

Data File : BG044116.D
Acq On : 21 Jan 2020 2:51
Operator : JU
Sample : L1176-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-1

Quant Time: Jan 21 04:54:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

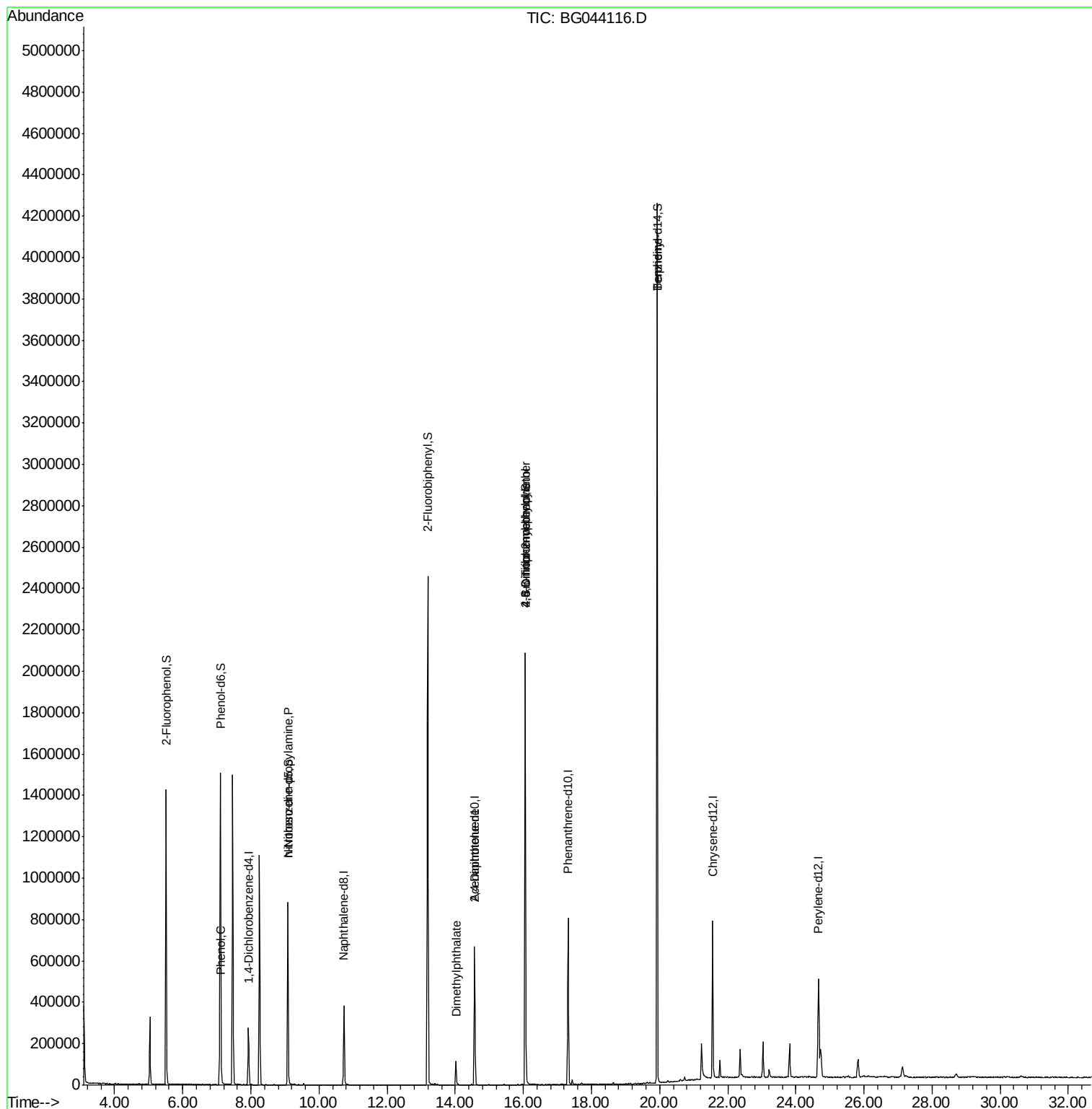
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81225	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	357622	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	249742	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	523455	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	449674	20.00	ng	-0.03
87) Perylene-d12	24.67	264	496982	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	683836	154.58	ng	-0.03
7) Phenol-d6	7.11	99	976100	157.85	ng	-0.02
23) Nitrobenzene-d5	9.09	82	571242	85.45	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	395378	151.28	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1350750	97.99	ng	-0.03
79) Terphenyl-d14	19.93	244	1927337	111.84	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	34287	5.382	ng	91
19) n-Nitroso-di-n-propylamine	9.09	70	73833	16.033	ng	# 77
50) Dimethylphthalate	14.02	163	94455	5.327	ng	96
57) 2,4-Dinitrotoluene	14.57	165	32948	6.041	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.05	198	1398	4.861	ng	# 1
67) 4-Bromophenyl-phenylether	16.05	248	28204	4.791	ng	# 1
77) Benidine	19.93	184	33866	2.996	ng	# 93

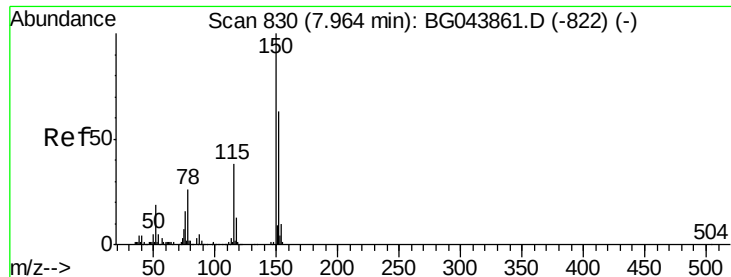
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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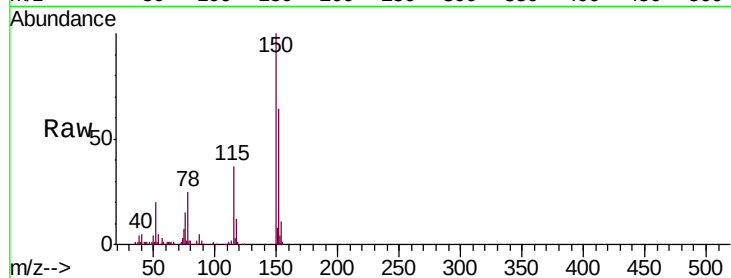


#1

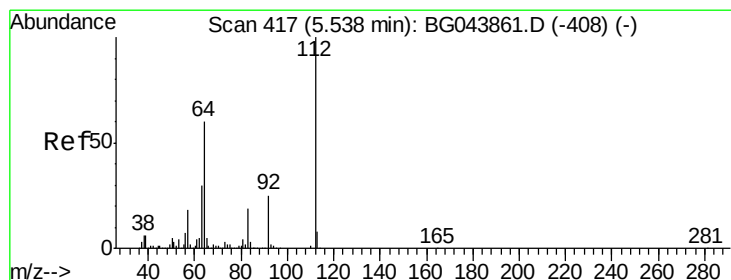
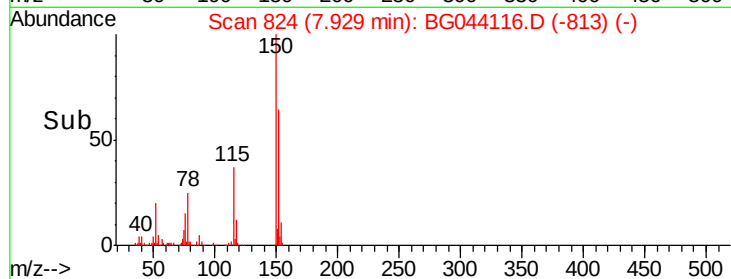
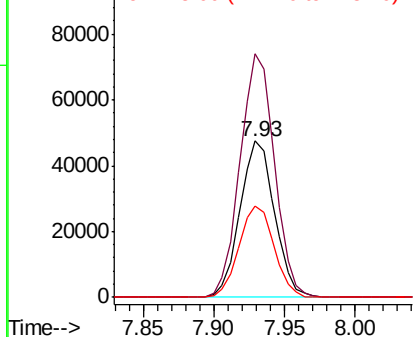
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

Instrument :
BNA_G
ClientSampleId :
EP-1

Tgt Ion:152 Resp: 81225
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.4
115 58.4 47.8 71.8



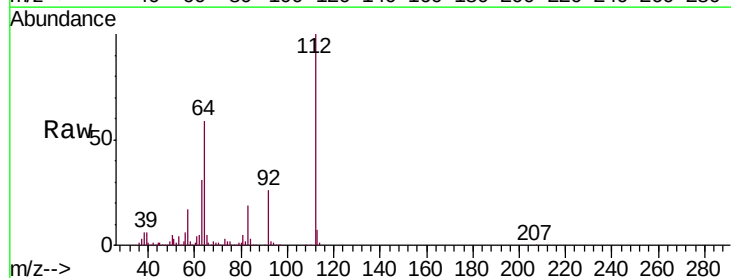
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



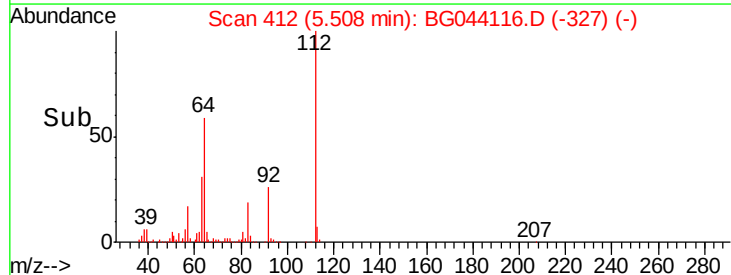
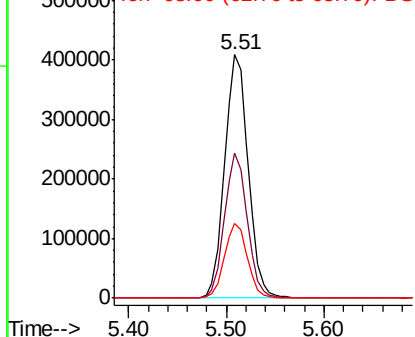
#5

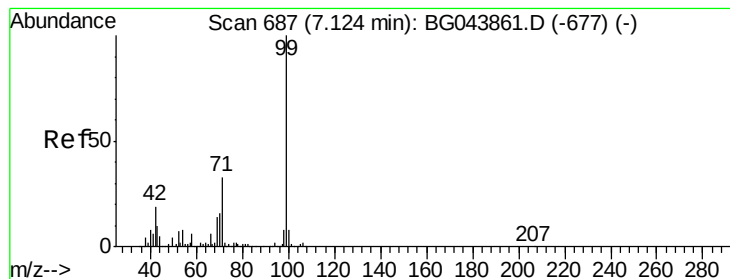
2-Fluorophenol
Concen: 154.584 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

Tgt Ion:112 Resp: 683836
Ion Ratio Lower Upper
112 100
64 59.3 47.8 71.6
63 30.8 24.3 36.5



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





#7

Phenol-d6

Concen: 157.854 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044116.D

Acq: 21 Jan 2020 2:51

Instrument :

BNA_G

ClientSampled :

EP-1

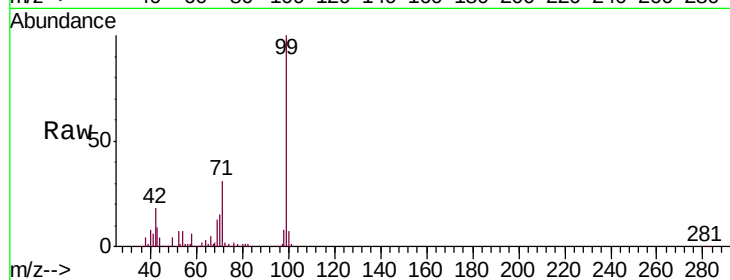
Tgt Ion: 99 Resp: 976100

Ion Ratio Lower Upper

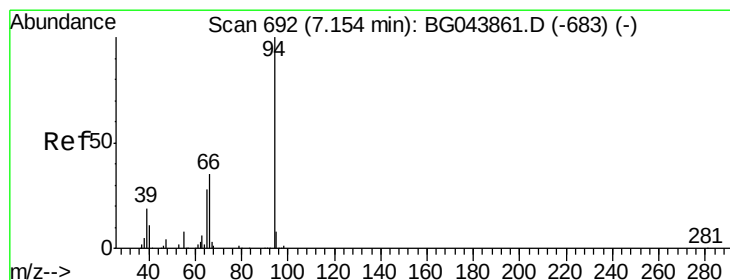
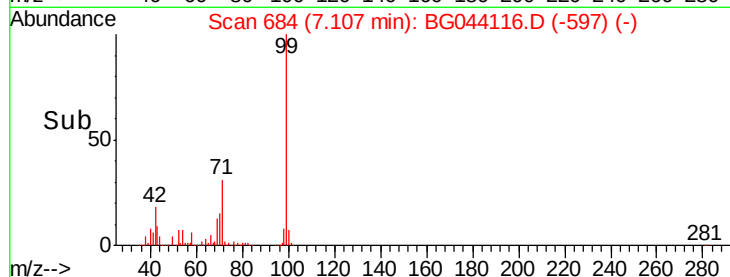
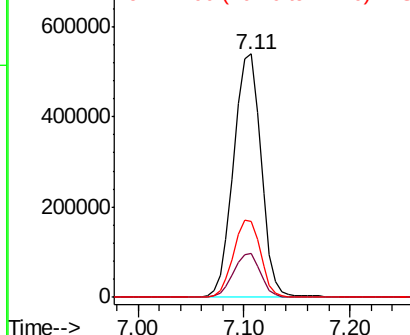
99 100

42 17.9 14.9 22.3

71 31.3 26.4 39.6



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



#10

Phenol

Concen: 5.382 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044116.D

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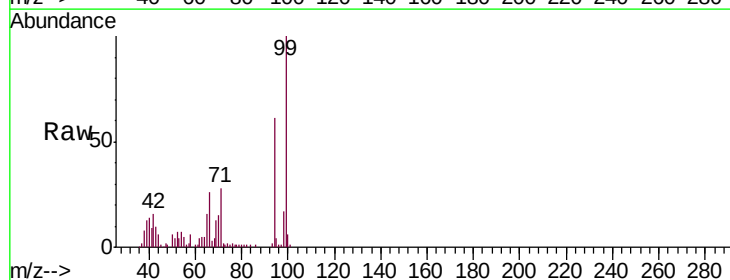
Tgt Ion: 94 Resp: 34287

Ion Ratio Lower Upper

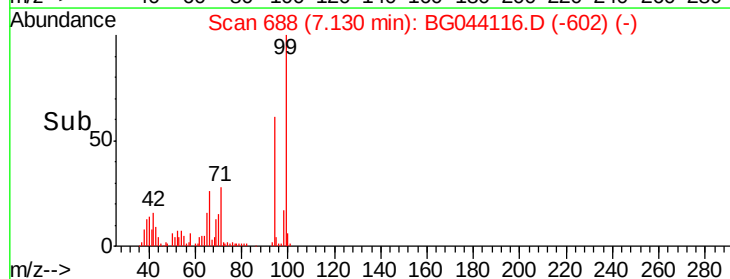
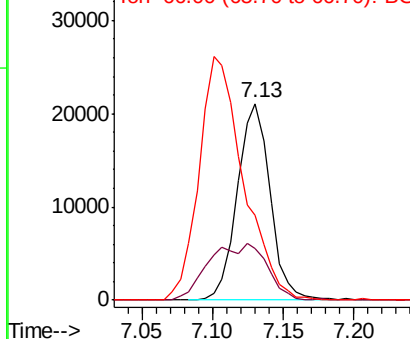
94 100

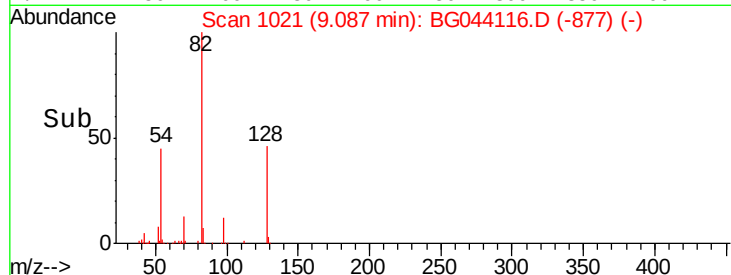
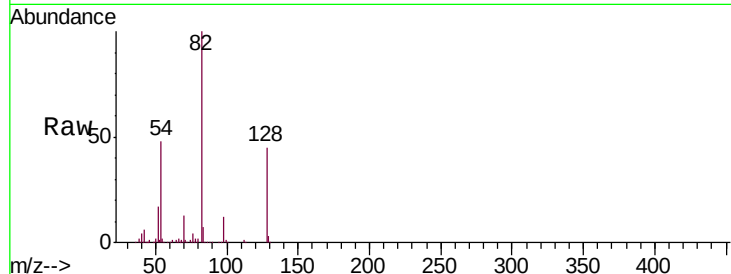
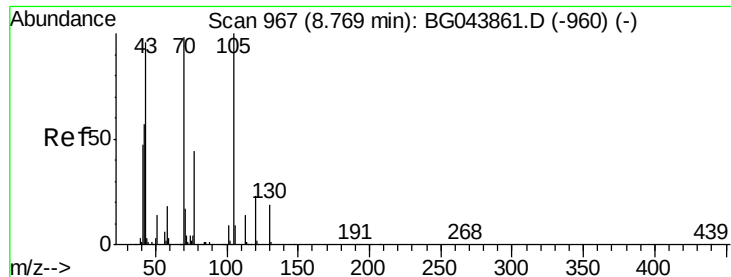
65 26.4 8.1 48.1

66 43.0 15.6 55.6



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

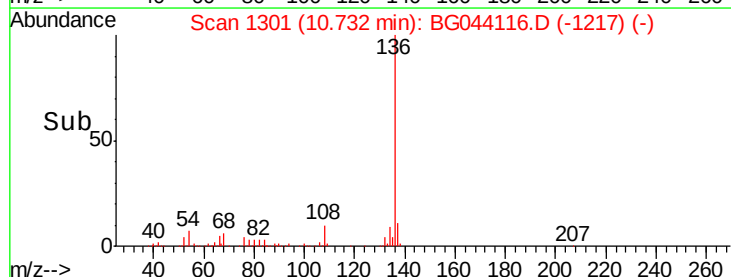
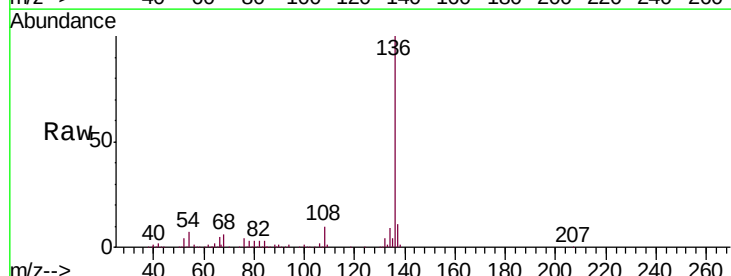
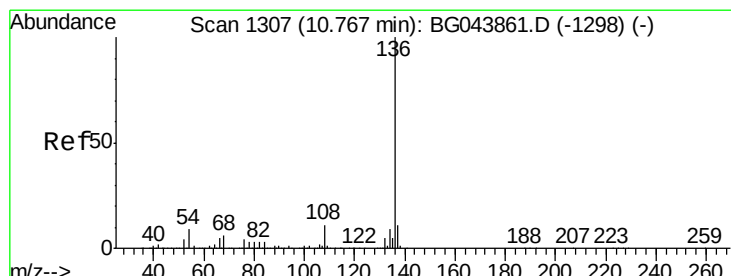
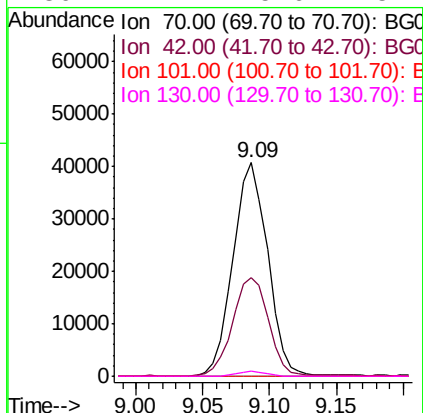




#19
n-Nitroso-di-n-propylamine
Concen: 16.033 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
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Tgt Ion: 70 Resp: 73833
Ion Ratio Lower Upper
70 100
42 45.9 47.0 70.4#
101 0.0 7.2 10.8#
130 2.2 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044116.D
Acq: 21 Jan 2020 2:51

Tgt Ion: 136 Resp: 357622
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 7.0 10.4
68 6.2 4.9 7.3

