

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048288.D
 Acq On : 23 Feb 2021 10:53
 Operator : CG/JU
 Sample : M1429-06DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGR8DL

Manual Integrations
 APPROVED

mohammad
 2/25/2021 1:10:08 PM

Quant Time: Feb 25 06:41:05 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	34788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	135109	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	100018	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	238267	20.00	ng/ul	0.01
78) Chrysene-d12	21.78	240	250055	20.00	ng/ul	0.00
86) Perylene-d12	25.08	264	247186	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.34	99	3216	1.10	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.44	67	7057	4.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	7296	3.55	ng/ul	0.02
13) 4-Methylphenol-d8	8.88	113	5653	2.46	ng/ul	0.02
19) Nitrobenzene-d5	9.30	128	4077m	4.04	ng/ul	0.01
22) 2-Nitrophenol-d4	10.02	143	4927	4.04	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.59	165	8826	3.69	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.15	166	30920	4.17	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	36895	4.07	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	1616m	1.28	ng/ul	0.05
58) Fluorene-d10	15.74	176	28833	4.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.59	188	47738	4.67	ng/ul	0.00
79) Pyrene-d10	19.87	212	54915	4.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.85	264	53266	4.22	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.55	88	10998	11.476	ng/uL	93
6) Phenol	7.36	94	7820	2.584	ng/ul#	89
14) Acetophenone	8.95	105	4419	1.180	ng/ul#	85
16) 4-Methylphenol	8.93	108	6269m	2.653	ng/ul	
28) Naphthalene	10.98	128	12202	1.791	ng/ul	96
41) 1,1'-Biophenyl	13.58	154	465556	67.855	ng/ul	98

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

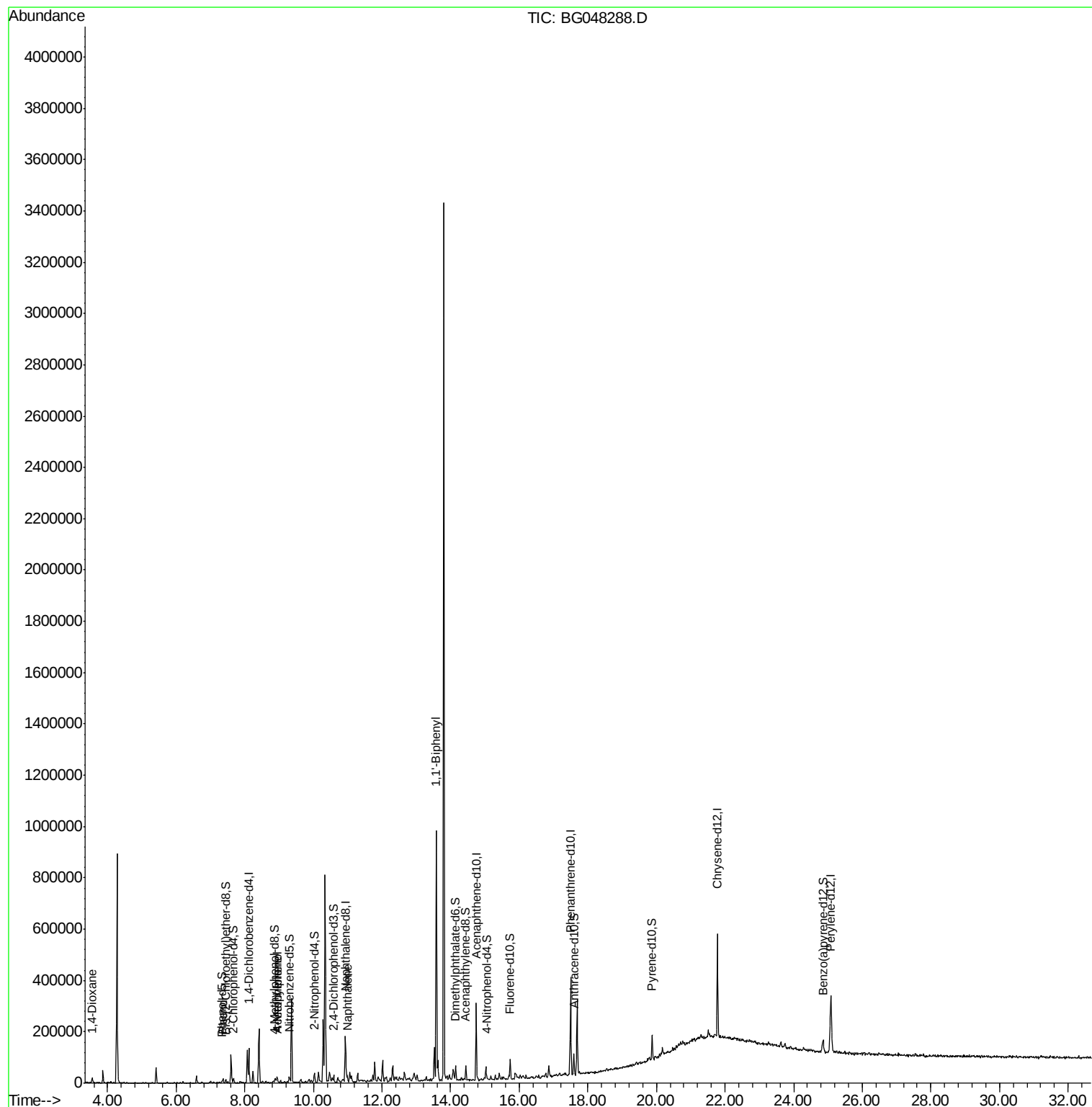
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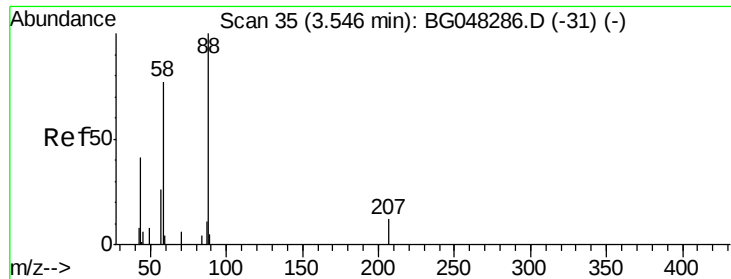
Instrument :
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#2

1,4-Dioxane

Concen: 11.476 ng/uL

RT: 3.55 min Scan# 36

Delta R.T. -0.00 min

Lab File: BG048288.D

Acq: 23 Feb 2021 10:53

Instrument :

BNA_G

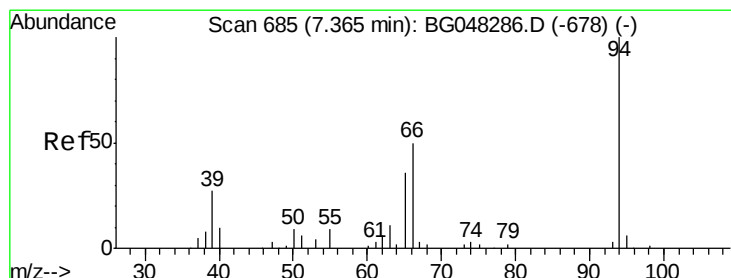
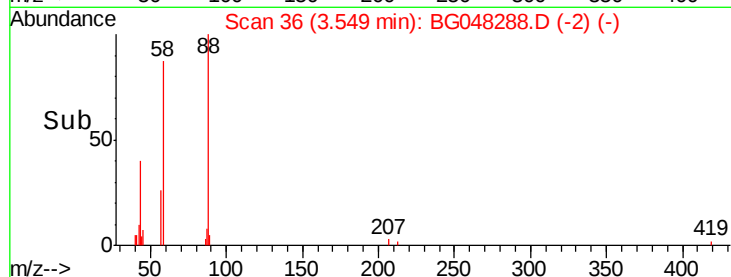
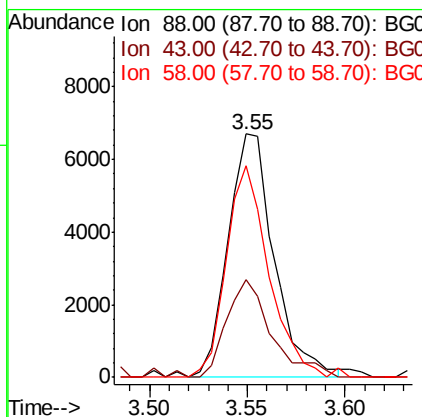
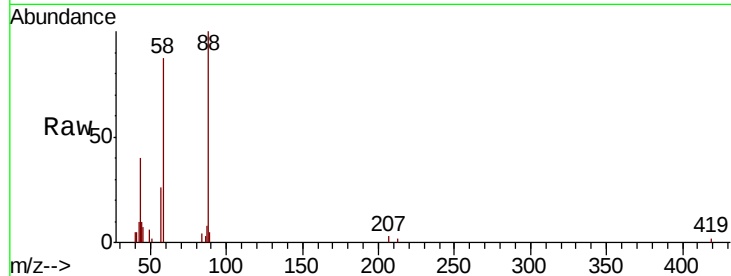
ClientSampleId :

DBG8DL

Tot Ion:	88	Resp:	10998
Ion	Ratio	Lower	Upper
88	100		
43	39.9	29.9	44.9
58	87.1	63.4	95.0

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#6

Phenol

Concen: 2.584 ng/uL

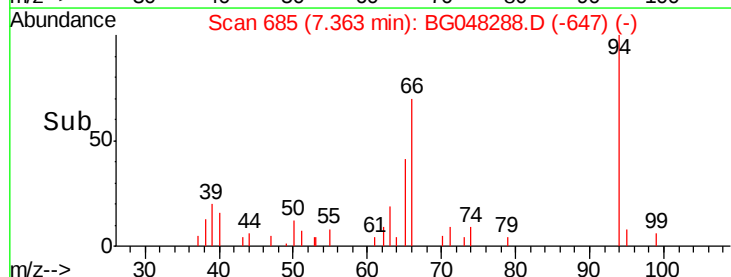
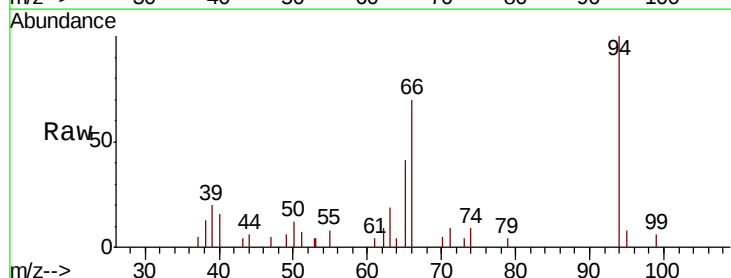
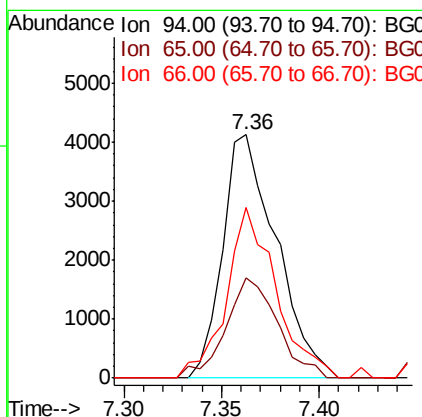
RT: 7.36 min Scan# 685

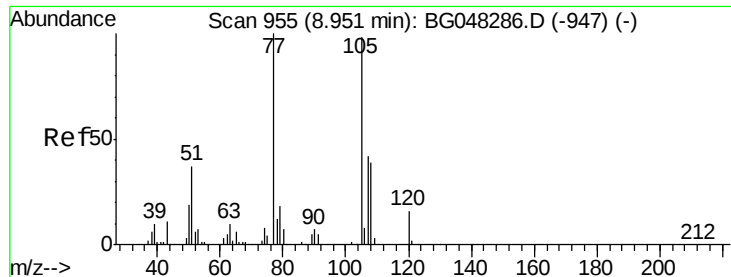
Delta R.T. 0.02 min

Lab File: BG048288.D

Acq: 23 Feb 2021 10:53

Tgt Ion:	94	Resp:	7820
Ion	Ratio	Lower	Upper
94	100		
65	41.1	31.0	46.6
66	70.3	46.8	70.2#





#14

Acetophenone

Concen: 1.180 ng/ul

RT: 8.95 min Scan# 956

Delta R.T. 0.01 min

Lab File: BG048288.D

Acq: 23 Feb 2021 10:53

Instrument :

BNA_G

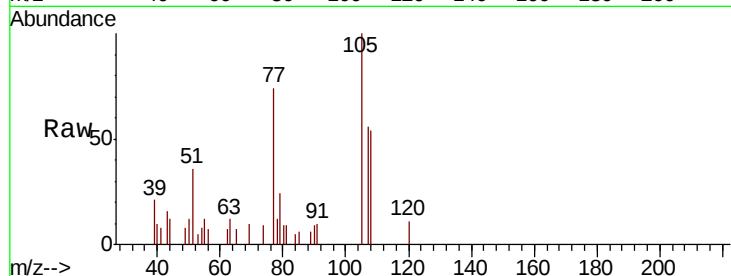
ClientSampleId :

DBGR8DL

Tot Ion	Ratio	Lower	Upper
105	100		
77	74.1	70.9	106.3
51	36.1	23.4	35.0#

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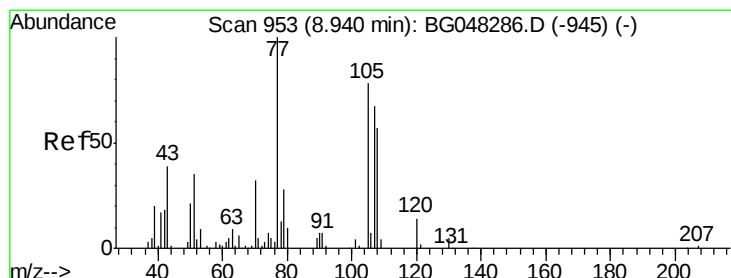
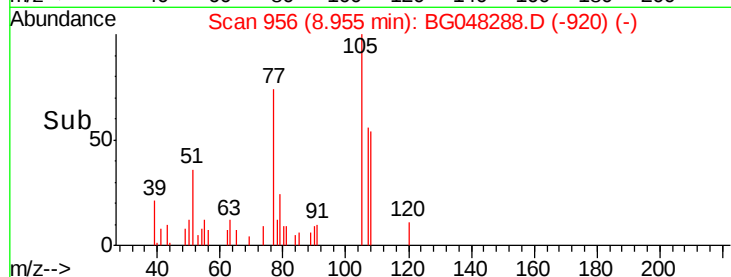
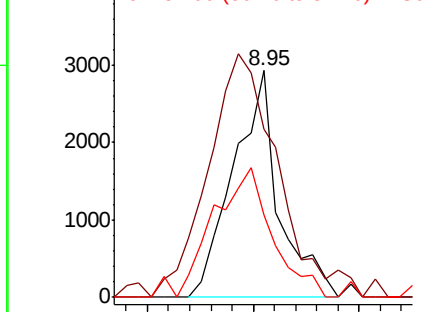


Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#16

4-Methylphenol

Concen: 2.653 ng/ul m

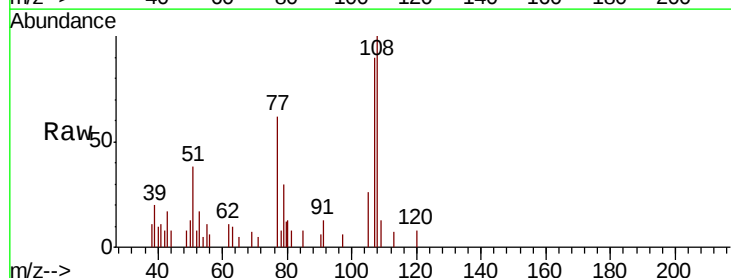
RT: 8.93 min Scan# 952

Delta R.T. 0.02 min

Lab File: BG048288.D

Acq: 23 Feb 2021 10:53

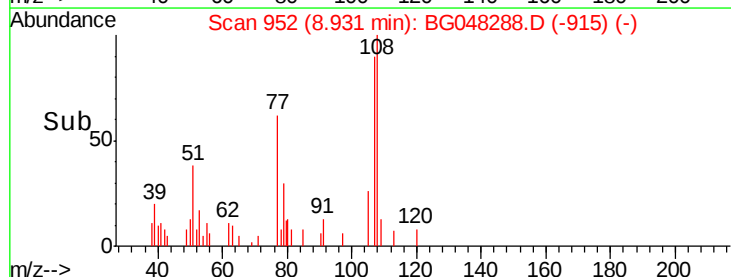
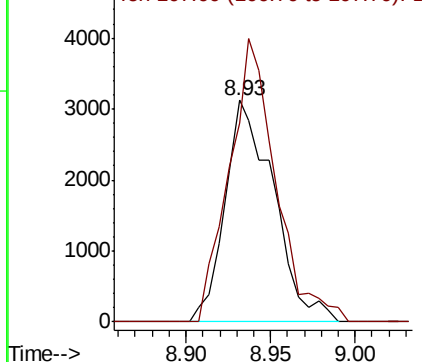
Tgt Ion	Ratio	Lower	Upper
108	100		
107	89.9	98.0	147.0#

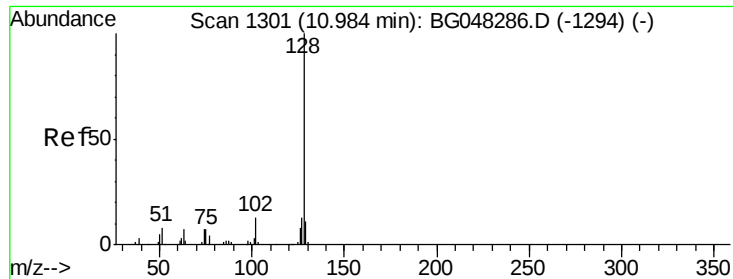


Abundance

Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





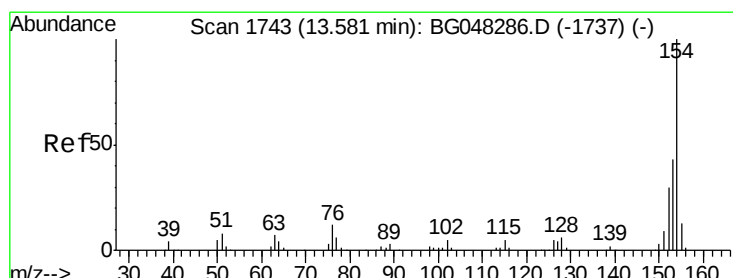
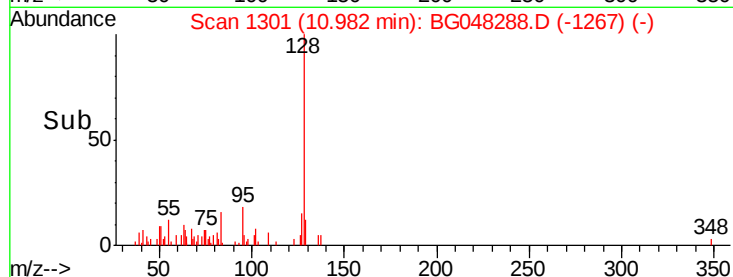
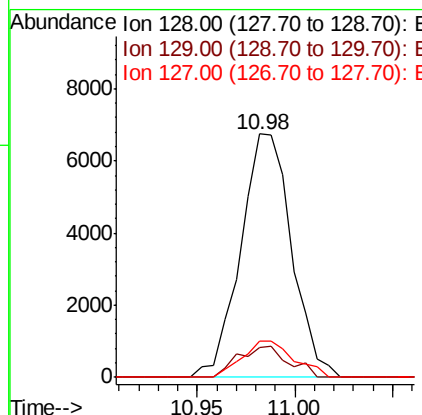
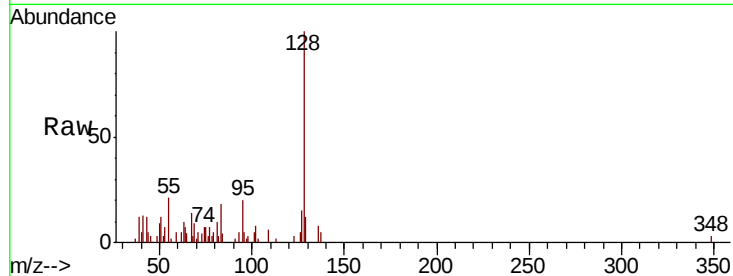
#28
Naphthalene
Concen: 1.791 ng/ul
RT: 10.98 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG048288.D
Acq: 23 Feb 2021 10:53

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Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.4	15.6
127	14.8	10.2	15.2

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#41
1,1'-Biphenyl
Concen: 67.855 ng/ul
RT: 13.58 min Scan# 1743
Delta R.T. 0.01 min
Lab File: BG048288.D
Acq: 23 Feb 2021 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	33.0	49.4
76	12.5	10.8	16.2

