

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048275.D
 Acq On : 22 Feb 2021 19:25
 Operator : CG/JU
 Sample : M1429-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGR8

Manual Integrations
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Quant Time: Feb 23 00:33:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 22 11:08:29 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	34403	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	139523	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	103276	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	226676	20.00	ng/ul	0.01
78) Chrysene-d12	21.79	240	241381	20.00	ng/ul	0.02
86) Perylene-d12	25.12	264	228257	20.00	ng/ul	0.05

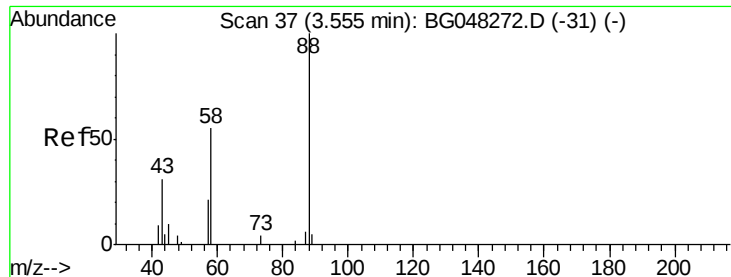
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4843	5.86	ng/uL	0.00
5) Phenol-d5	7.35	99	41044	14.16	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	80580	46.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	85355	41.95	ng/ul	0.01
13) 4-Methylphenol-d8	8.89	113	76067m	33.45	ng/ul	0.03
19) Nitrobenzene-d5	9.30	128	52020	49.92	ng/ul	0.01
22) 2-Nitrophenol-d4	10.02	143	63463	50.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.58	165	109870	44.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.25	131	201	0.08	ng/ul	0.18
44) Dimethylphthalate-d6	14.16	166	329541	43.08	ng/ul	0.01
47) Acenaphthylene-d8	14.45	160	411103	43.96	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	17578m	13.52	ng/ul	0.04
58) Fluorene-d10	15.74	176	305756	44.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	57727	41.54	ng/ul	0.00
71) Anthracene-d10	17.60	188	482639	49.66	ng/ul	0.01
79) Pyrene-d10	19.88	212	541855	44.95	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.89	264	548248	47.08	ng/ul	0.05

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.55	88	128828	135.935	ng/uL 99
4) Benzaldehyde	7.26	77	13592	7.976	ng/ul 92
6) Phenol	7.37	94	105950	35.403	ng/ul 94
11) 2-Methylphenol	8.62	108	26884	12.416	ng/ul 98
14) Acetophenone	8.95	105	54243	14.647	ng/ul# 28
16) 4-Methylphenol	8.95	108	74505	31.887	ng/ul 99
24) 2,4-Dimethylphenol	10.14	107	20352m	7.154	ng/ul
28) Naphthalene	10.99	128	140994	20.035	ng/ul# 94
41) 1,1'-Biphenyl	13.60	154	3974056	560.944	ng/ul# 72
45) Dimethylphthalate	14.20	163	11860	1.500	ng/ul# 82
54) Dibenzofuran	15.15	168	11601	1.266	ng/ul# 77

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



#2

1,4-Dioxane

Concen: 135.935 ng/uL

RT: 3.55 min Scan# 36

Delta R.T. 0.00 min

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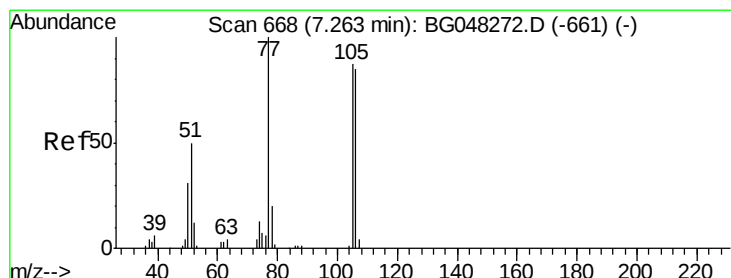
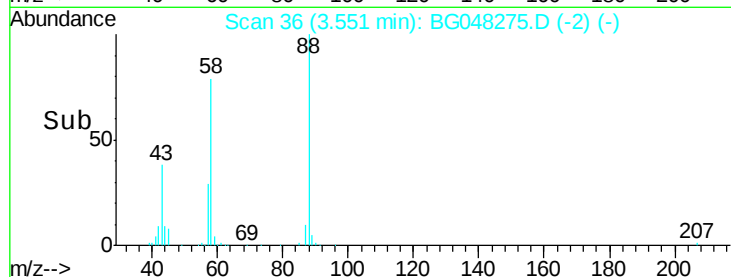
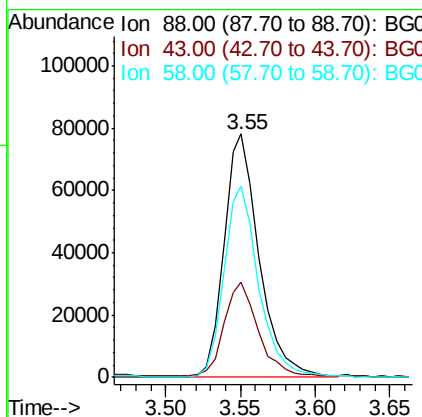
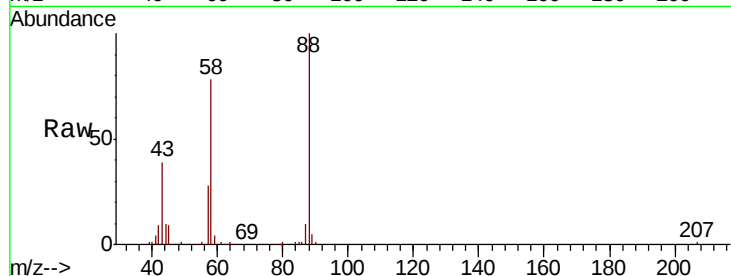
ClientSampled :

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Tot Ion:	88	Resp:	128828
Ion Ratio	Lower	Upper	
88	100		
43	38.8	29.9	44.9
58	78.4	63.4	95.0

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#4

Benzaldehyde

Concen: 7.976 ng/uL

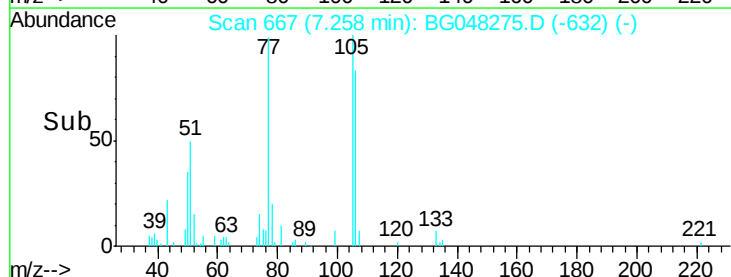
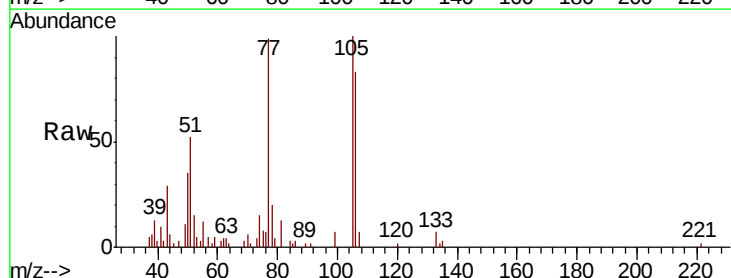
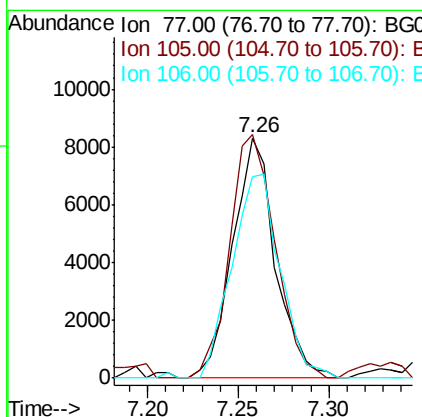
RT: 7.26 min Scan# 667

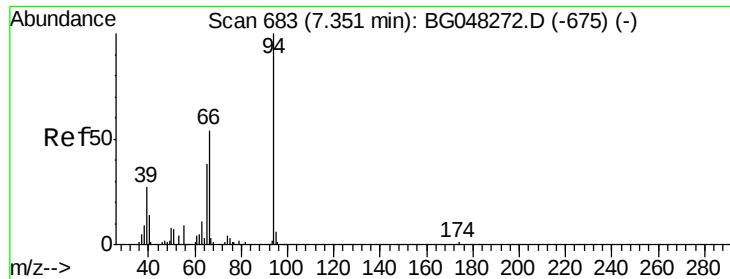
Delta R.T. 0.01 min

Lab File: BG048275.D

Acq: 22 Feb 2021 19:25

Tgt Ion:	77	Resp:	13592
Ion Ratio	Lower	Upper	
77	100		
105	101.4	70.4	105.6
106	83.9	66.1	99.1





#6

Phenol

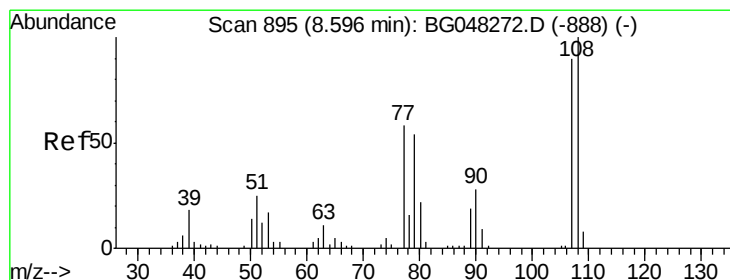
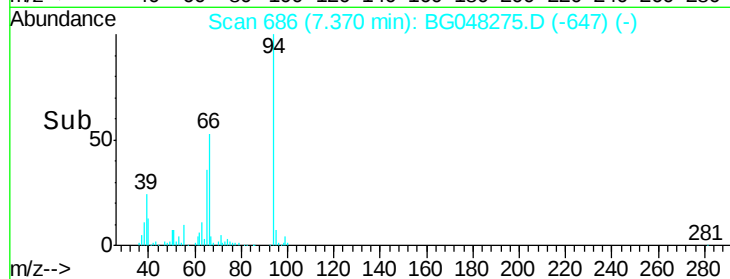
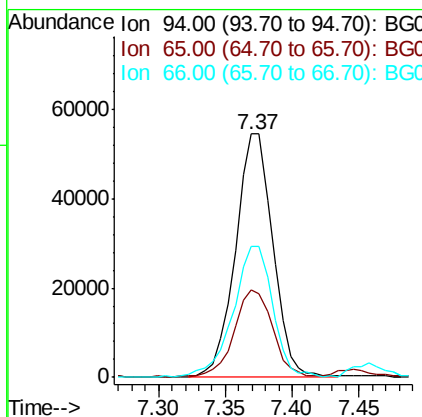
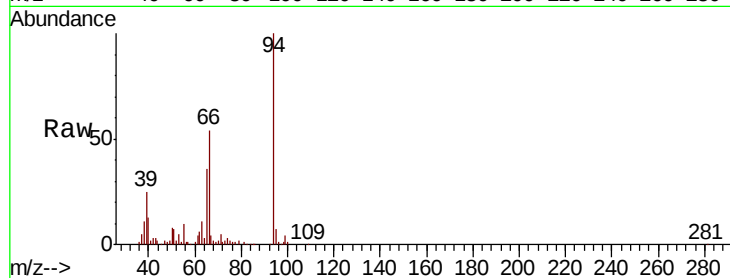
Concen: 35.403 ng/ul
 RT: 7.37 min Scan# 686
 Delta R.T. 0.03 min
 Lab File: BG048275.D
 Acq: 22 Feb 2021 19:25

Instrument :
 BNA_G
 ClientSampleId :
 DBGR8

Tot Ion	Ratio	Lower	Upper
94	100		
65	35.7	31.0	46.6
66	53.6	46.8	70.2

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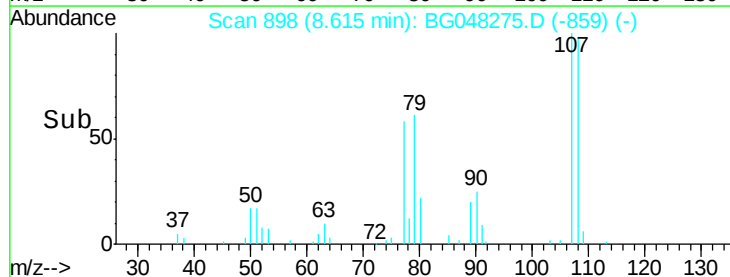
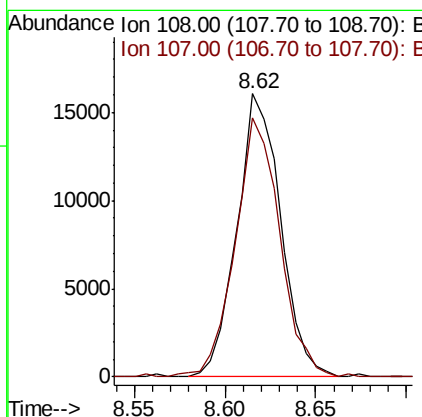
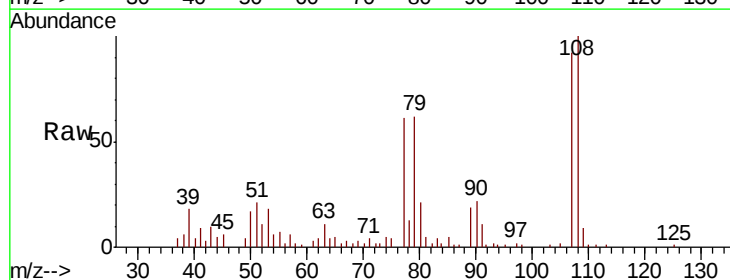


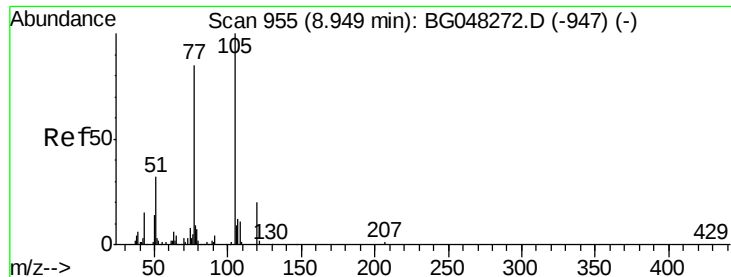
#11

2-Methylphenol

Concen: 12.416 ng/ul
 RT: 8.62 min Scan# 898
 Delta R.T. 0.03 min
 Lab File: BG048275.D
 Acq: 22 Feb 2021 19:25

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.5	74.9	112.3





#14

Acetophenone

Concen: 14.647 ng/ul

RT: 8.95 min Scan# 955

Delta R.T. 0.01 min

Lab File: BG048275.D

Acq: 22 Feb 2021 19:25

Instrument :

BNA_G

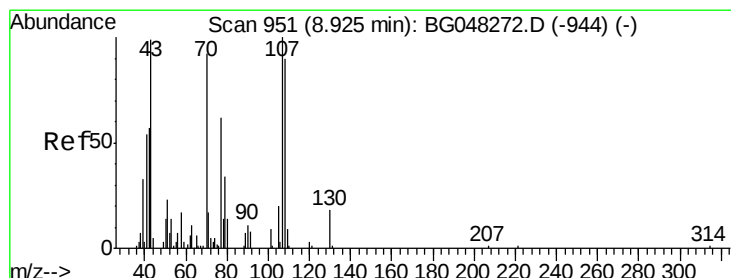
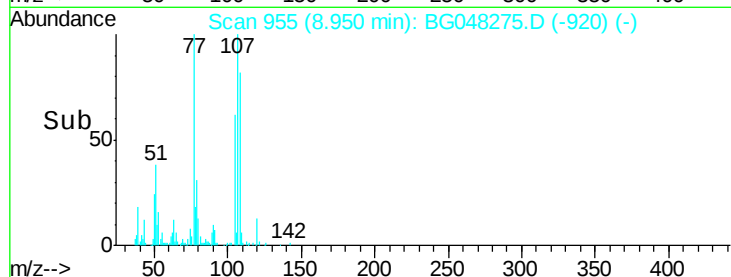
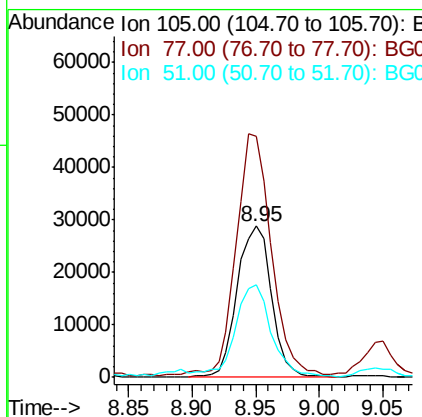
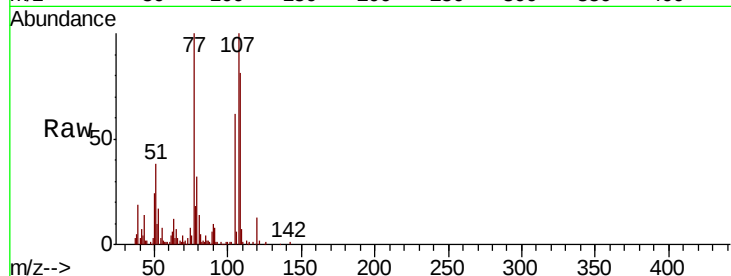
ClientSampleId :

DBG8

Tot Ion	Ratio	Lower	Upper
105	100		
77	159.3	70.9	106.3#
51	61.0	23.4	35.0#

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#16

4-Methylphenol

Concen: 31.887 ng/ul

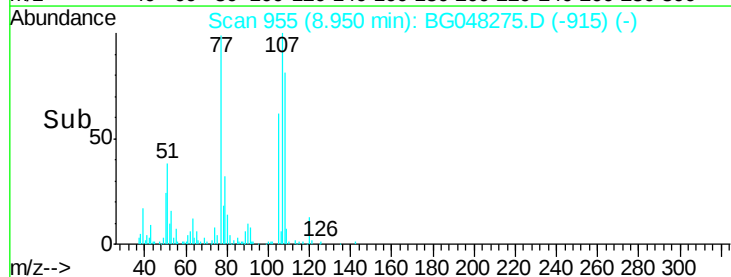
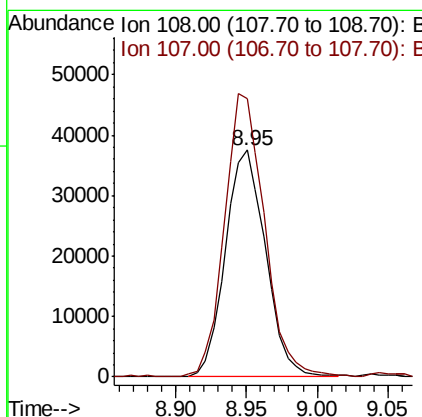
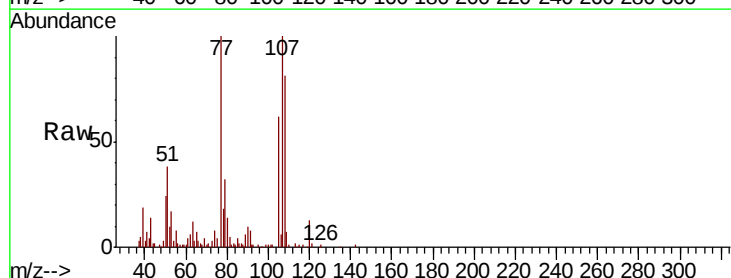
RT: 8.95 min Scan# 955

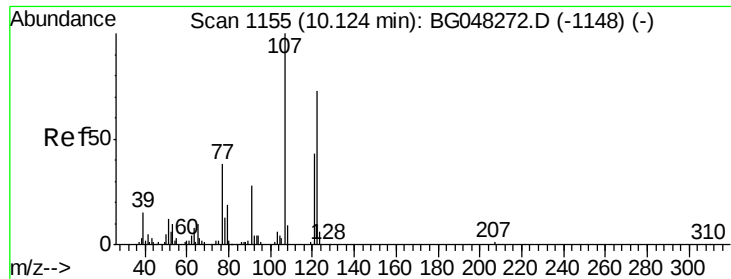
Delta R.T. 0.04 min

Lab File: BG048275.D

Acq: 22 Feb 2021 19:25

Tgt Ion	Ratio	Lower	Upper
108	100		
107	123.1	98.0	147.0





#24

2,4-Dimethylphenol

Concen: 7.154 ng/ul m

RT: 10.14 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BG048275.D

Acq: 22 Feb 2021 19:25

Instrument :

BNA_G

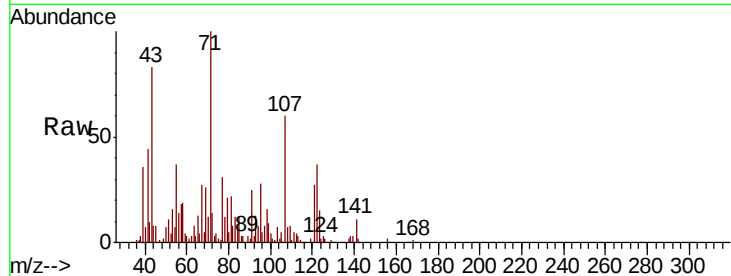
ClientSampleId :

DBG8

Tot Ion:	107	Resp:	20352
Ion Ratio	Lower	Upper	
107	100		
121	44.3	34.4	51.6
122	62.2	56.4	84.6

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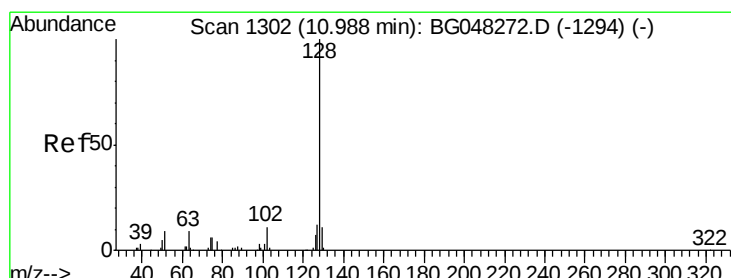
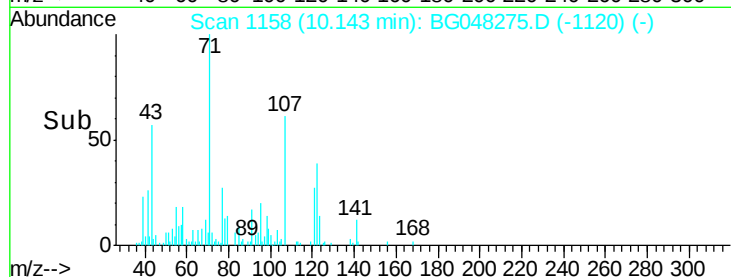
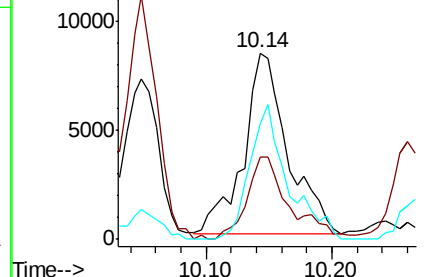
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Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 20.035 ng/ul

RT: 10.99 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BG048275.D

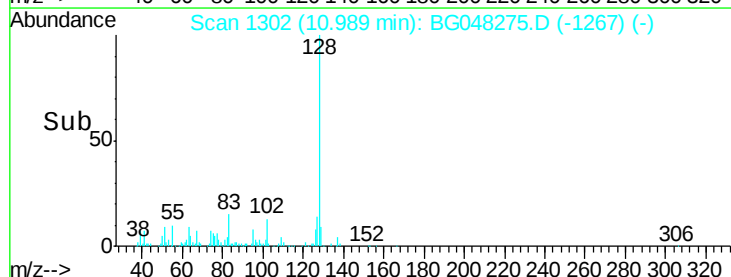
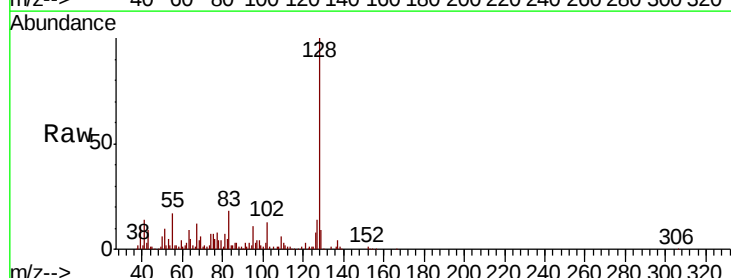
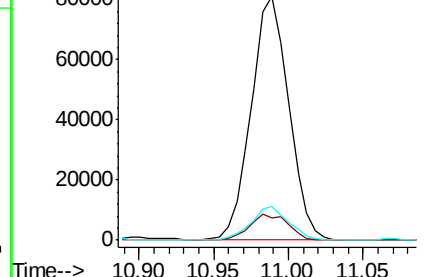
Acq: 22 Feb 2021 19:25

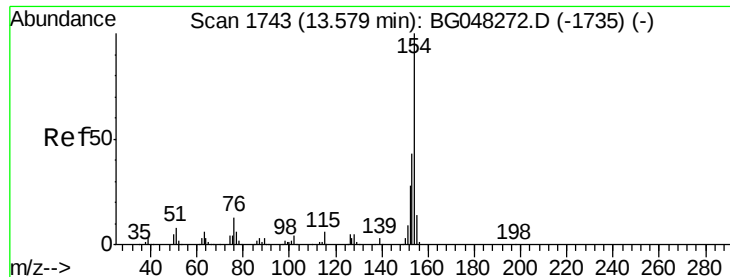
Tgt Ion:	128	Resp:	140994
Ion Ratio	Lower	Upper	
128	100		
129	9.4	10.4	15.6#
127	13.9	10.2	15.2

Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





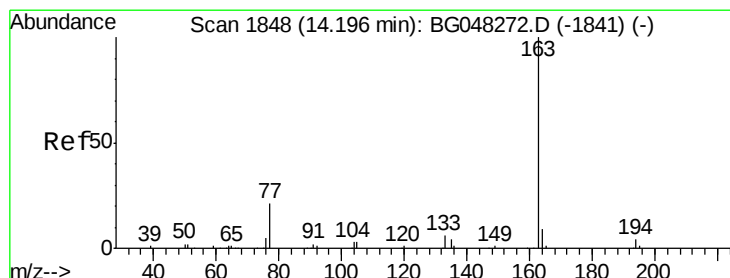
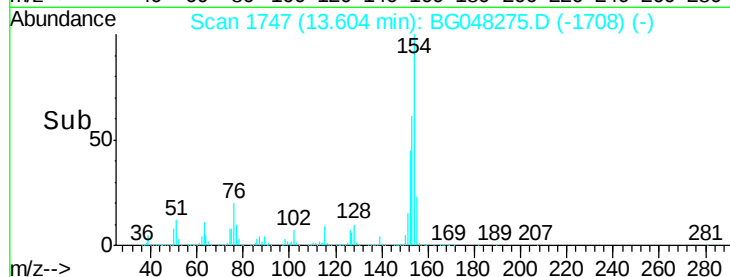
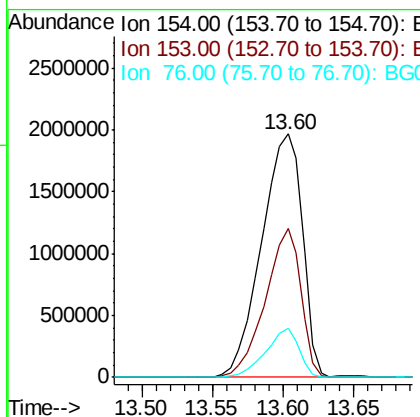
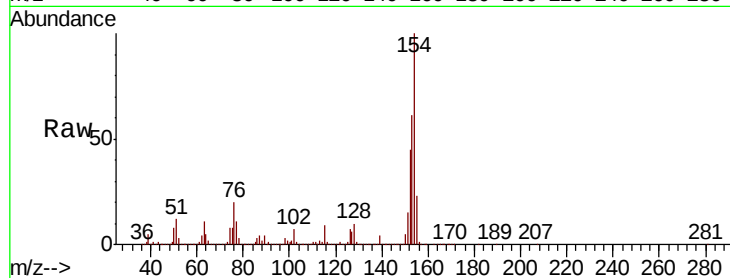
#41
 1,1'-Biphenyl
 Concen: 560.944 ng/ul
 RT: 13.60 min Scan# 1747
 Delta R.T. 0.03 min
 Lab File: BG048275.D
 Acq: 22 Feb 2021 19:25

Instrument :
 BNA_G
 ClientSampled :
 DBGR8

Tot Ion	Ratio	Lower	Upper
154	100		
153	61.4	33.0	49.4#
76	19.9	10.8	16.2#

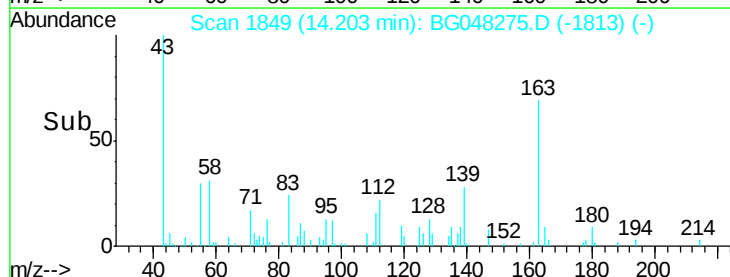
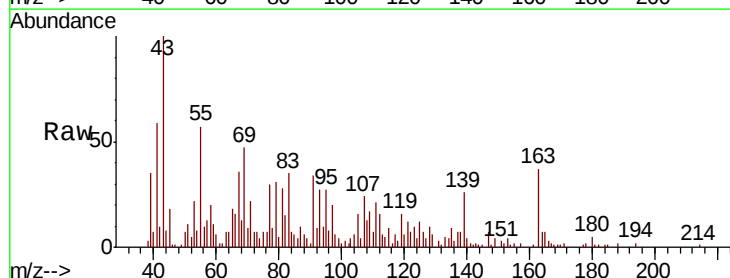
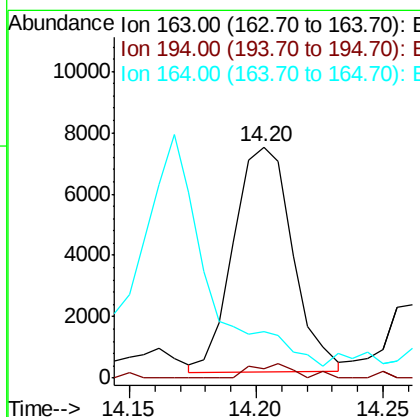
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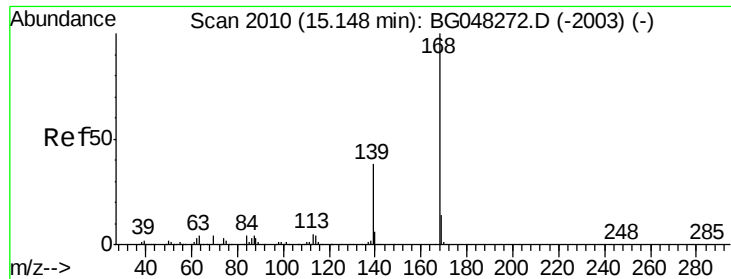
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#45
 Dimethylphthalate
 Concen: 1.500 ng/ul
 RT: 14.20 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BG048275.D
 Acq: 22 Feb 2021 19:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	20.2	8.9	13.3#





#54
 Dibenzofuran
 Concen: 1.266 ng/ul
 RT: 15.15 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BG048275.D
 Acq: 22 Feb 2021 19:25

Instrument :
 BNA_G
 ClientSampleId :
 DBGR8

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
139	52.3	30.7	46.1	

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