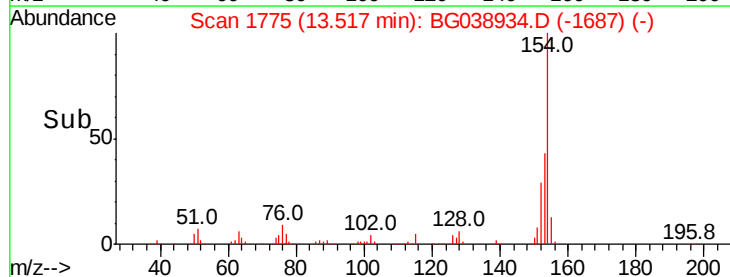
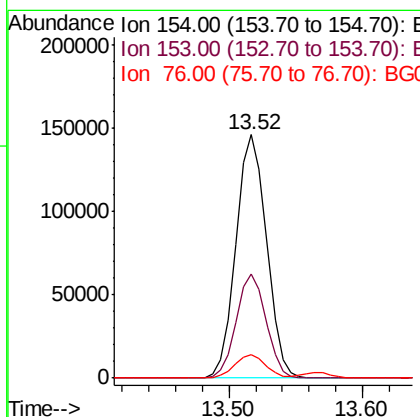
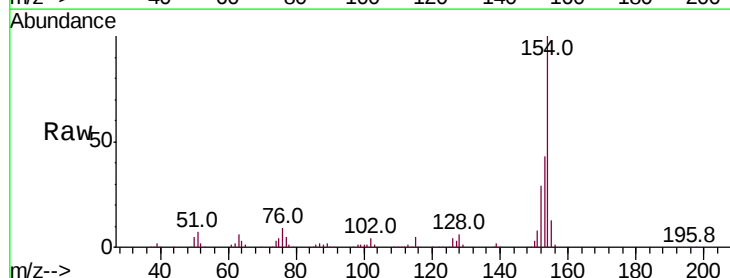
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#46
 1,1'-Biphenyl
 Concen: 38.569 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	231571		
153	42.6		22.1	62.1
76	9.5		0.0	31.2





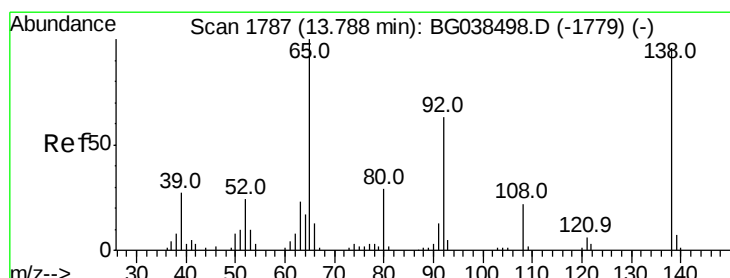
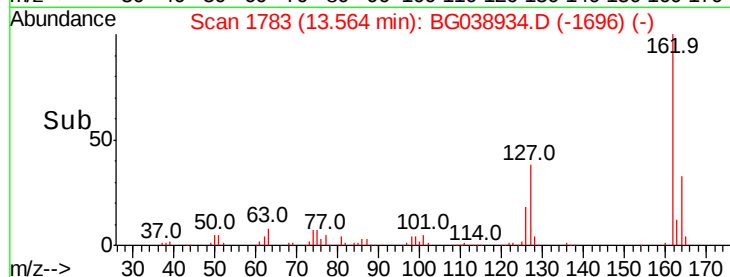
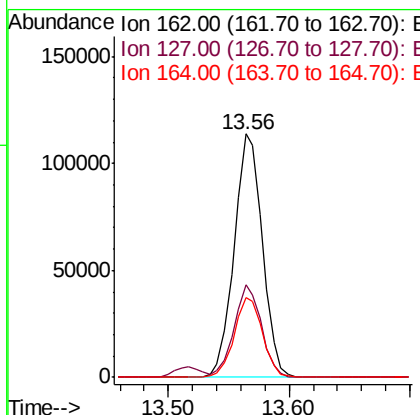
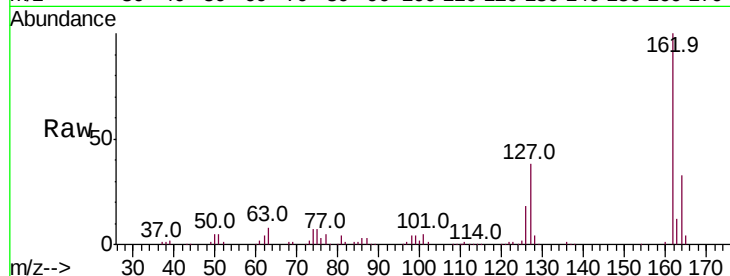
#47
 2-Chloronaphthalene
 Concen: 39.859 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	27.8	41.8
164	32.9	26.9	40.3

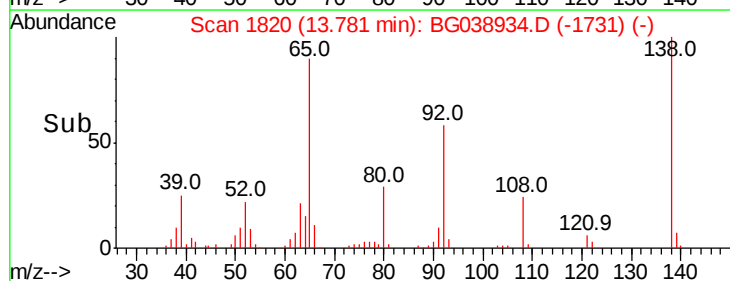
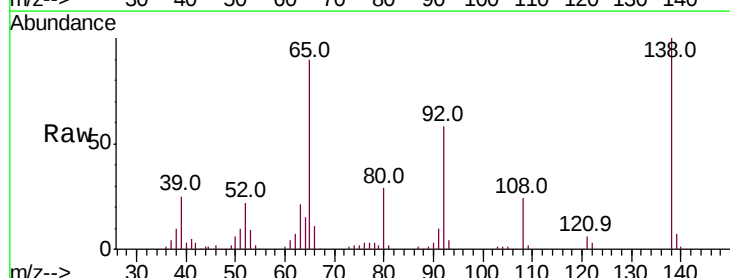
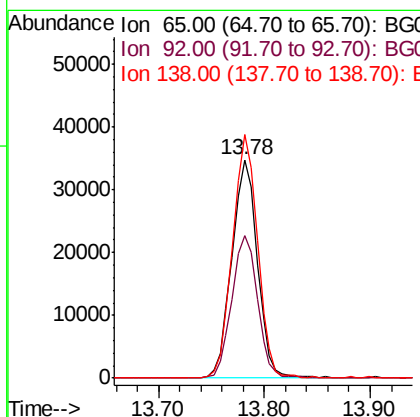
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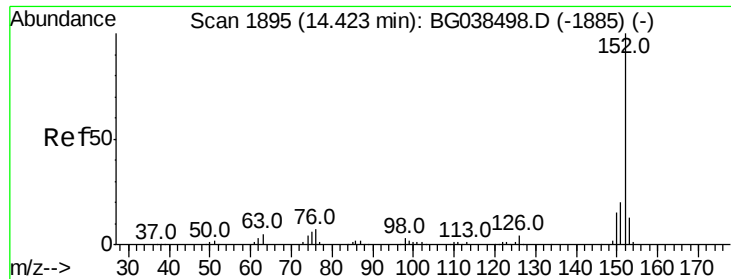
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#48
 2-Nitroaniline
 Concen: 39.345 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	50.0	75.0
138	111.6	76.9	115.3





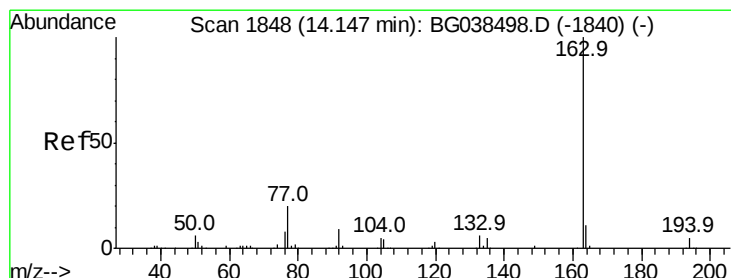
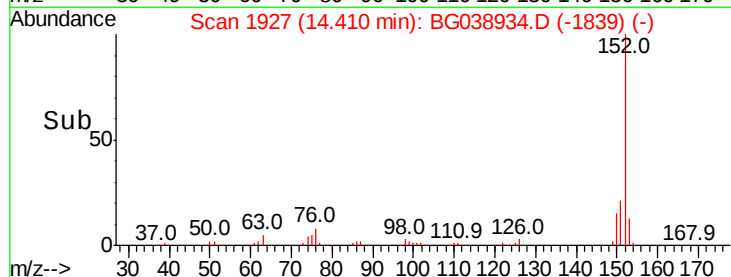
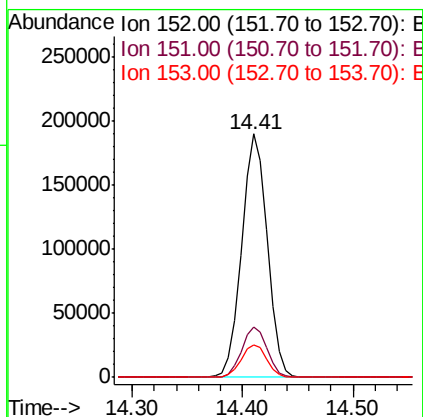
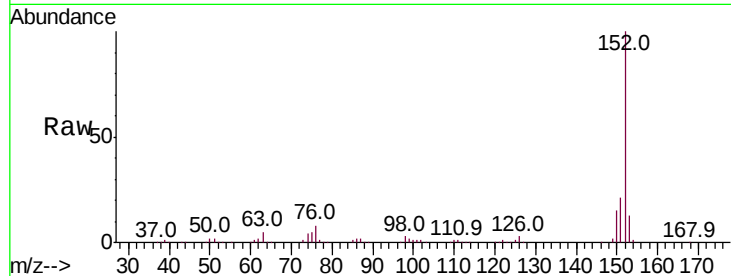
#49
Acenaphthylene
Concen: 44.443 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion:	152	Resp:	308142
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.4	24.6
153	13.2	10.4	15.6

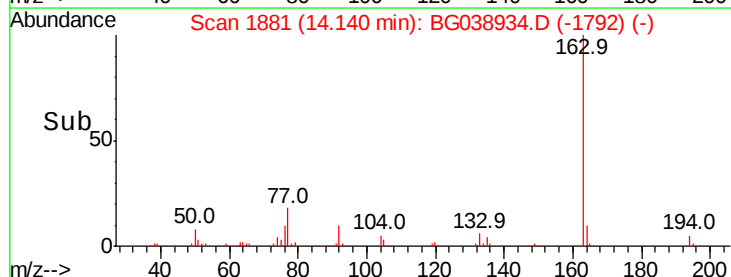
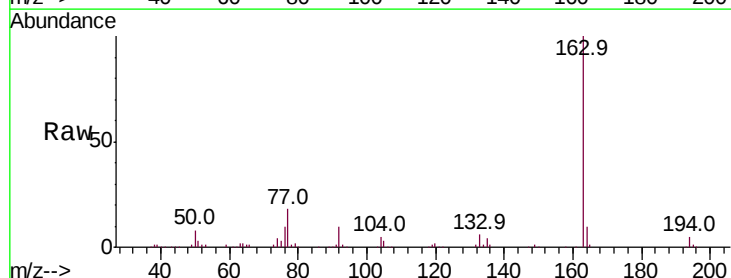
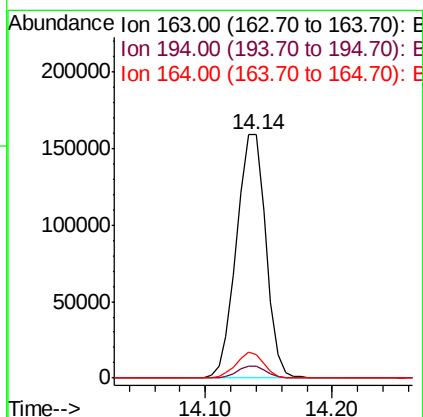
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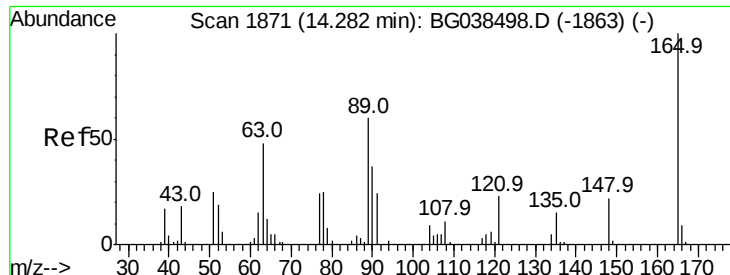
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#50
Dimethylphthalate
Concen: 43.723 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion:	163	Resp:	255727
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.7	5.5
164	9.8	8.6	12.8





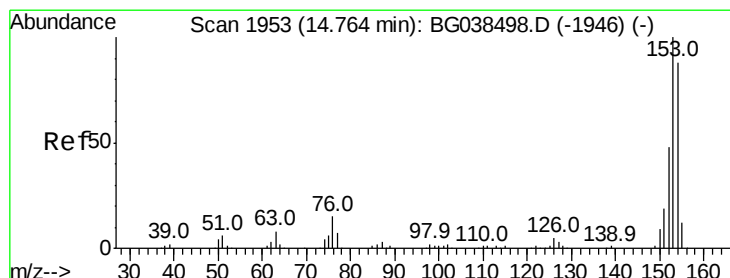
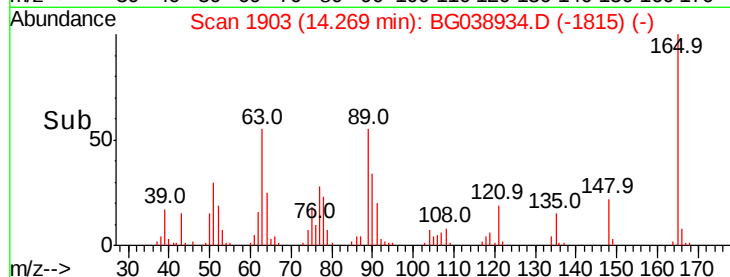
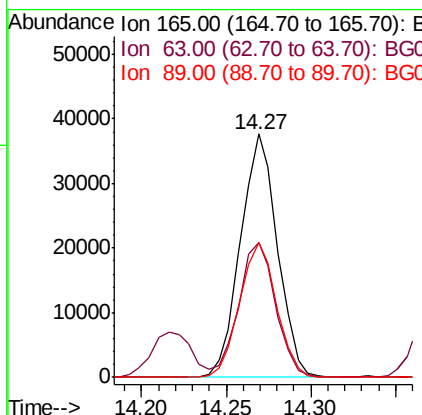
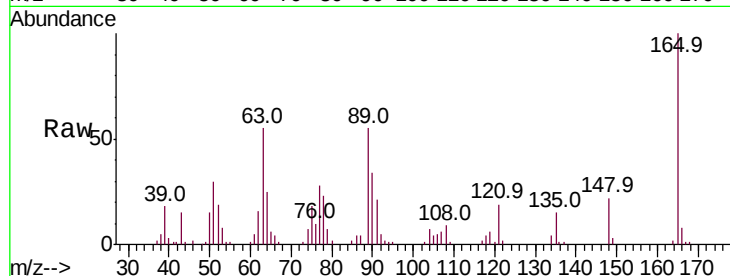
#51
 2,6-Dinitrotoluene
 Concen: 43.204 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.4	51.8	77.6
89	55.2	47.9	71.9

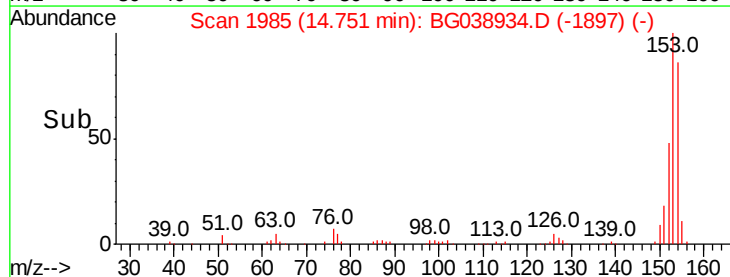
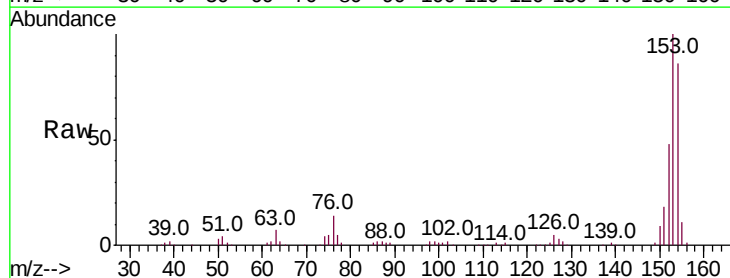
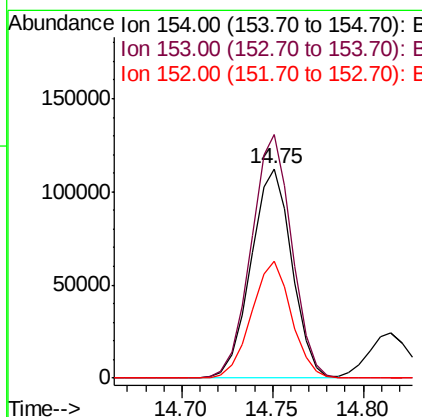
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#52
 Acenaphthene
 Concen: 42.746 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.1	90.6	136.0
152	55.8	43.5	65.3





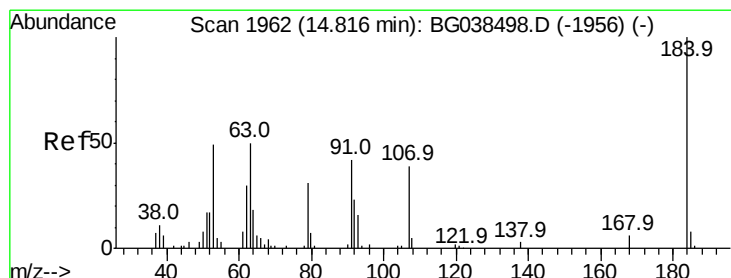
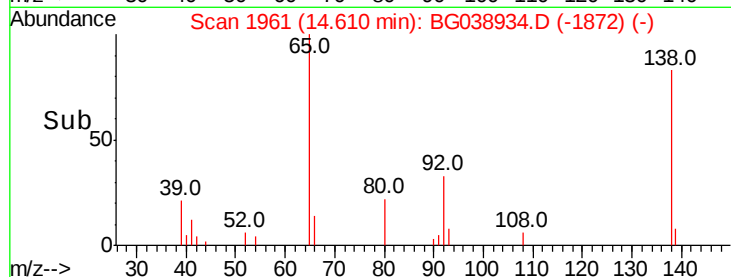
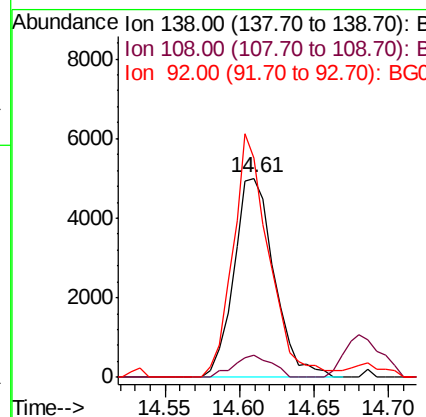
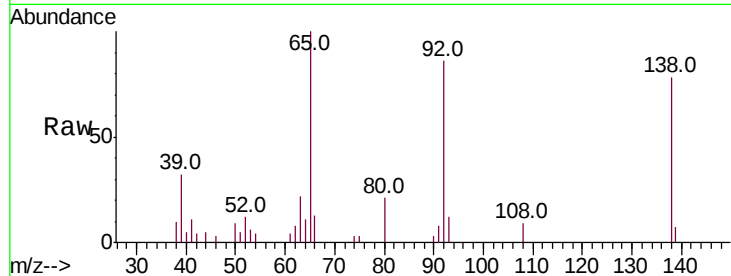
#53
3-Nitroaniline
Concen: 6.953 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.9	11.9
92	110.2	95.3	142.9

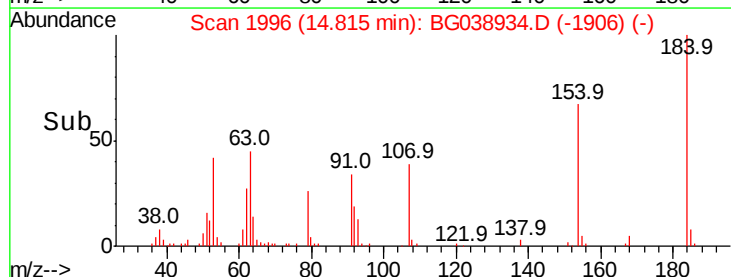
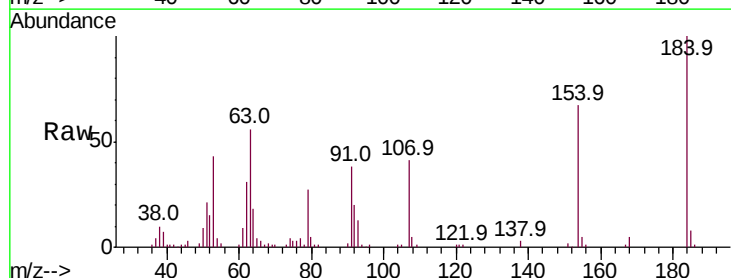
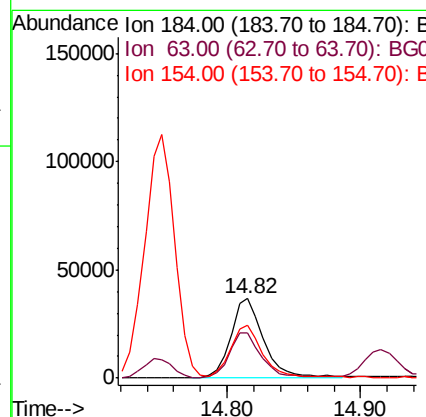
Manual Integrations
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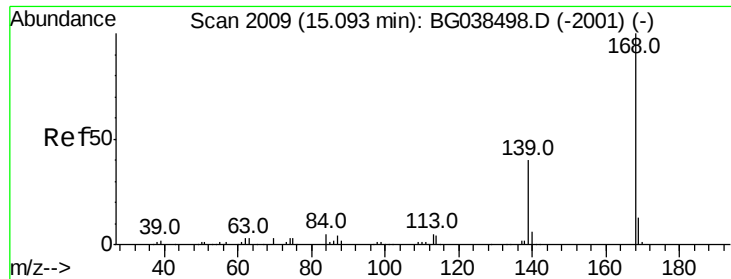
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#54
2,4-Dinitrophenol
Concen: 80.804 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	47.0	70.6
154	66.7	50.3	75.5





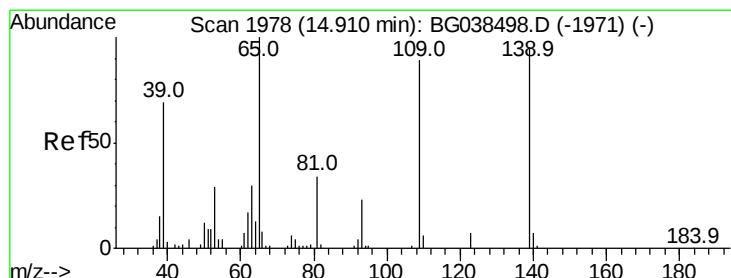
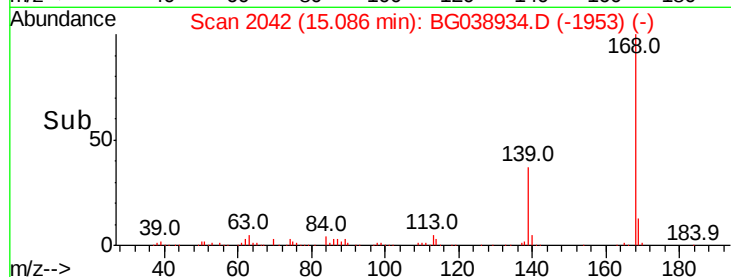
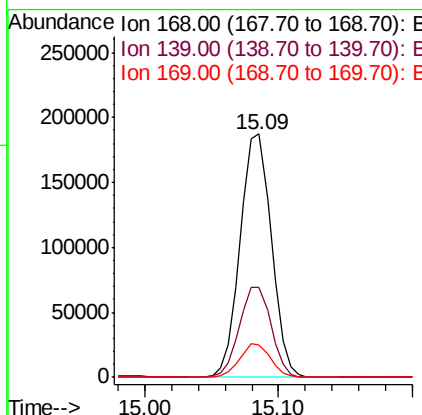
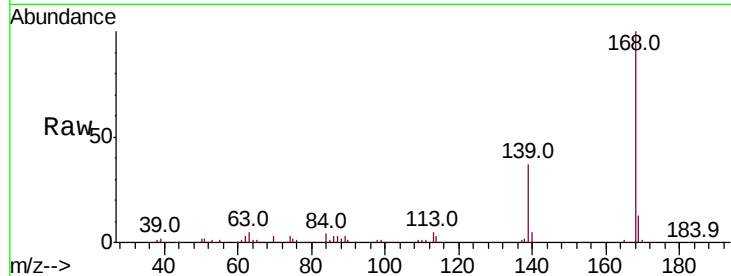
#55
Dibenzenofuran
Concen: 42.668 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.2	48.2
169	13.3	10.6	16.0

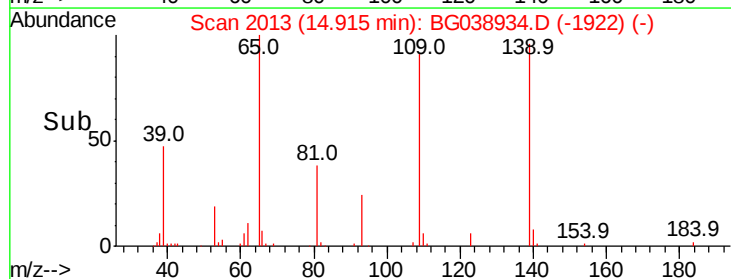
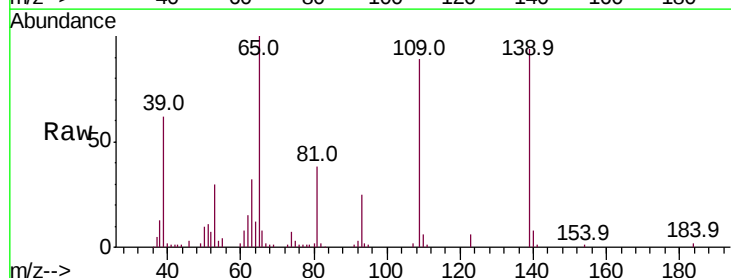
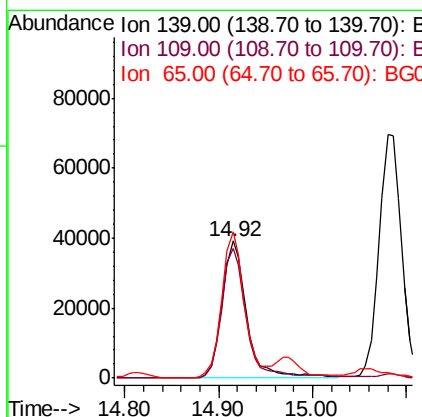
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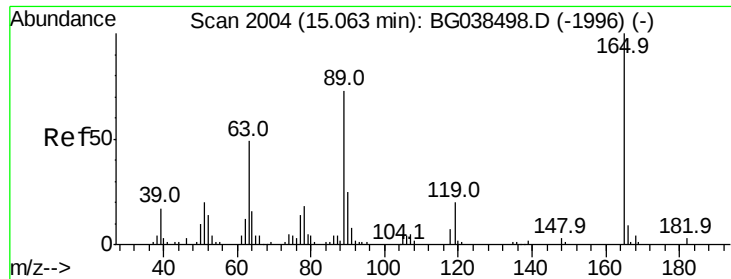
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#56
4-Nitrophenol
Concen: 70.178 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.9	73.6	113.6
65	106.2	84.8	124.8





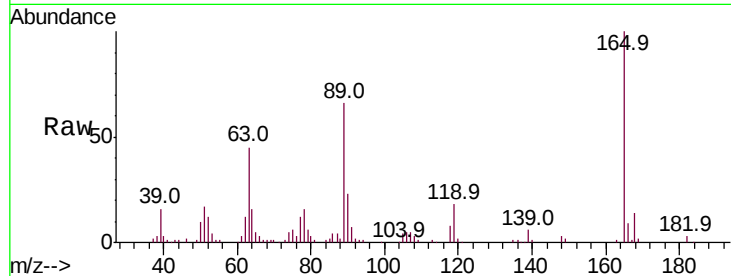
#57
 2,4-Dinitrotoluene
 Concen: 43.313 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.2	39.0	58.4	
89	66.1	58.0	87.0	
182	3.4	2.3	3.5	

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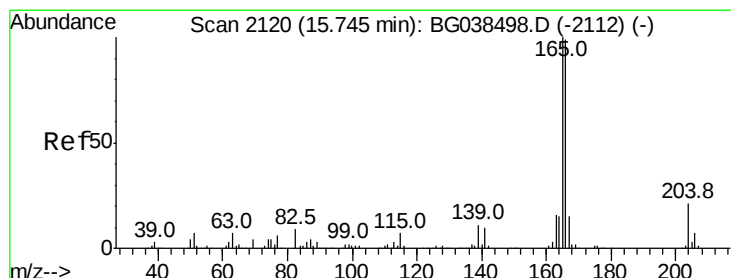
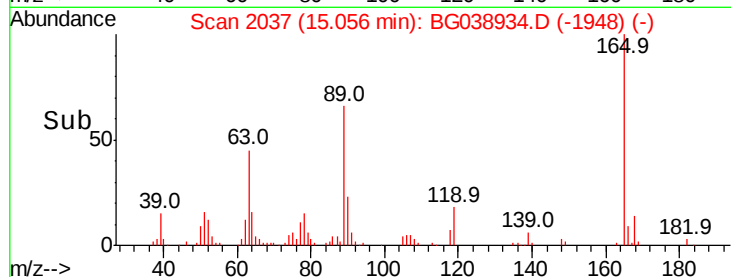
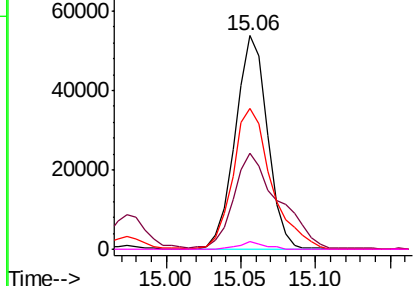
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.699 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

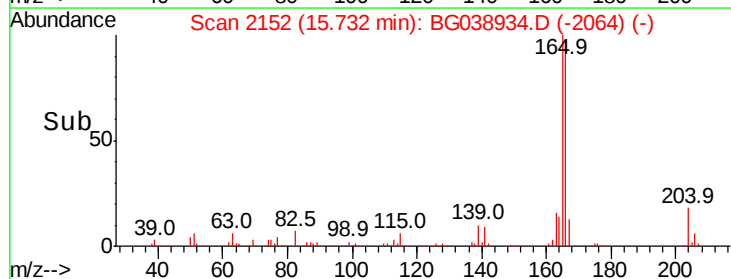
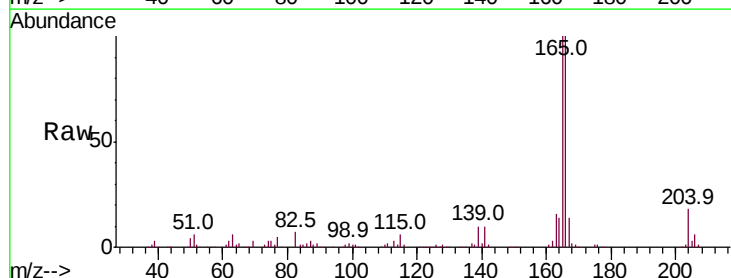
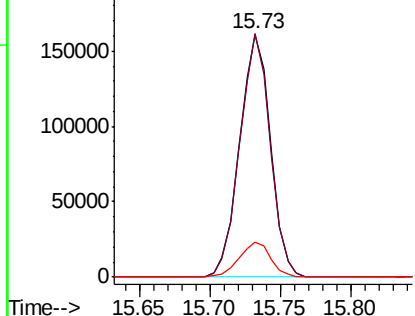
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	80.6	120.8	
167	14.2	12.0	18.0	

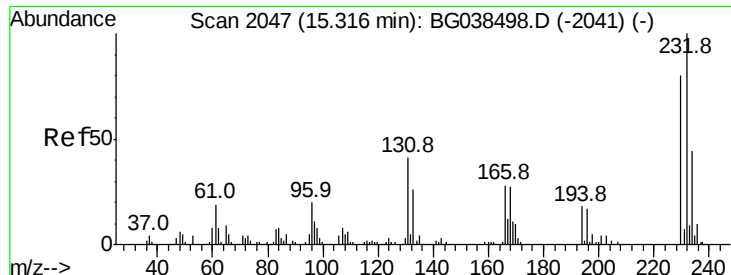
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





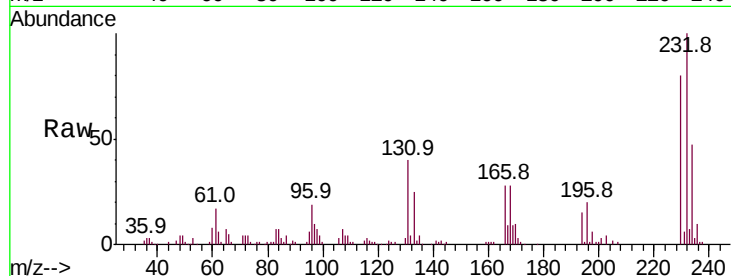
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.138 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Tot Ion:	232	Resp:	78617
Ion Ratio	Lower	Upper	
232	100		
131	38.8	33.0	49.4
130	2.2	2.0	3.0
166	27.4	23.1	34.7

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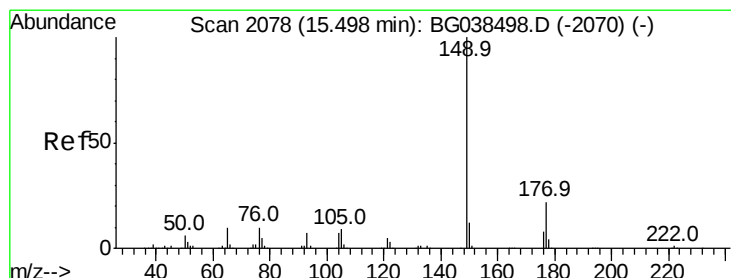
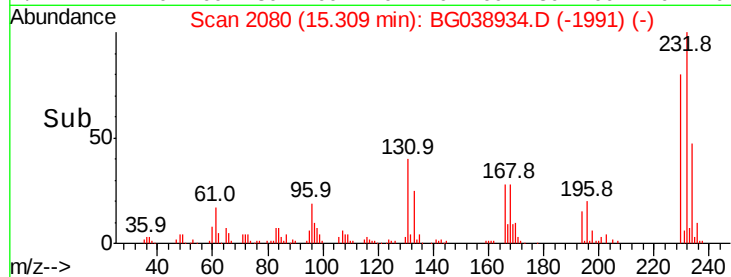
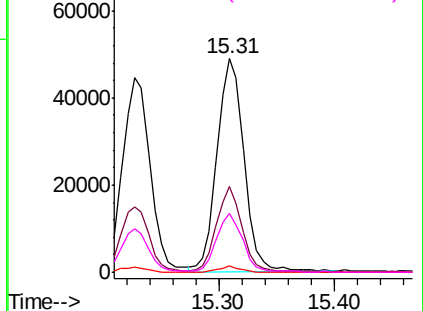
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

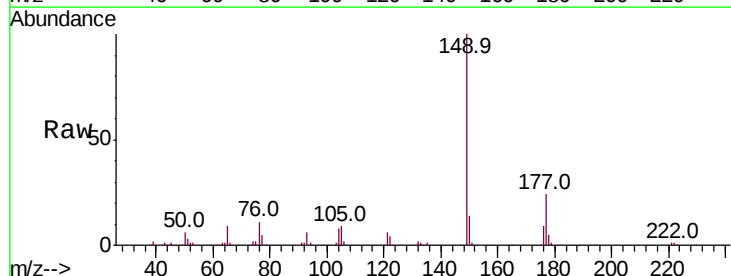
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.469 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion:	149	Resp:	259838
Ion Ratio	Lower	Upper	
149	100		
177	23.9	17.7	26.5
150	13.7	9.9	14.9

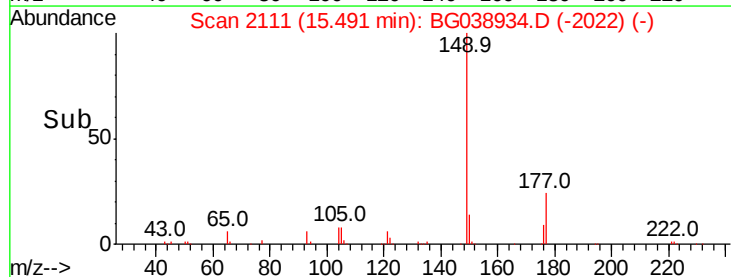
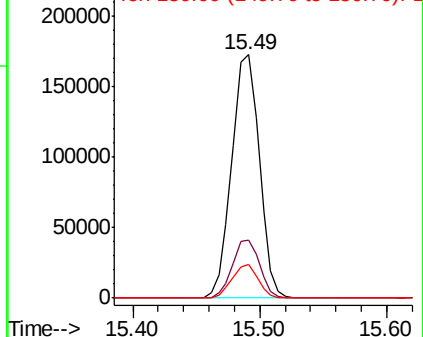


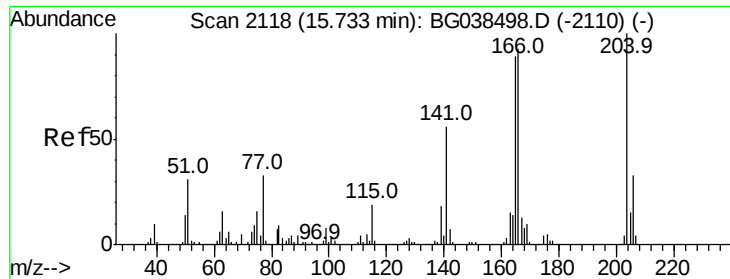
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





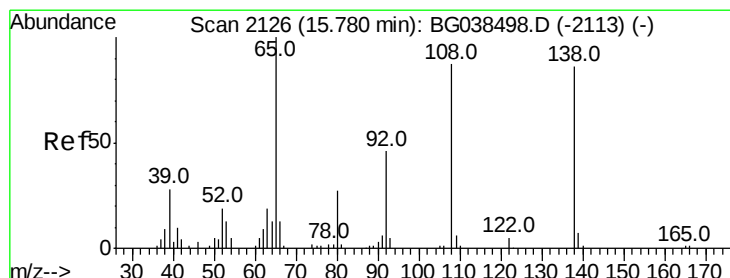
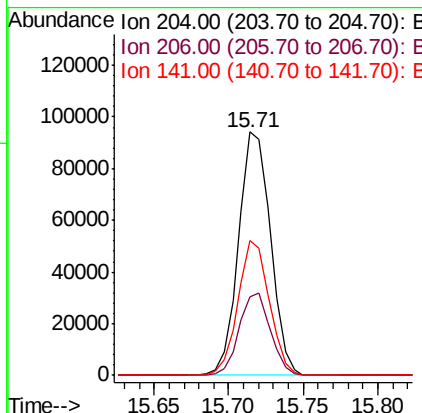
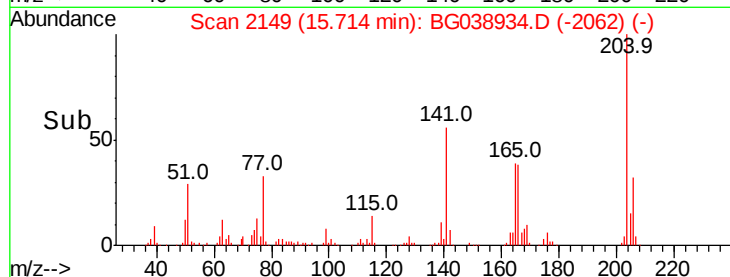
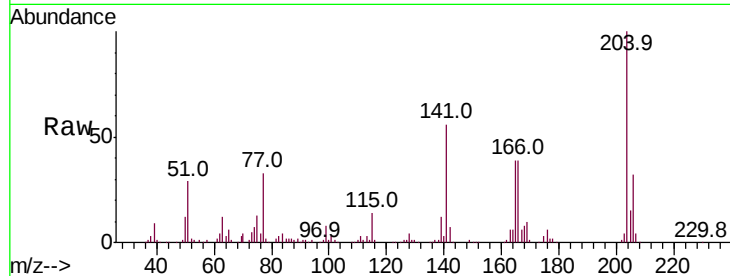
#61
4-Chlorophenyl-phenylether
Concen: 42.569 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	55.6	44.4	66.6

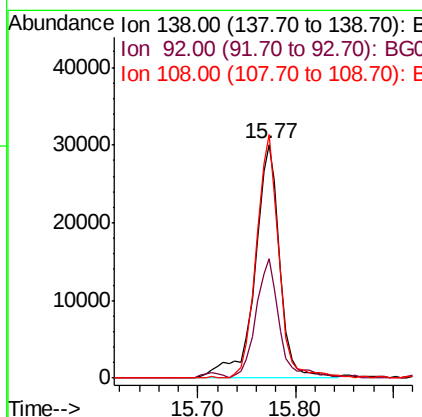
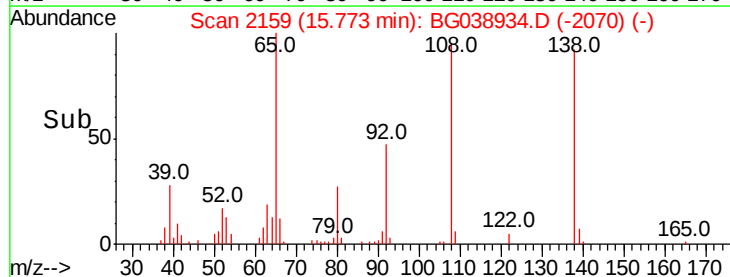
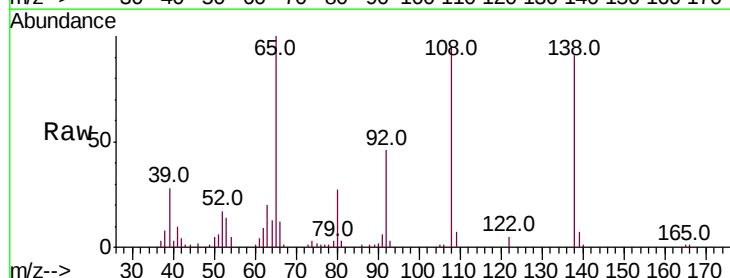
Manual Integrations
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#62
4-Nitroaniline
Concen: 38.923 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	33.3	73.3
108	104.3	81.4	121.4





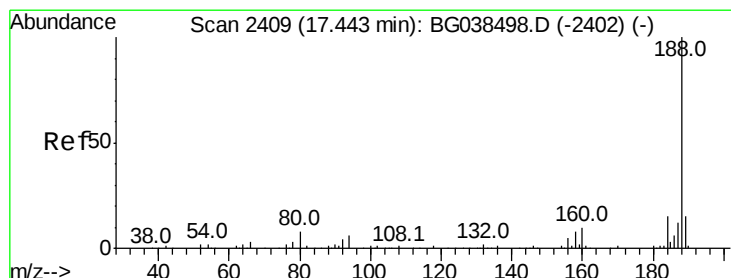
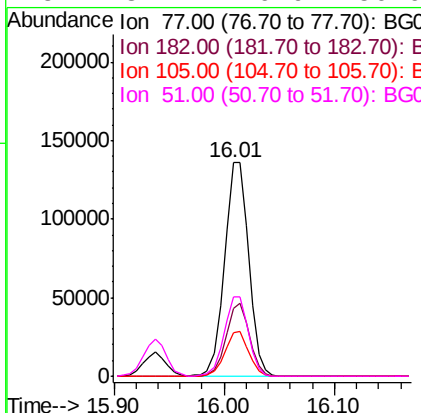
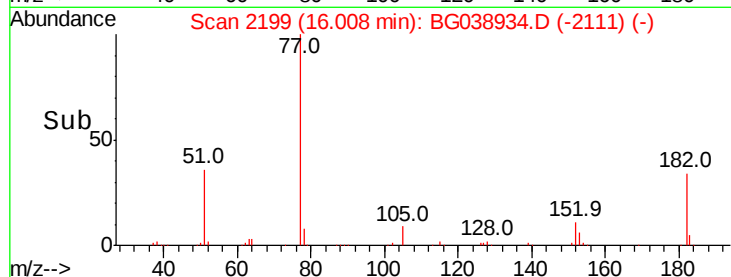
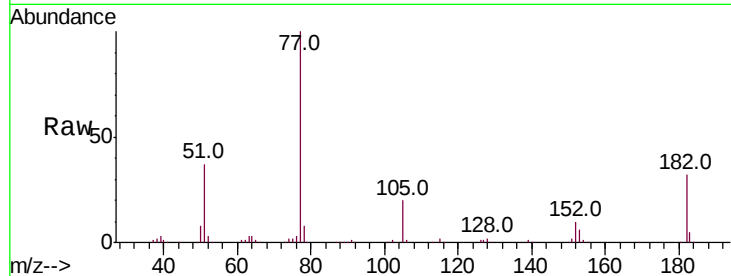
#63
Azobenzene
Concen: 38.949 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.0	8.7	48.7	
105	20.2	0.0	38.7	
51	37.2	16.6	56.6	

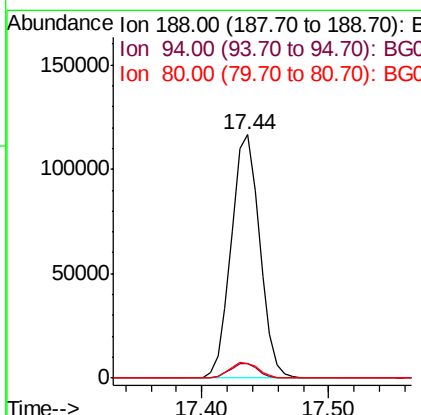
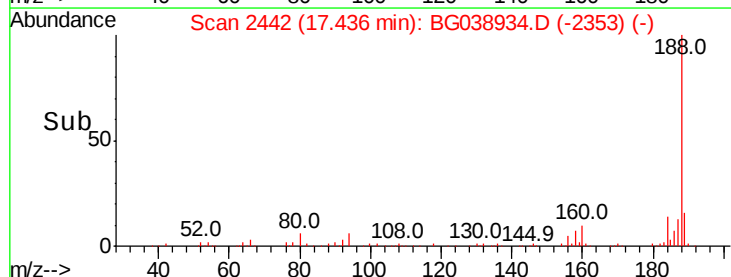
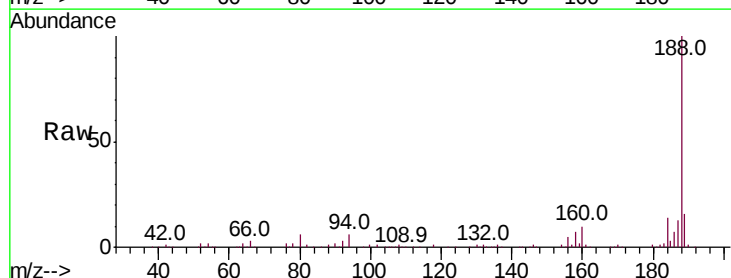
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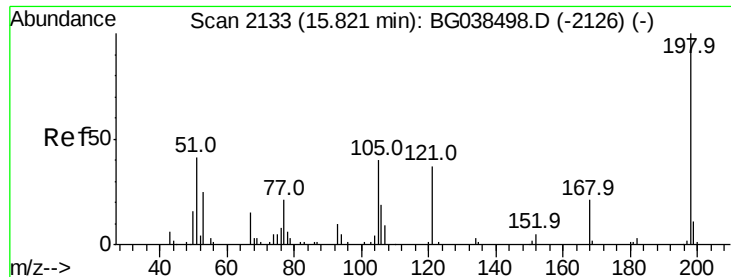
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.0	5.1	7.7	
80	5.8	6.1	9.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 40.790 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

ClientSampled :

TP-5MS

Tot Ion:198 Resp: 52674

Ion Ratio Lower Upper

198 100

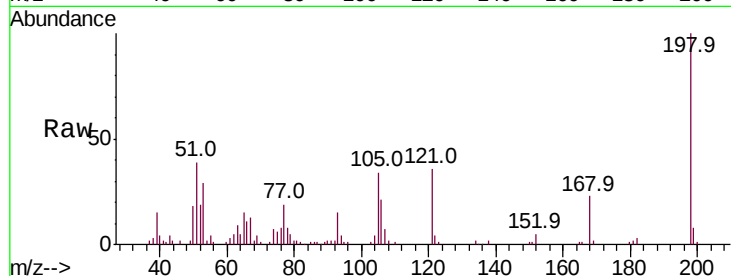
51 39.4 28.6 68.6

105 34.5 20.4 60.4

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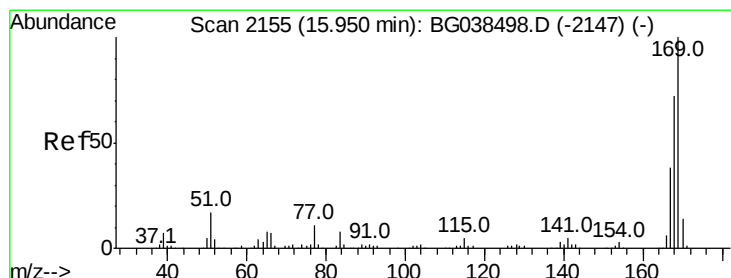
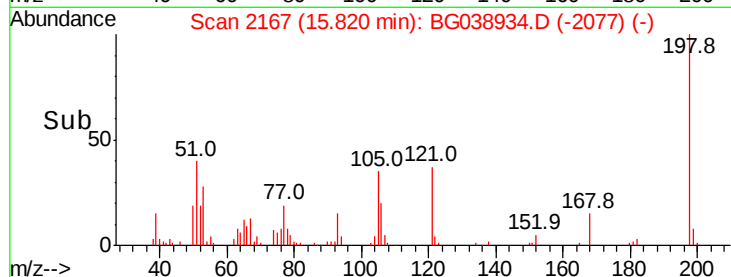
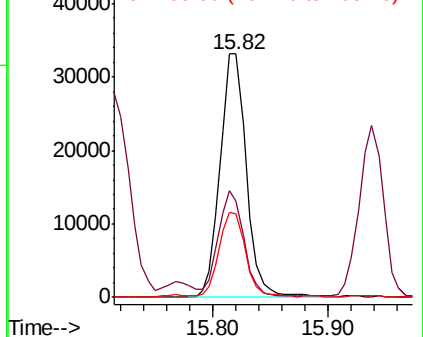
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.938 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

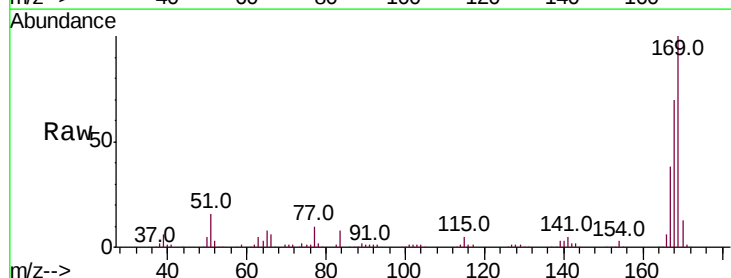
Tgt Ion:169 Resp: 223065

Ion Ratio Lower Upper

169 100

168 69.9 57.5 86.3

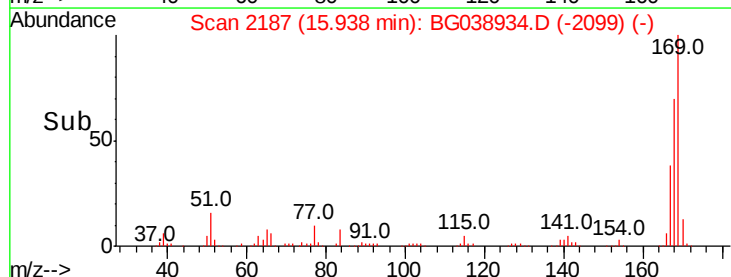
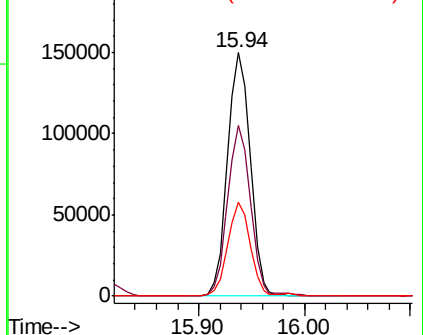
167 38.5 30.2 45.2



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





#67

4-Bromophenyl-phenylether

Concen: 43.800 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

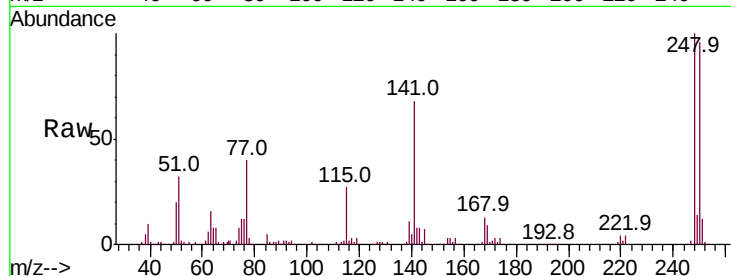
ClientSampled :

TP-5MS

Tot Ion:	248	Resp:	96835
Ion Ratio	Lower	Upper	
248	100		
250	96.5	73.4	110.2
141	67.9	52.9	79.3

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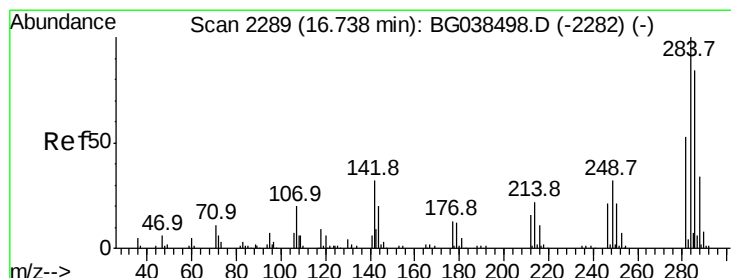
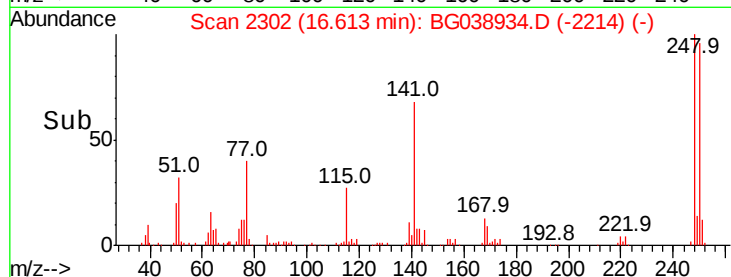
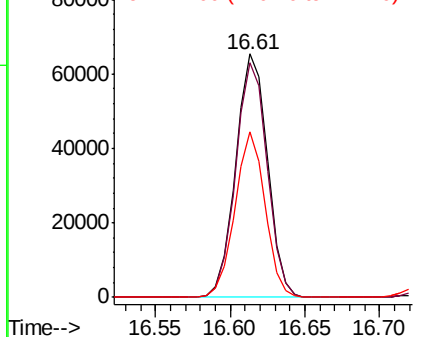


Abundance

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: 44.055 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

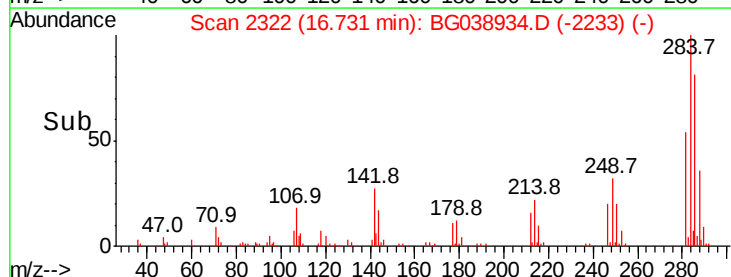
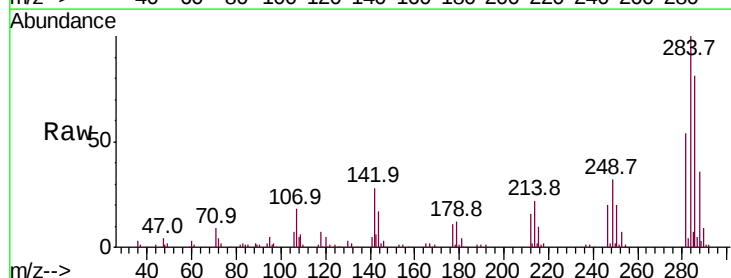
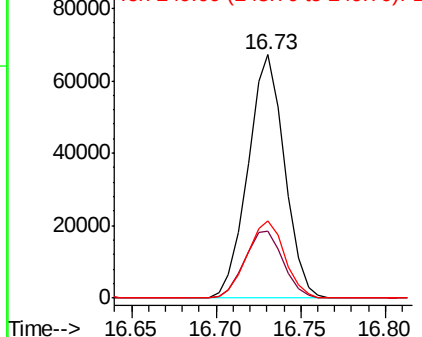
Tgt Ion:	284	Resp:	100966
Ion Ratio	Lower	Upper	
284	100		
142	27.7	25.8	38.6
249	34.4	27.0	40.4

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





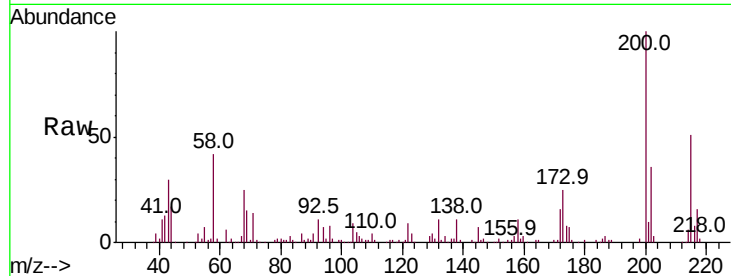
#69
 Atrazine
 Concen: 46.022 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampled :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	5.9	45.9
215	50.7	33.1	73.1

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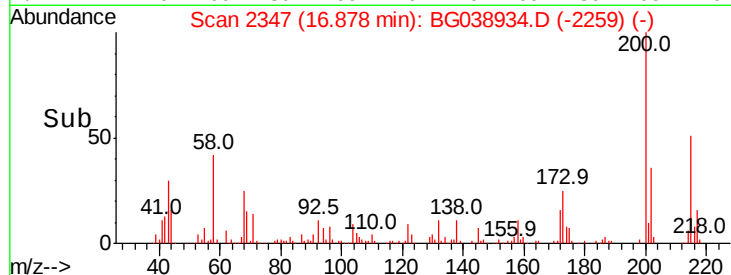
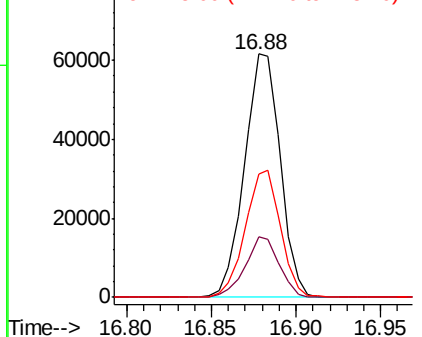


Abundance

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: 81.371 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

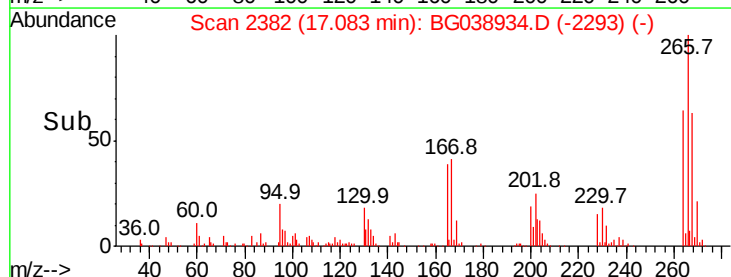
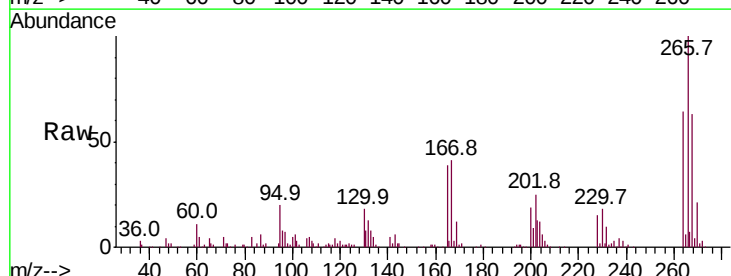
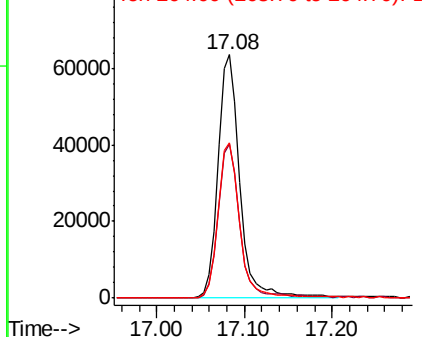
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	55.0	82.6
264	69.3	56.7	85.1

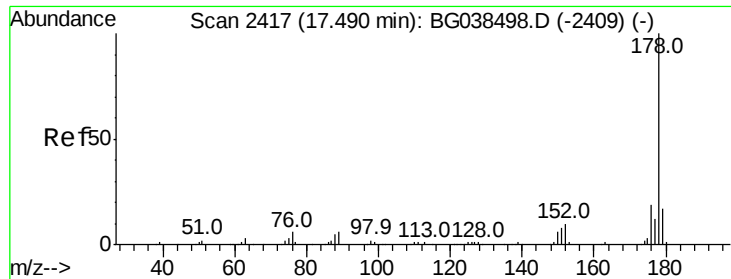
Abundance

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





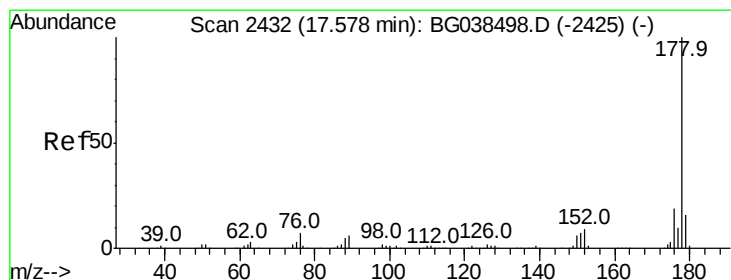
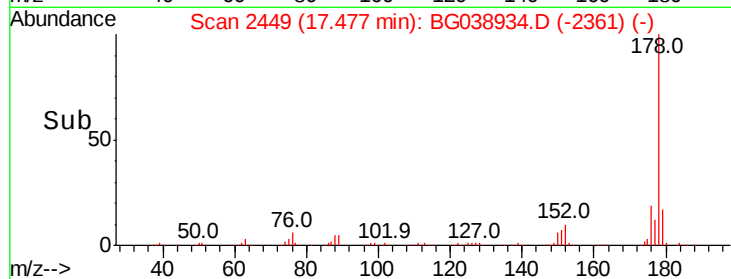
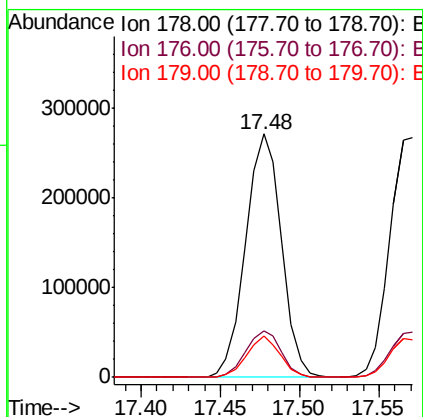
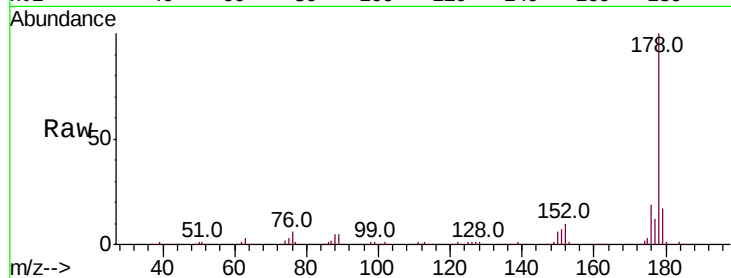
#71
 Phenanthrene
 Concen: 45.251 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	16.8	13.2	19.8

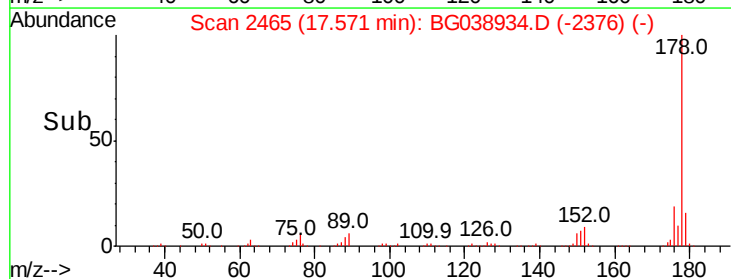
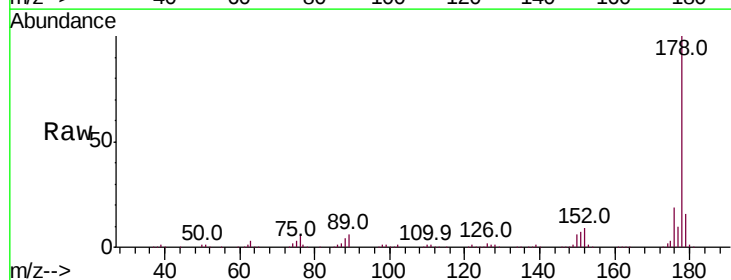
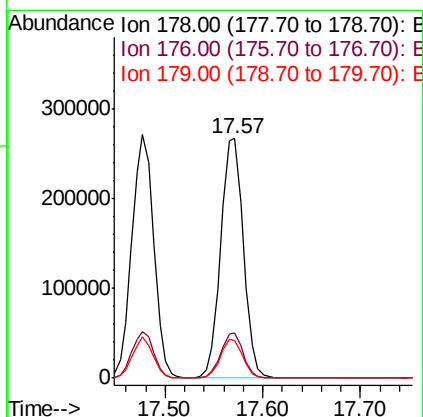
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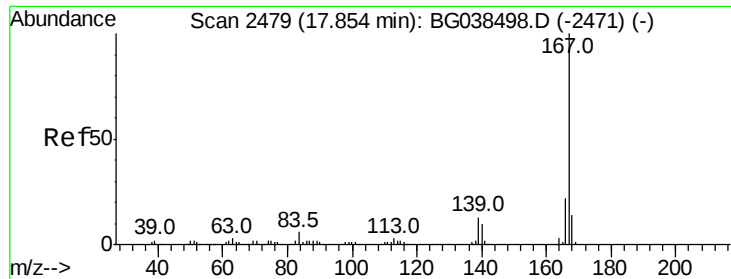
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#72
 Anthracene
 Concen: 46.318 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.7	12.9	19.3





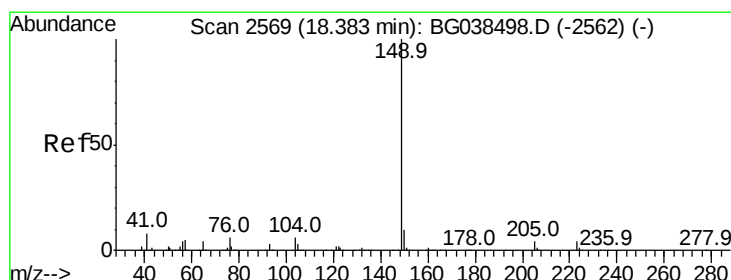
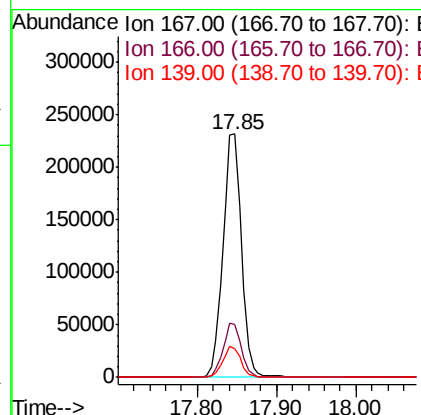
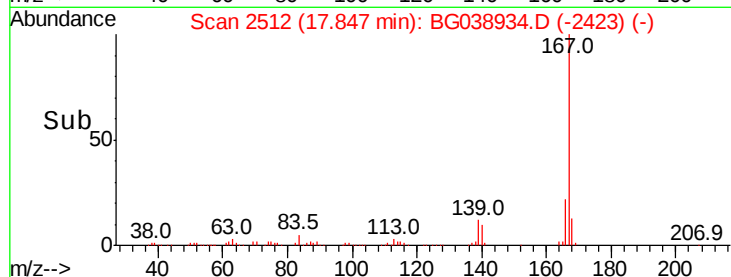
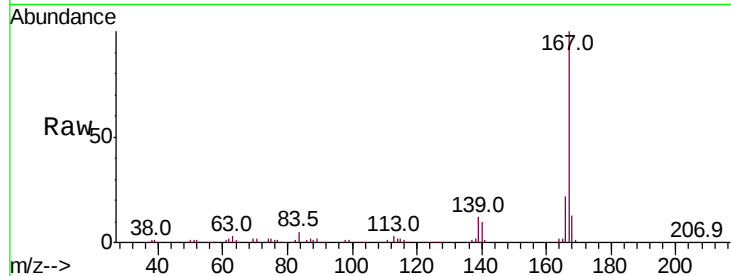
#73
 Carbazole
 Concen: 40.882 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-5MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.6	17.9	26.9	
139	12.0	10.2	15.2	

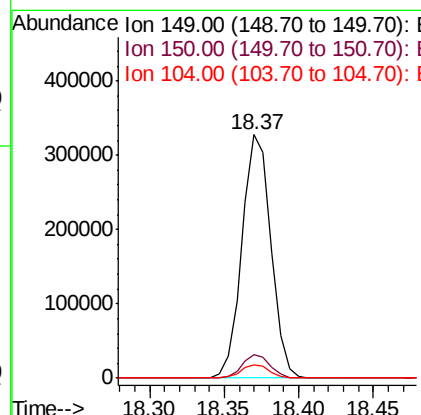
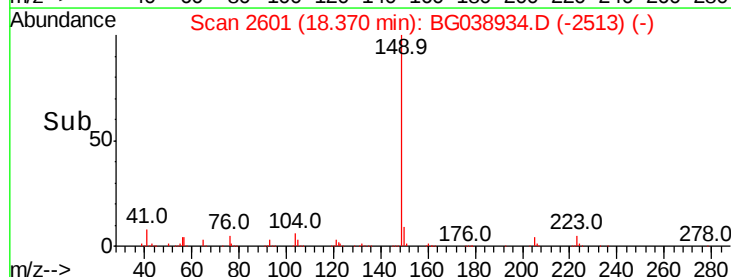
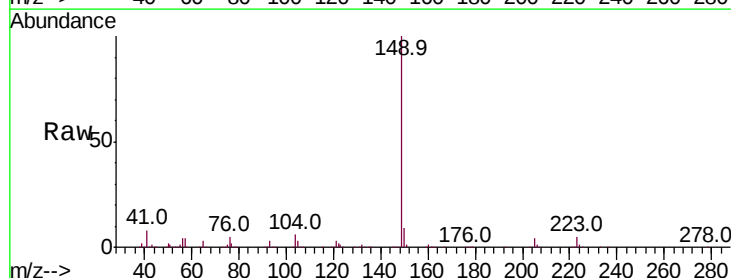
Manual Integrations
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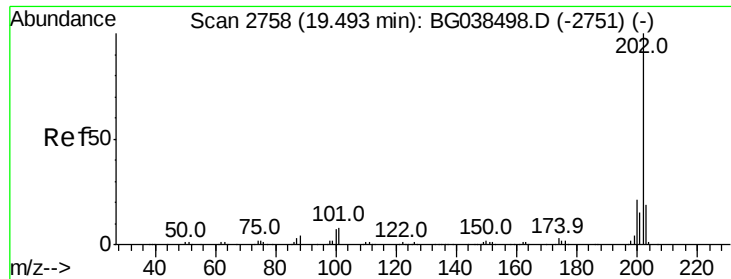
Sohil
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#74
 Di-n-butylphthalate
 Concen: 41.994 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.6	11.4	
104	5.6	5.0	7.4	





#75

Fluoranthene

Concen: 45.617 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

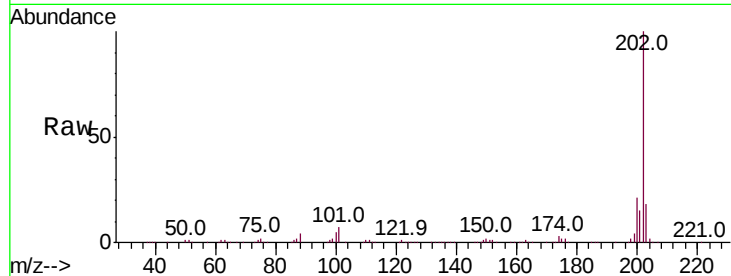
ClientSampled :

TP-5MS

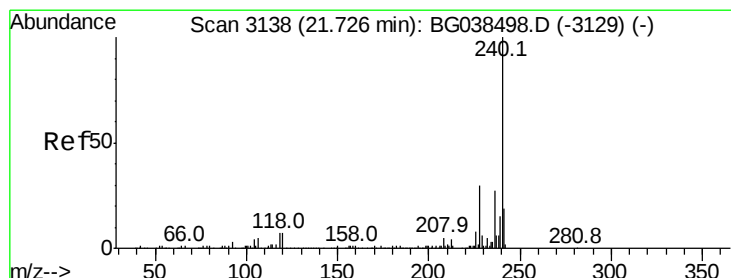
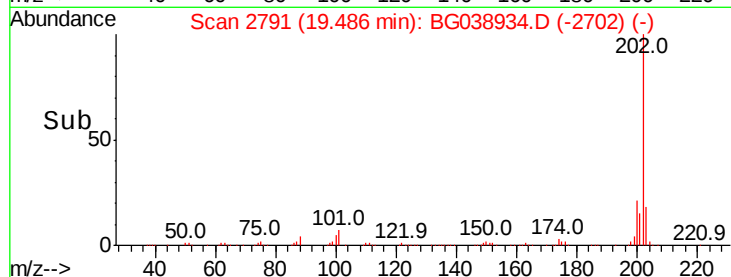
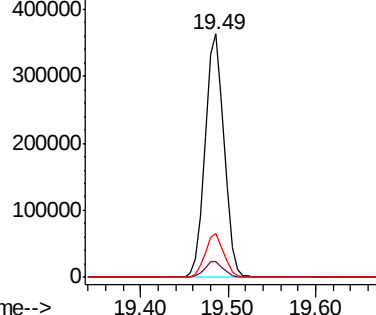
Tot Ion:	202	Resp:	529835
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	28.1
203	17.8	0.0	39.0

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: 21.71 min Scan# 3170

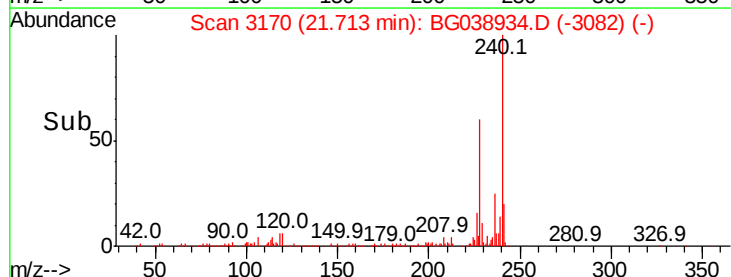
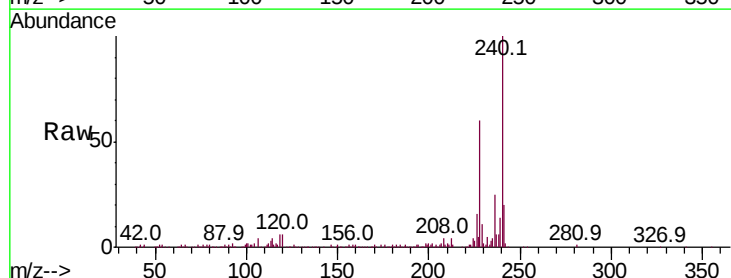
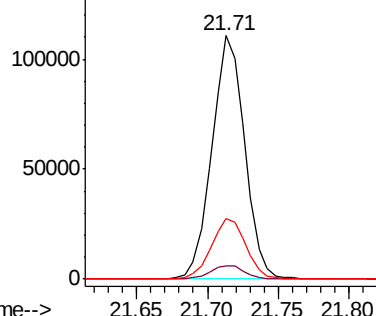
Delta R.T. -0.01 min

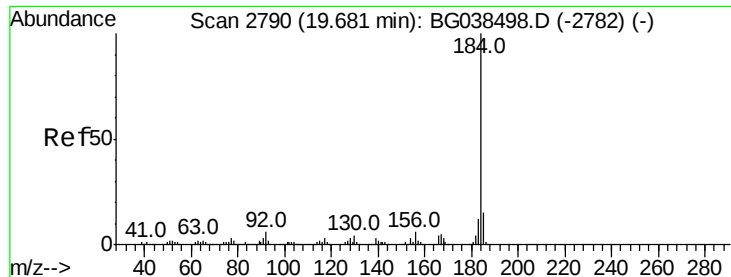
Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	240	Resp:	179695
Ion Ratio	Lower	Upper	
240	100		
120	5.6	5.3	7.9
236	24.9	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: 12.668 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

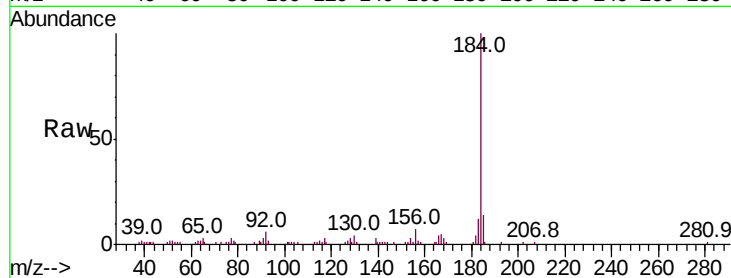
ClientSampleId :

TP-5MS

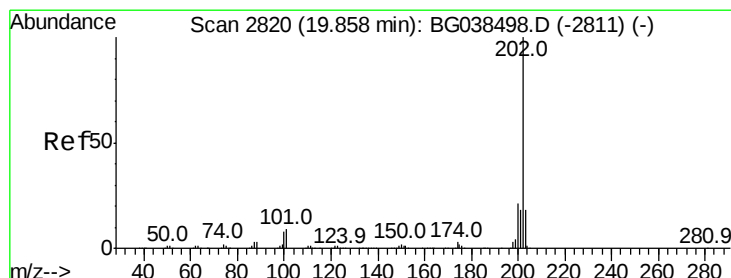
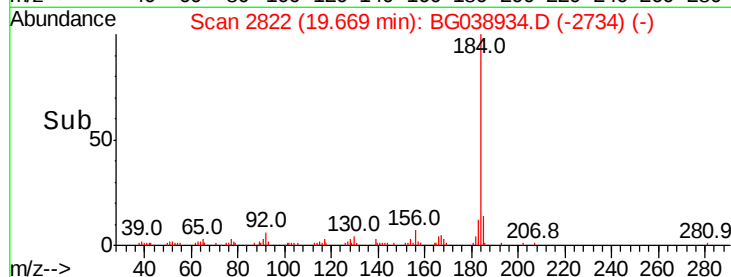
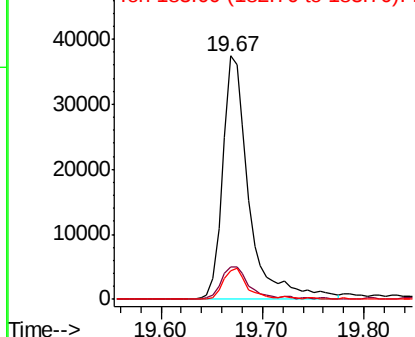
Tot Ion:	184	Resp:	67322
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.2	18.2
183	11.9	9.6	14.4

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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: 44.786 ng

RT: 19.85 min Scan# 2853

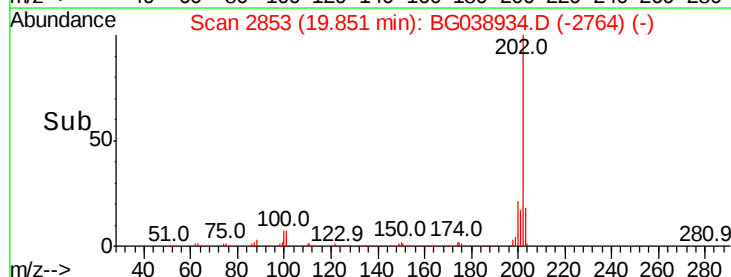
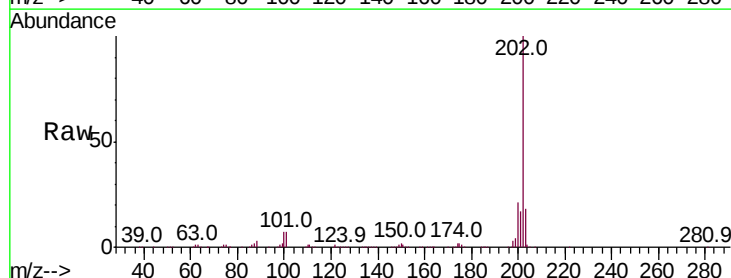
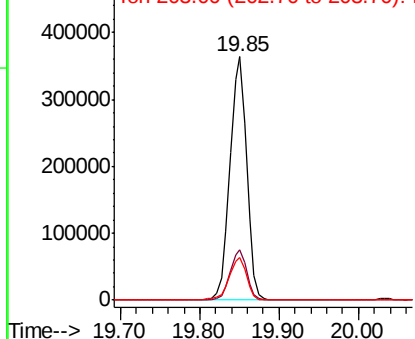
Delta R.T. -0.01 min

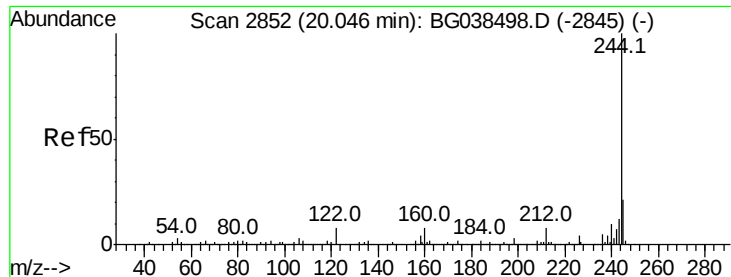
Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	202	Resp:	531659
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	25.0
203	17.5	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: 99.212 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

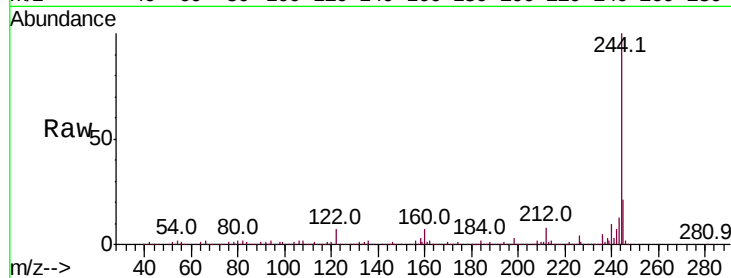
ClientSampled :

TP-5MS

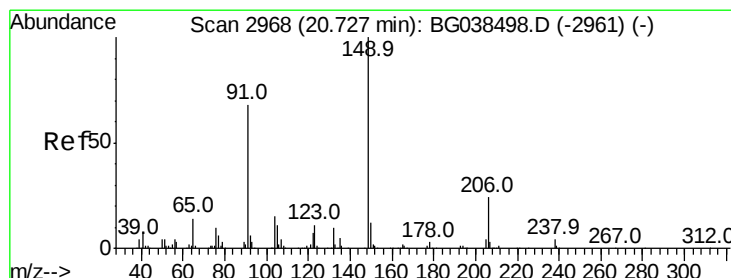
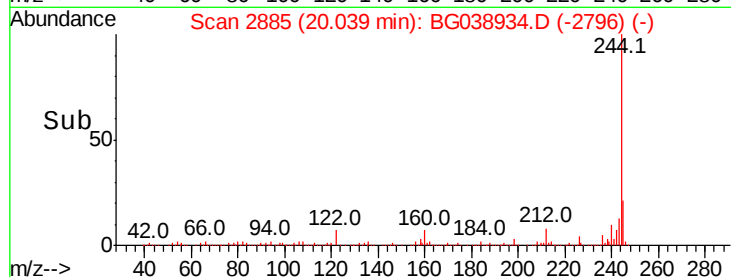
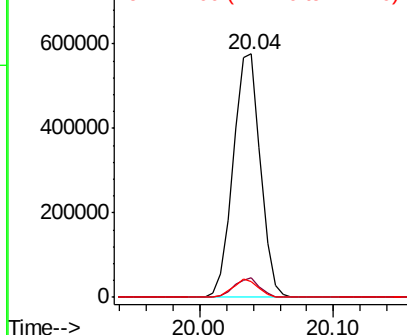
Tot Ion:244	Resp:	819175
Ion Ratio	Lower	Upper
244 100		
212 7.9	6.2	9.2
122 6.7	6.3	9.5

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



#80

Butylbenzylphthalate

Concen: 42.620 ng

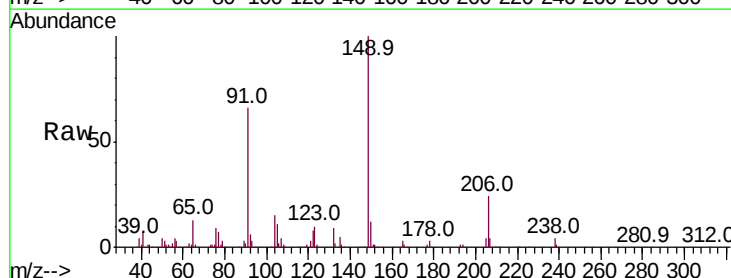
RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

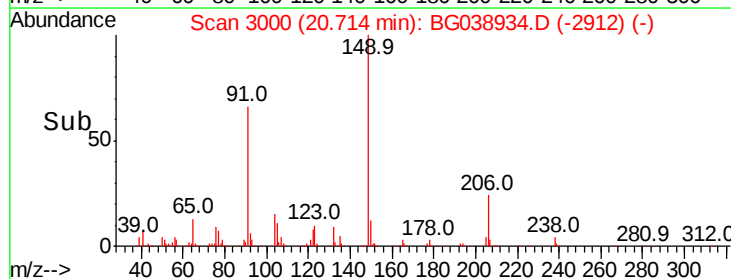
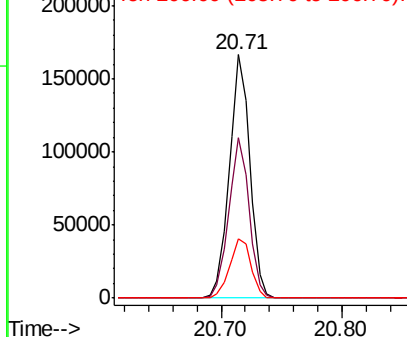
Lab File: BG038934.D

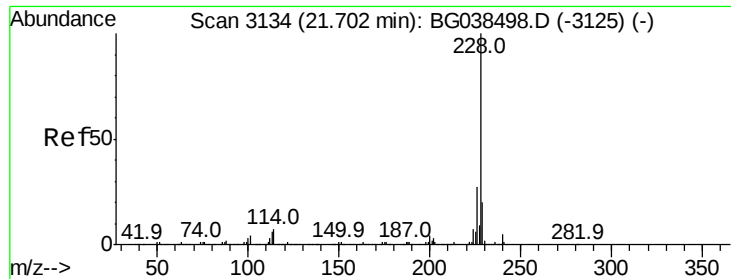
Acq: 4 Jan 2019 17:51

Tgt Ion:149	Resp:	197670
Ion Ratio	Lower	Upper
149 100		
91 65.9	54.5	81.7
206 24.4	19.0	28.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





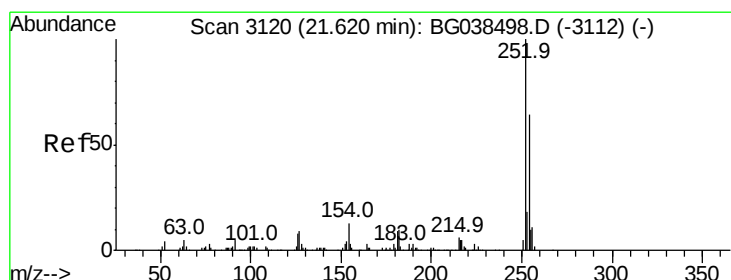
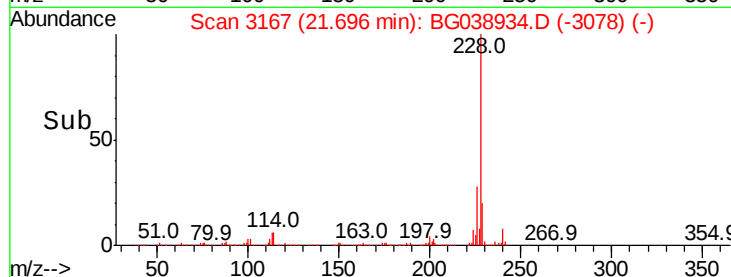
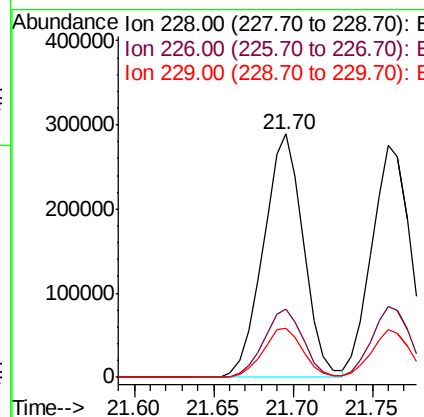
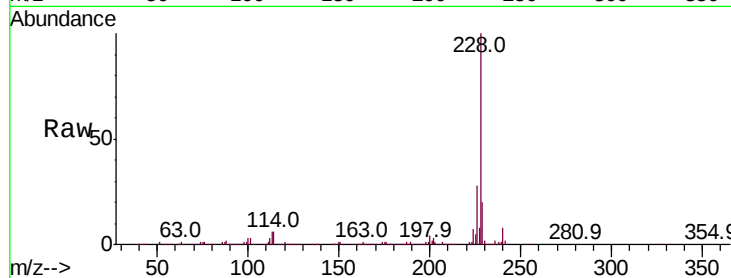
#81
Benzo(a)anthracene
Concen: 46.306 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.4	15.8	23.6

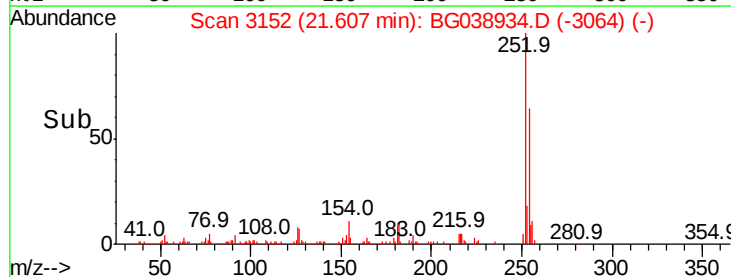
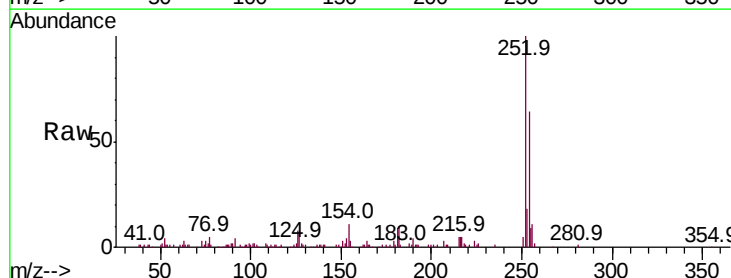
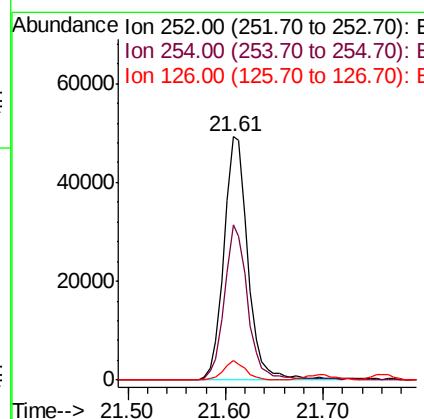
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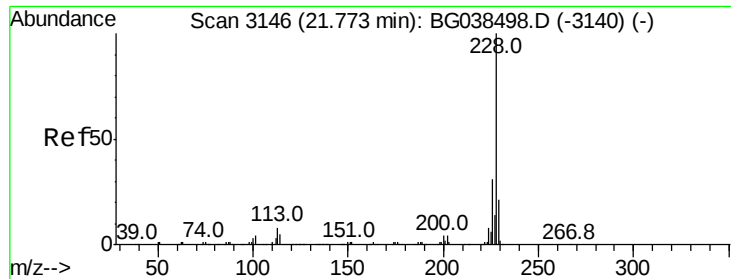
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#82
3,3'-Dichlorobenzidine
Concen: 19.336 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.9	76.3
126	8.3	6.3	9.5





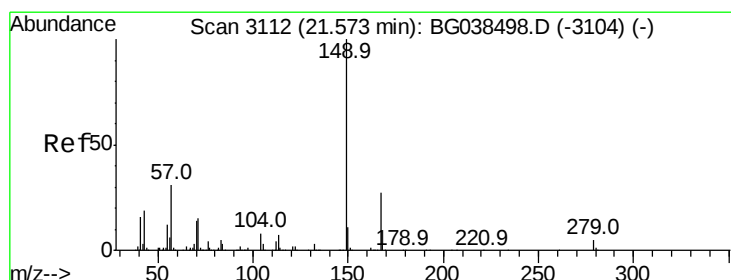
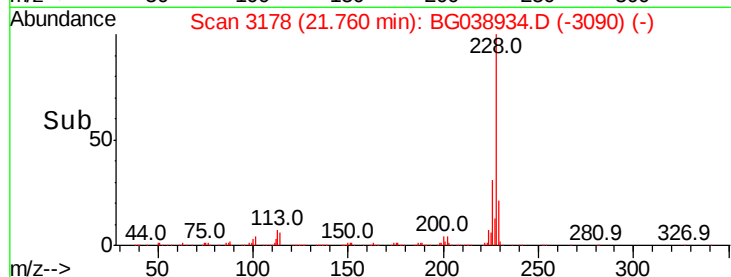
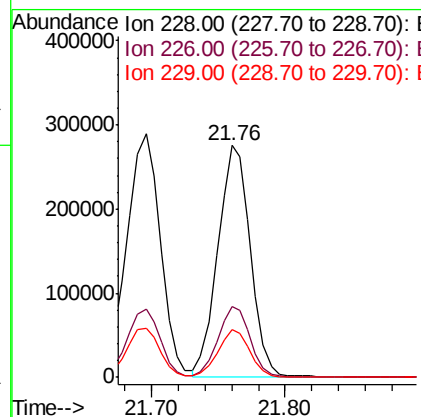
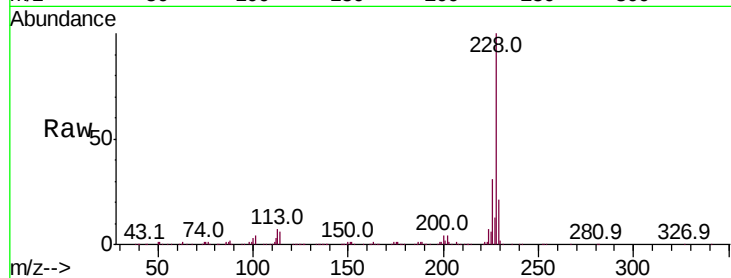
#83
 Chrysene
 Concen: 44.476 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Instrument :
 BNA_G
 ClientSampled :
 TP-5MS

Tot Ion:	228	Resp:	469081
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.0	37.4
229	20.8	16.5	24.7

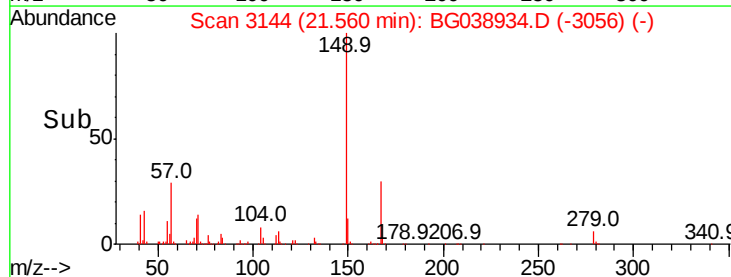
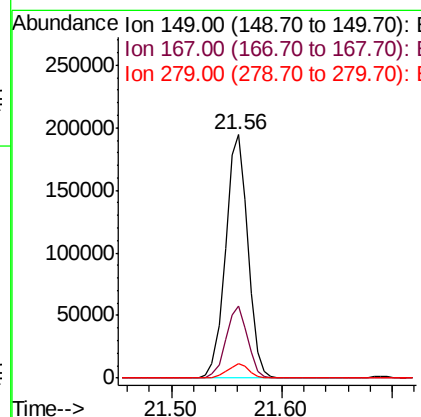
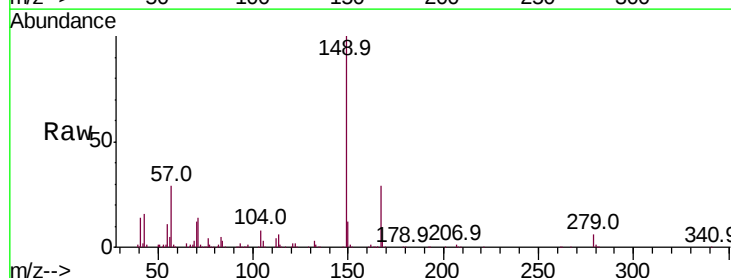
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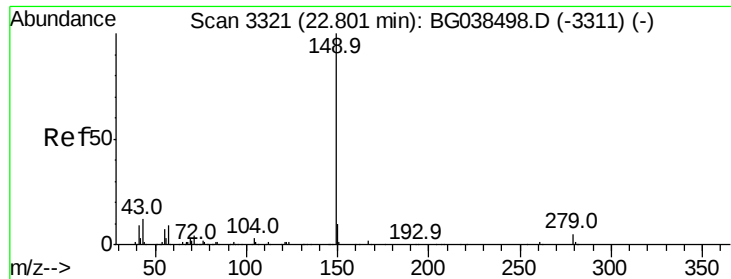
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.588 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038934.D
 Acq: 4 Jan 2019 17:51

Tgt Ion:	149	Resp:	273556
Ion Ratio	Lower	Upper	
149	100		
167	29.5	21.9	32.9
279	5.8	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 42.888 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

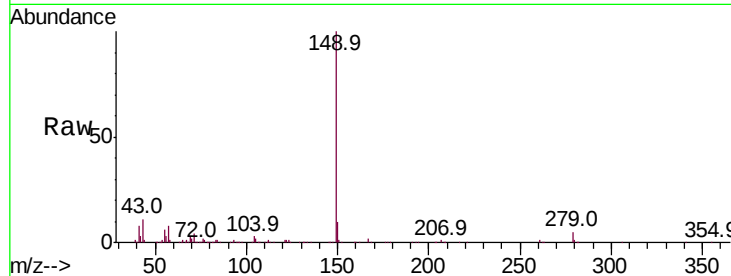
ClientSampleId :

TP-5MS

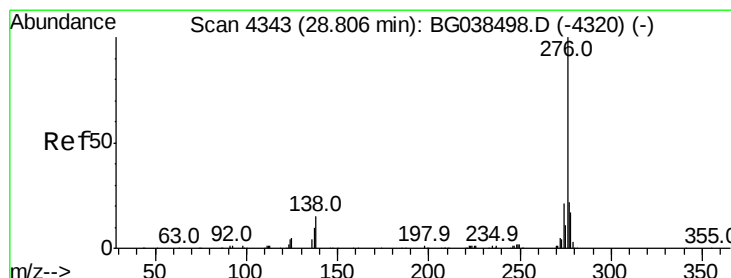
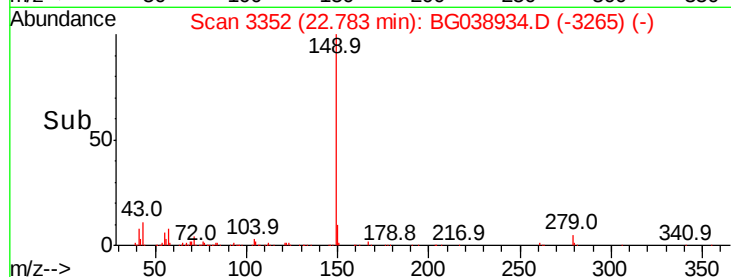
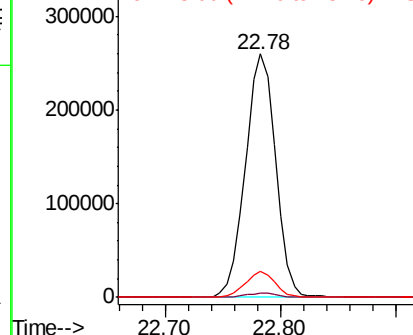
Tot Ion:	149	Resp:	472466
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.2	9.3	13.9

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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: 46.654 ng

RT: 28.79 min Scan# 4375

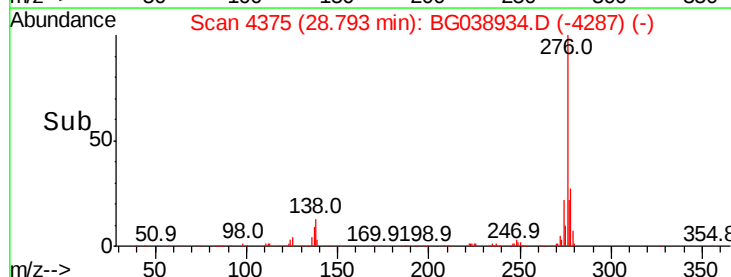
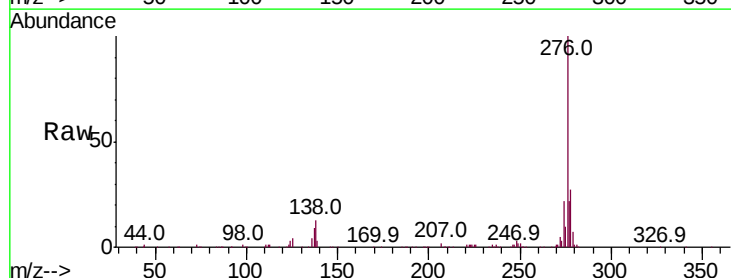
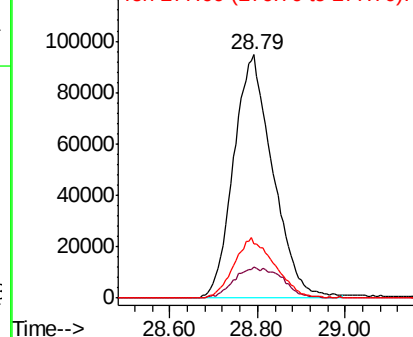
Delta R.T. -0.01 min

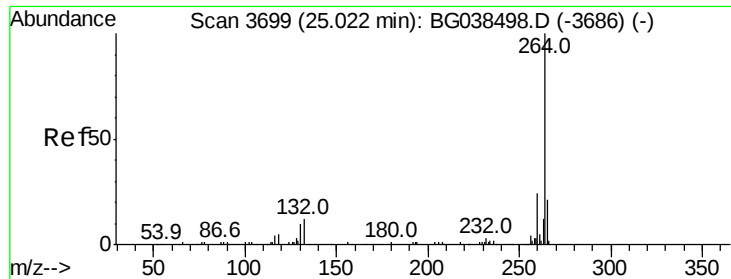
Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	276	Resp:	578483
Ion Ratio	Lower	Upper	
276	100		
138	15.5	14.4	21.6
277	25.5	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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

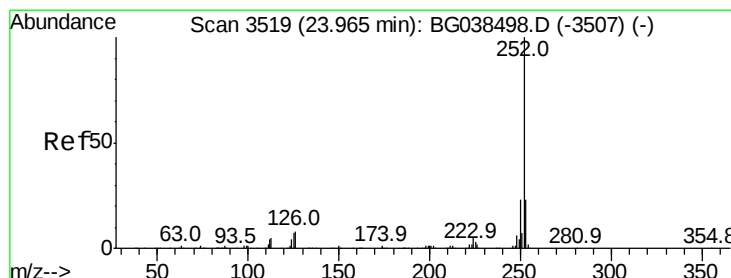
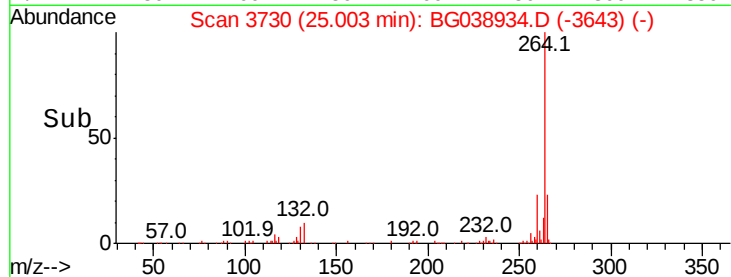
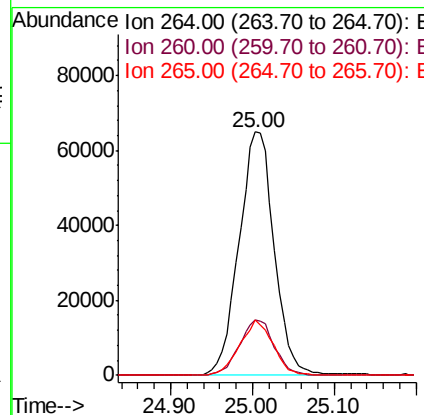
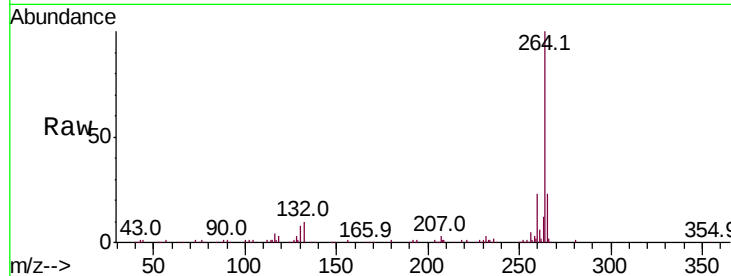
ClientSampleId :

TP-5MS

Tot Ion:	264	Resp:	194021
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.9	28.3
265	22.8	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 47.358 ng

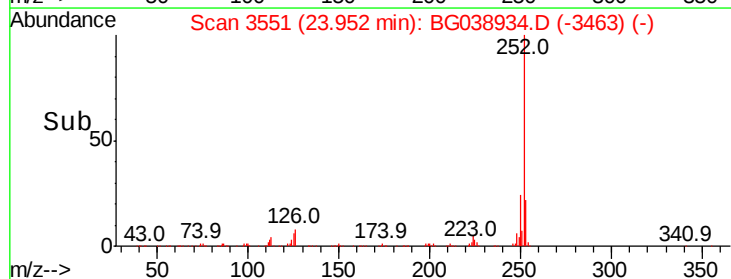
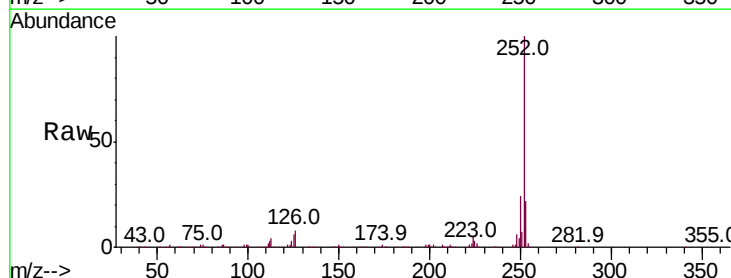
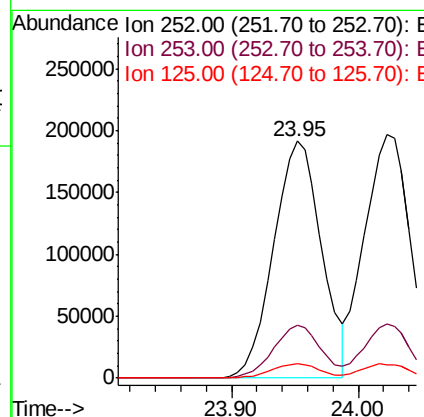
RT: 23.95 min Scan# 3551

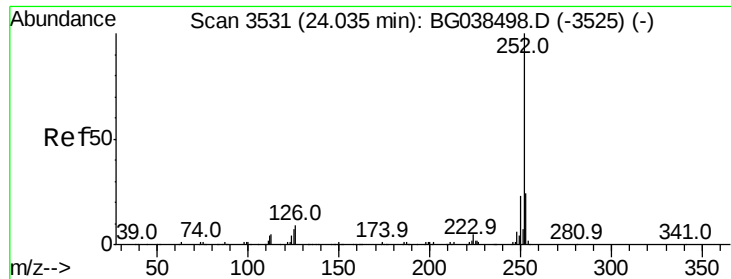
Delta R.T. -0.01 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	252	Resp:	504484
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	6.1	5.5	8.3





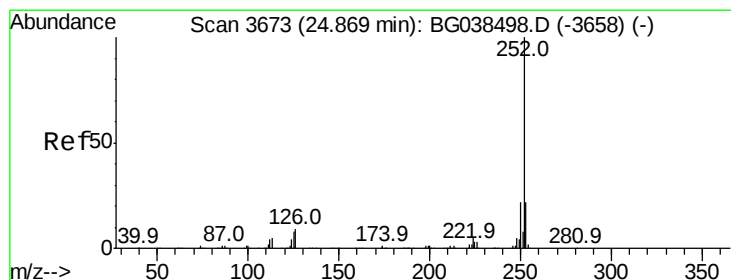
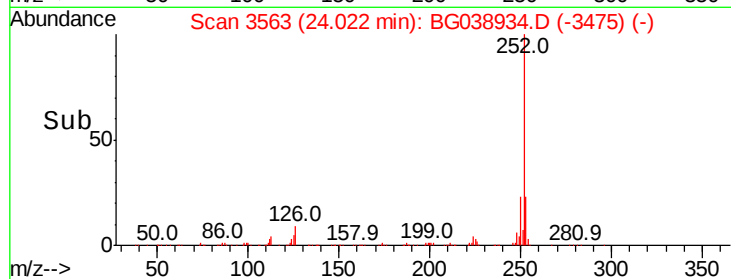
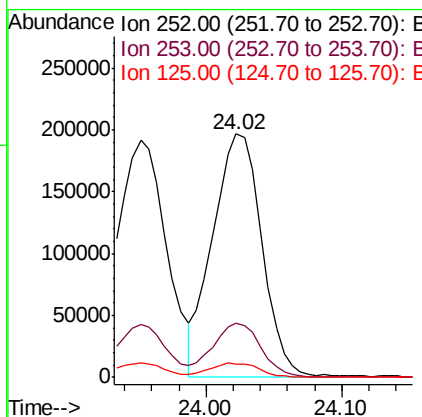
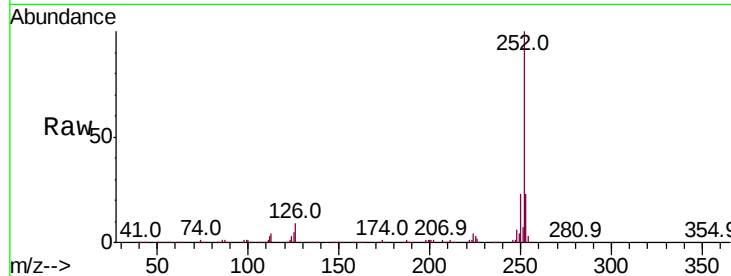
#89
Benzo(k)fluoranthene
Concen: 46.840 ng m
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Instrument :
BNA_G
ClientSampled :
TP-5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	5.4	5.4	8.2#

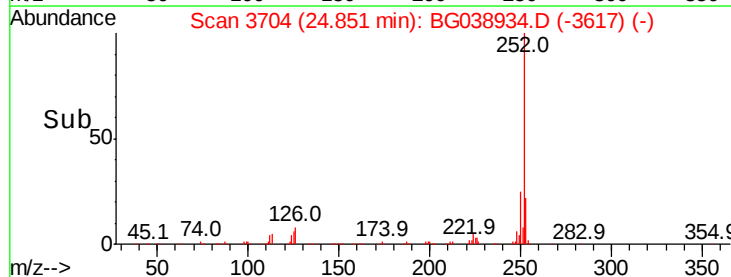
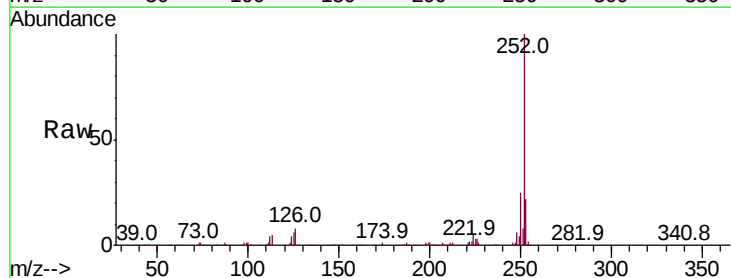
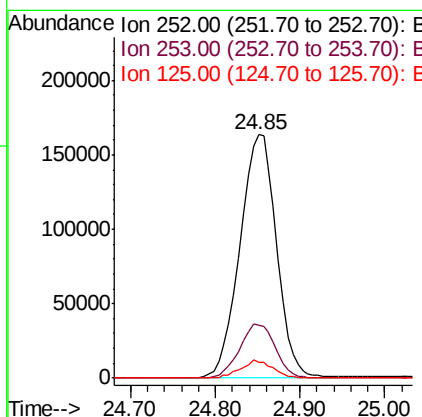
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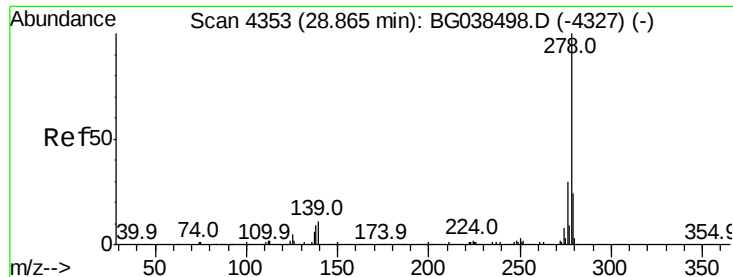
Sohil
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#90
Benzo(a)pyrene
Concen: 47.758 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038934.D
Acq: 4 Jan 2019 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	6.3	6.4	9.6#





#91

Dibenzo(a,h)anthracene

Concen: 46.681 ng

RT: 28.85 min Scan# 4384

Delta R.T. -0.02 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Instrument :

BNA_G

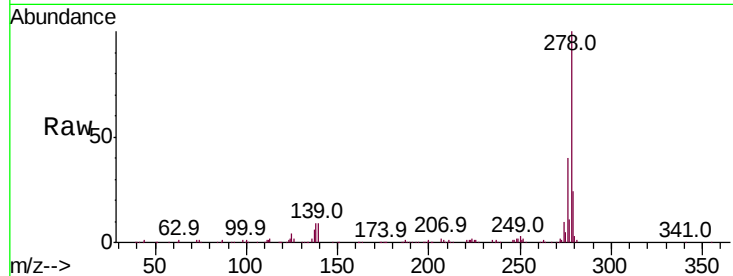
ClientSampled :

TP-5MS

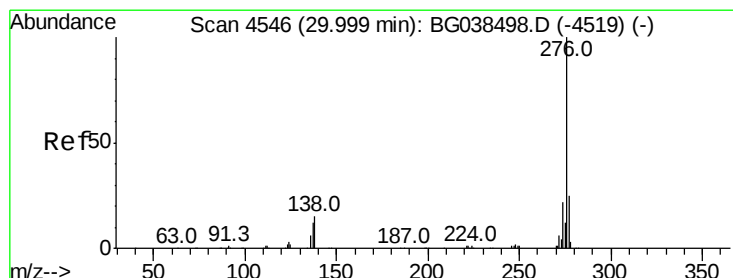
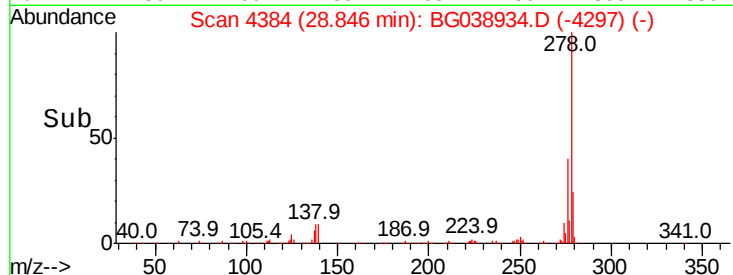
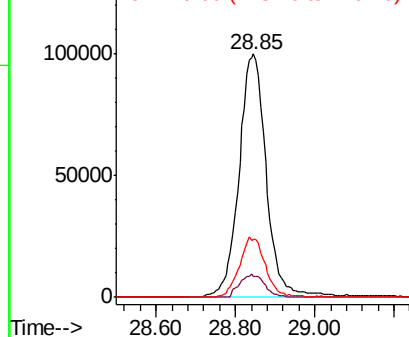
Tot Ion:	278	Resp:	477659
Ion Ratio	Lower	Upper	
278	100		
139	8.8	8.6	12.8
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/7/2019 12:48:13 PM



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



#92

Benzo(g,h,i)perylene

Concen: 48.168 ng

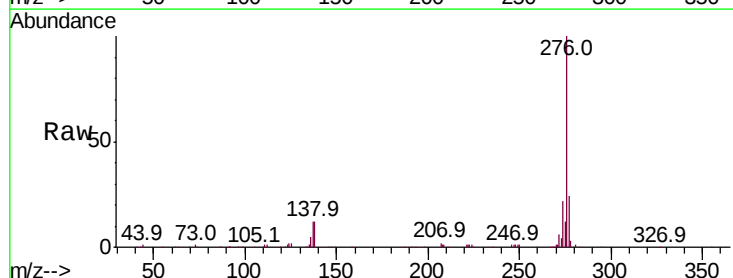
RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038934.D

Acq: 4 Jan 2019 17:51

Tgt Ion:	276	Resp:	485728
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.8	29.8
138	11.9	11.8	17.6



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

