

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009972.D
 Acq On : 27 Feb 2020 20:05
 Operator : CG/JU
 Sample : L1568-02DL 10X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBDA5DL

Manual Integrations
 APPROVED

mohammad
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Quant Time: Feb 28 03:06:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	97229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	405641	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	258990	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	562464	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	505373	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	540812	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	1692m	0.72	ng/uL	0.00
5) Phenol-d5	6.60	99	25584	3.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	19338	3.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	21384	3.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	17874	2.72	ng/ul	0.02
19) Nitrobenzene-d5	8.54	128	9362	3.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	9993	3.08	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.80	165	19787m	3.17	ng/ul	0.04
29) 4-Chloroaniline-d4	10.31	131	21464	3.06	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	74233	3.84	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	81798	3.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	5027m	1.42	ng/ul	0.08
58) Fluorene-d10	15.03	176	67495	4.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.89	188	102201	3.96	ng/ul	0.00
79) Pyrene-d10	19.19	212	107300	4.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	105347	3.90	ng/ul	0.00

Target Compounds					Ovalue	
28) Naphthalene	10.18	128	414017	18.927	ng/ul	100
34) 2-Methylnaphthalene	11.81	142	60176	3.962	ng/ul	98
50) Acenaphthene	14.09	153	56539	3.345	ng/ul	96
54) Dibenzofuran	14.44	168	36638	1.544	ng/ul	89
59) Fluorene	15.09	166	24940	1.252	ng/ul	98

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

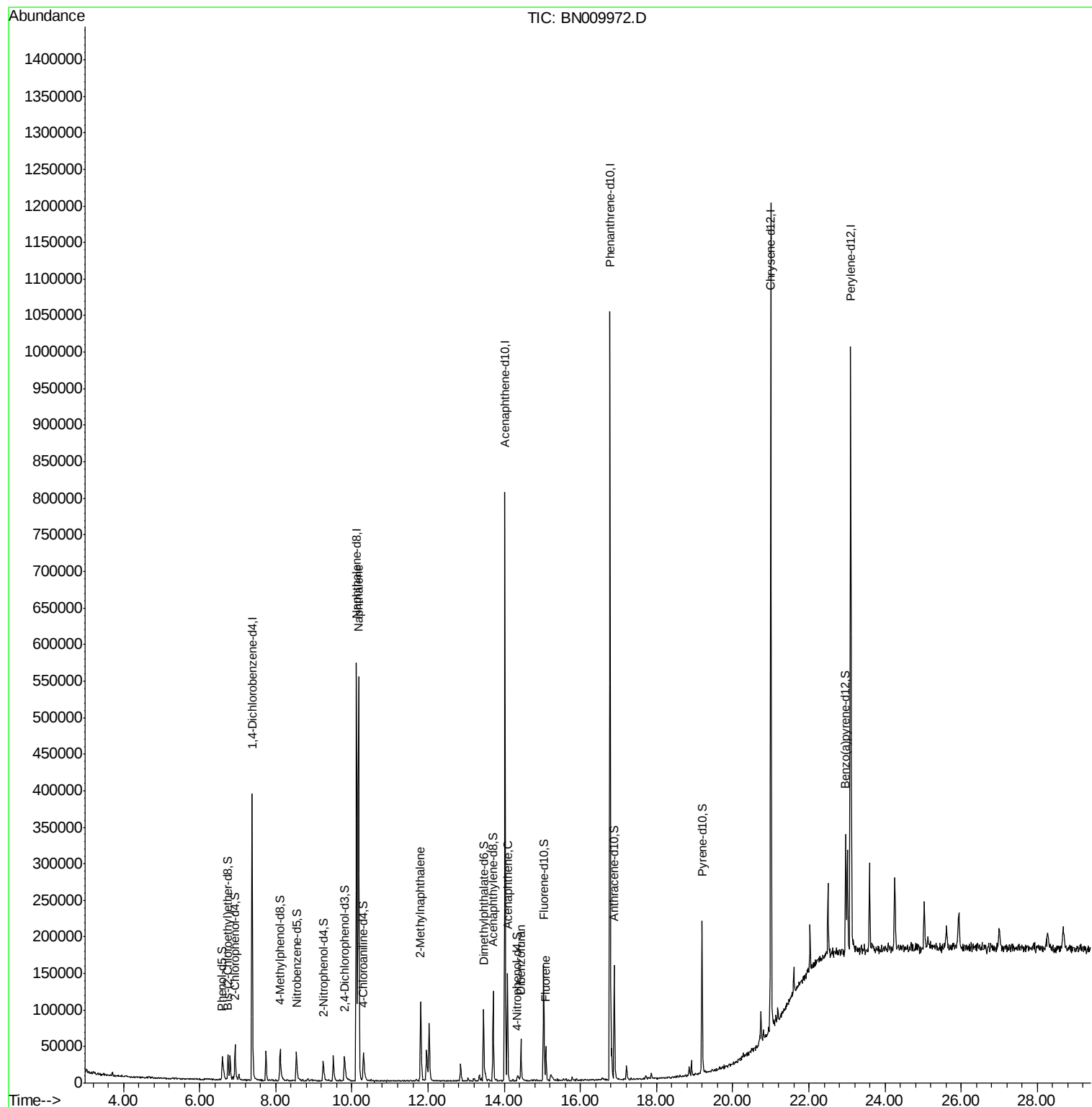
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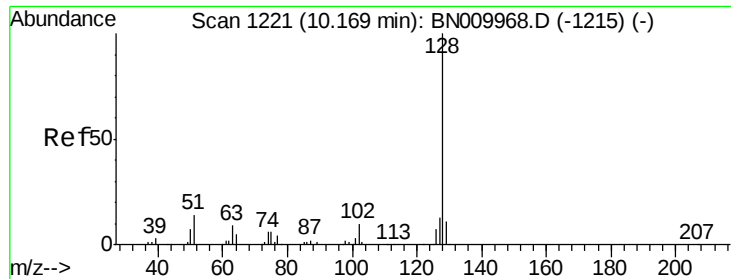
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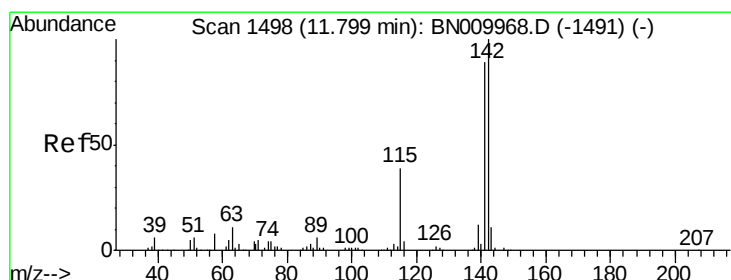
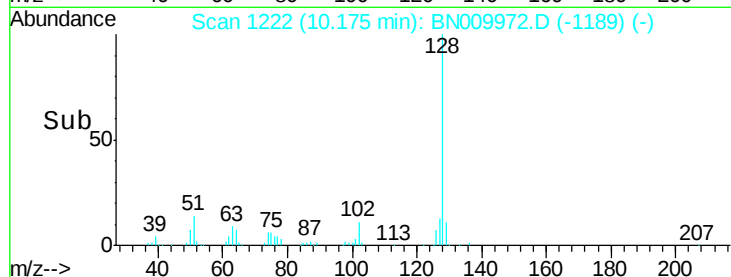
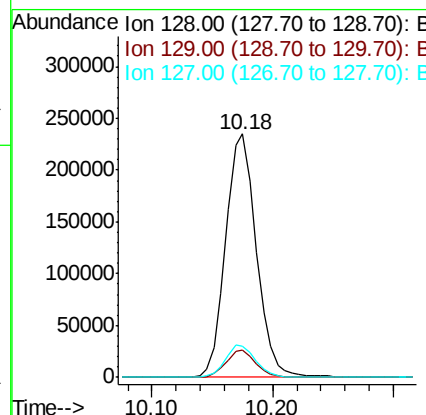
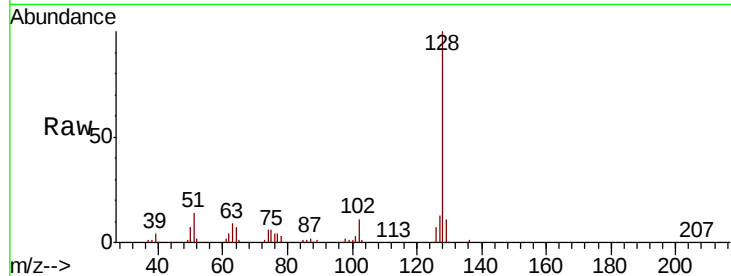
#28
Naphthalene
Concen: 18.927 ng/ul
RT: 10.18 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BN009972.D
Acq: 27 Feb 2020 20:05

Instrument :
BNA_N
ClientSampleId :
DBDA5DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	12.9	10.3	15.5

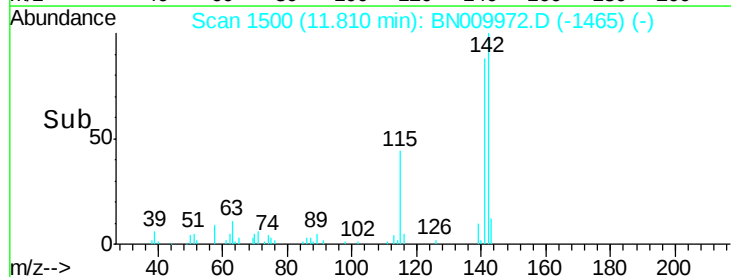
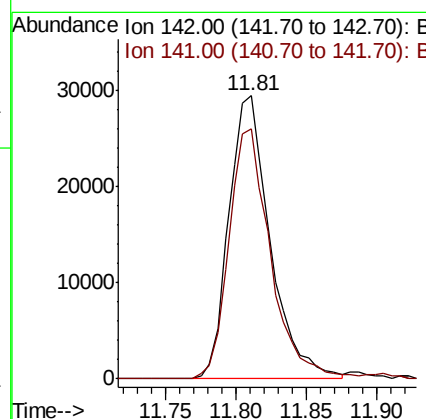
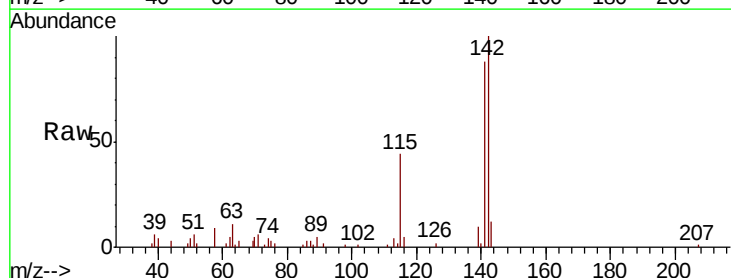
Manual Integrations
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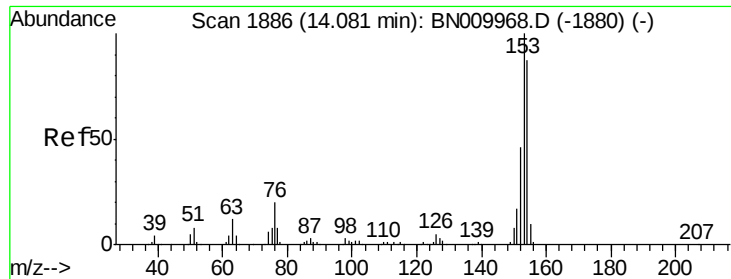
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#34
2-Methylnaphthalene
Concen: 3.962 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BN009972.D
Acq: 27 Feb 2020 20:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.1	108.1





#50

Acenaphthene

Concen: 3.345 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN009972.D

Acq: 27 Feb 2020 20:05

Instrument :

BNA_N

ClientSampleID :

DBDA5DL

Tot Ion:153 Resp: 56539

Ion Ratio Lower Upper

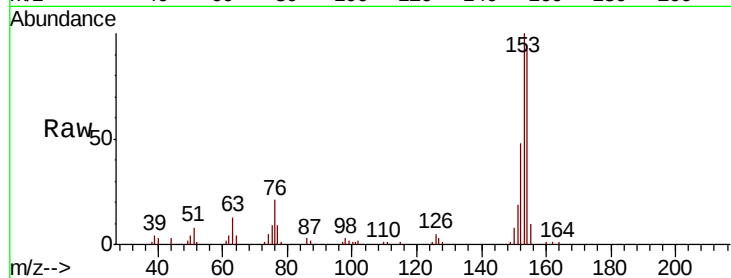
153 100

152 48.0 36.6 54.8

154 92.2 70.6 106.0

Manual Integrations
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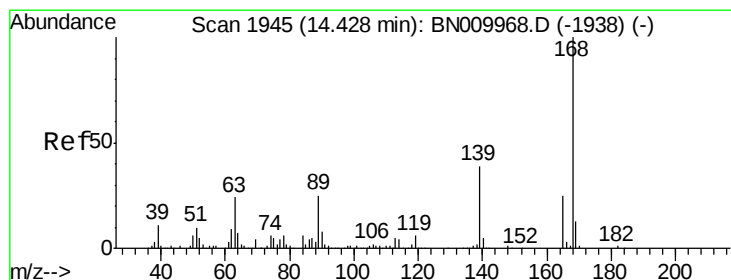
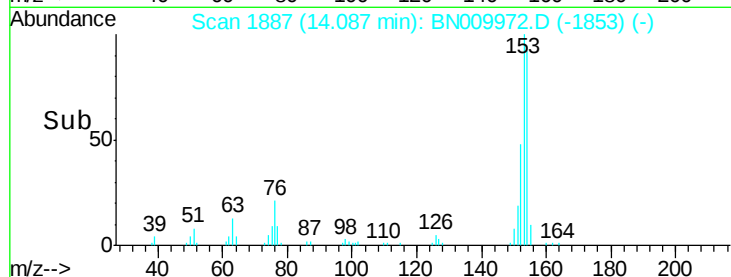
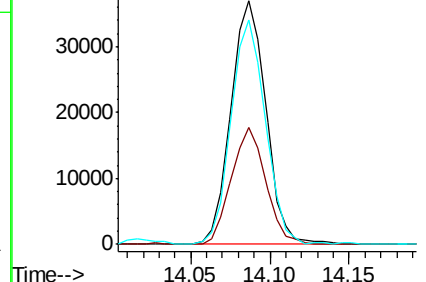
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.544 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BN009972.D

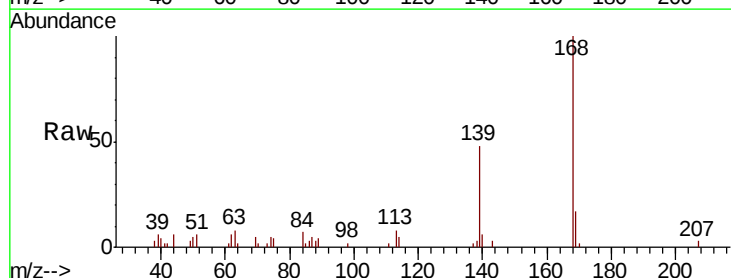
Acq: 27 Feb 2020 20:05

Tgt Ion:168 Resp: 36638

Ion Ratio Lower Upper

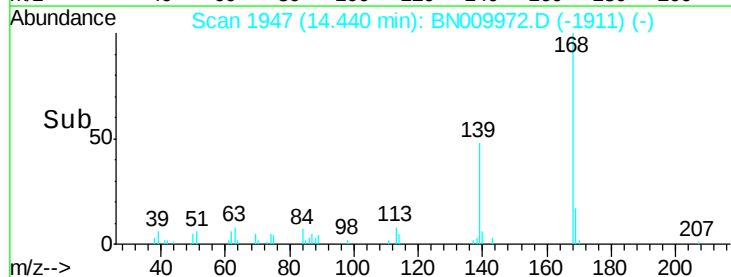
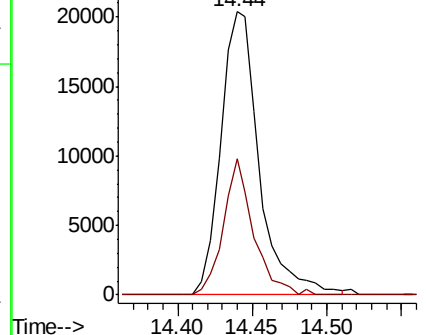
168 100

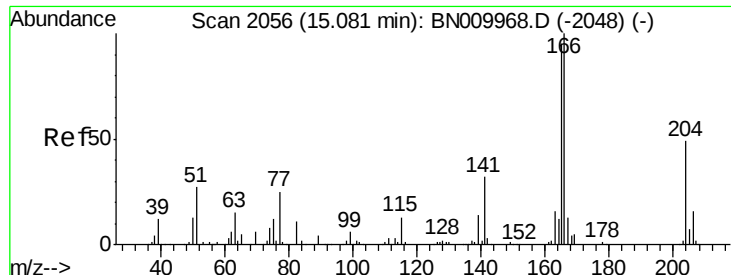
139 48.0 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.252 ng/ul

RT: 15.09 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BN009972.D

Acq: 27 Feb 2020 20:05

Instrument :

BNA_N

ClientSampleId :

DBDA5DL

Tot Ion:166 Resp: 24940

Ion Ratio Lower Upper

166 100

165 101.4 79.8 119.8

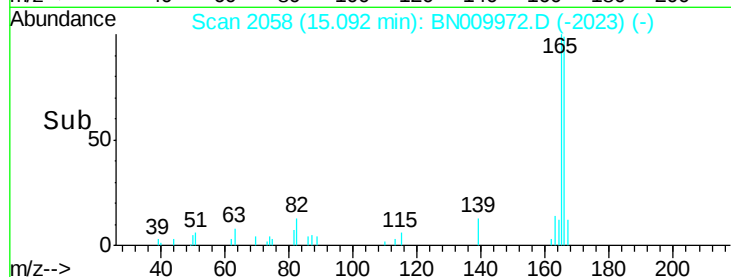
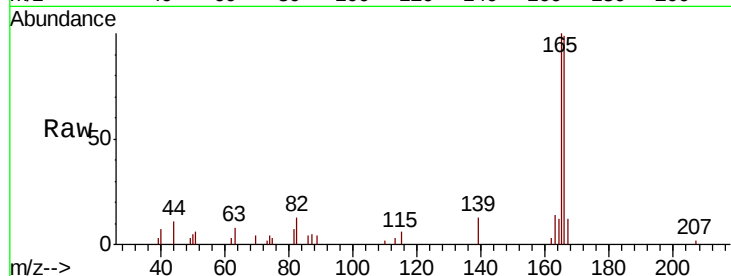
167 12.6 10.7 16.1

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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

