

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
 Data File : BN011548.D
 Acq On : 21 Aug 2020 06:28
 Operator : CG/JU
 Sample : L3708-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFT9

Quant Time: Aug 21 07:39:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 07:37:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	198633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	752589	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	479779	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1037332	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1012267	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	969649	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	21991	5.31	ng/uL	0.00
5) Phenol-d5	6.63	99	80274	5.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	181561	25.36	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	249355	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	147857	12.96	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	145801	25.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	163259	24.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	274139	22.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	28264	1.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	978449	26.19	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1106241	24.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	27832	4.40	ng/ul	0.00
58) Fluorene-d10	15.06	176	852910	26.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	165208	24.01	ng/ul	0.00
71) Anthracene-d10	16.91	188	1459793	29.46	ng/ul	0.00
79) Pyrene-d10	19.22	212	1579760	30.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1572073	29.19	ng/ul	0.00

Target Compounds

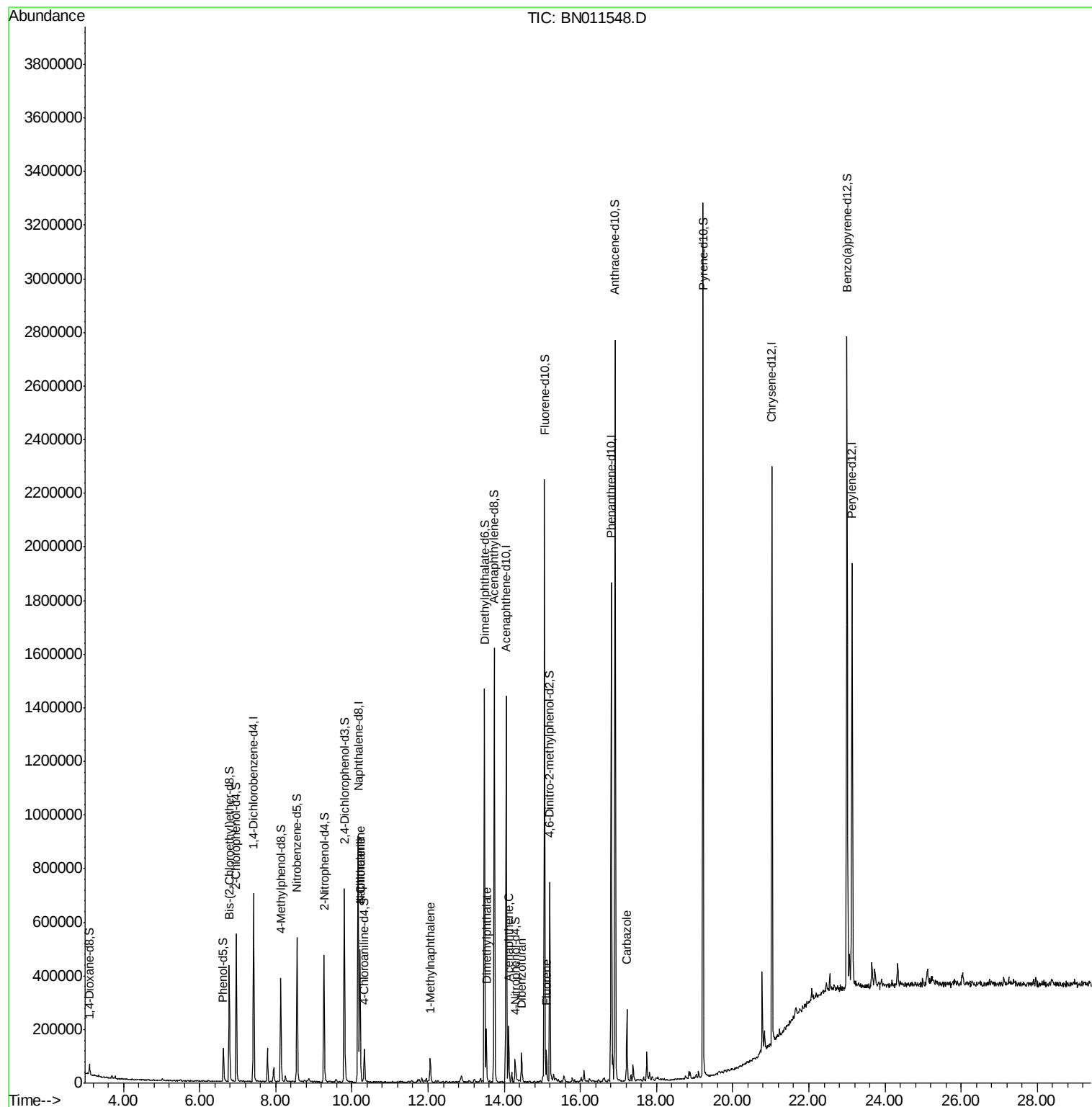
					Ovalue	
28) Naphthalene	10.21	128	397368	9.461	ng/ul	99
30) 4-Chloroaniline	10.21	127	53832	3.630	ng/ul#	11
35) 1-Methylnaphthalene	12.06	142	41188	1.459	ng/uL	97
45) Dimethylphthalate	13.53	163	125946	3.284	ng/ul	96
50) Acenaphthene	14.12	153	78228	2.400	ng/ul	98
54) Dibenzofuran	14.46	168	67795	1.434	ng/ul	100
59) Fluorene	15.11	166	46771	1.228	ng/ul	98
75) Carbazole	17.22	167	159949	3.052	ng/ul	98

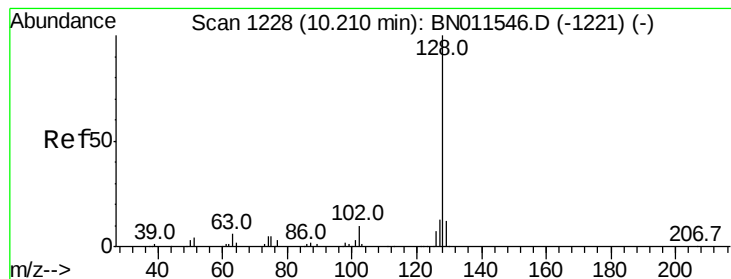
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 9.461 ng/ul

RT: 10.21 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BN011548.D

Acq: 21 Aug 2020 06:28

Instrument :

BNA_N

ClientSampleId :

DBFT9

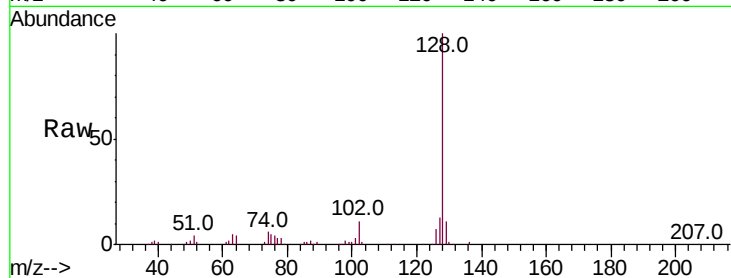
Tot Ion:128 Resp: 397368

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

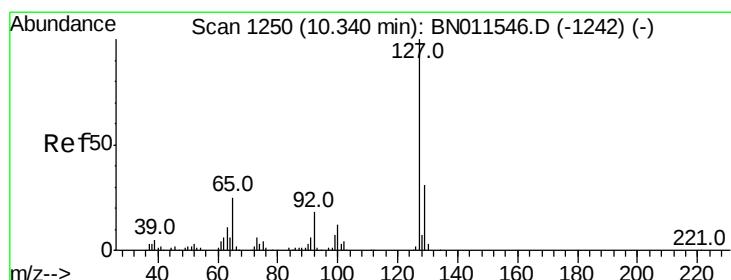
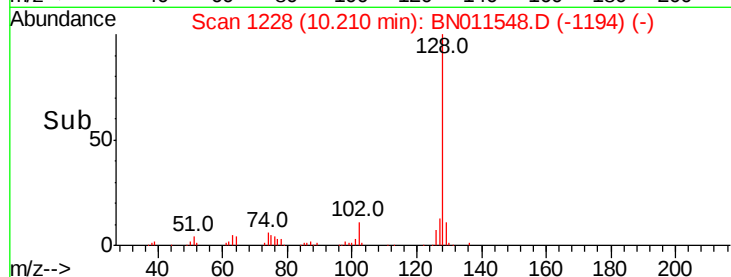
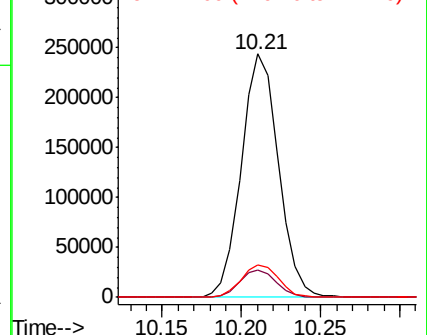
127 13.3 10.2 15.2



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



#30

4-Chloroaniline

Concen: 3.630 ng/ul

RT: 10.21 min Scan# 1228

Delta R.T. -0.13 min

Lab File: BN011548.D

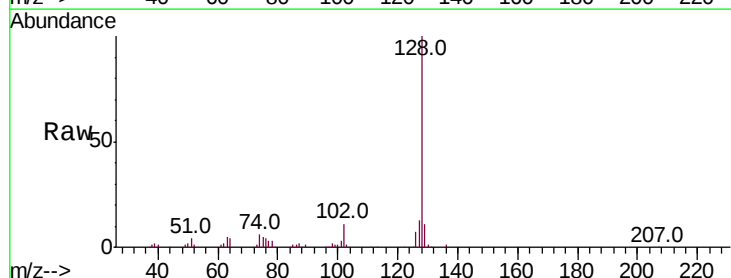
Acq: 21 Aug 2020 06:28

Tgt Ion:127 Resp: 53832

Ion Ratio Lower Upper

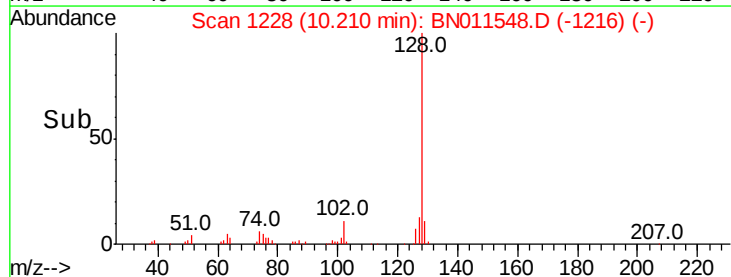
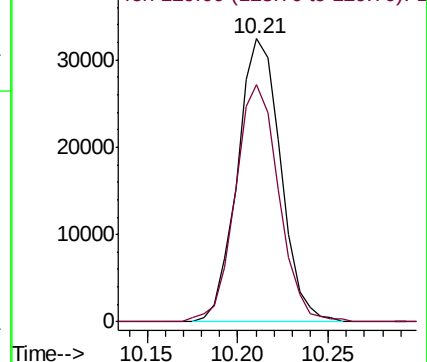
127 100

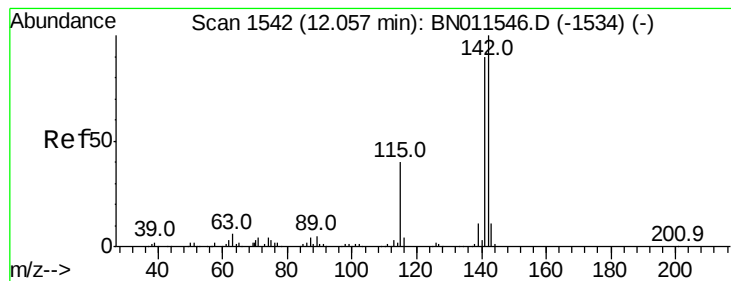
129 84.1 26.9 40.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#35

1-Methylnaphthalene

Concen: 1.459 ng/uL

RT: 12.06 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BN011548.D

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DBFT9

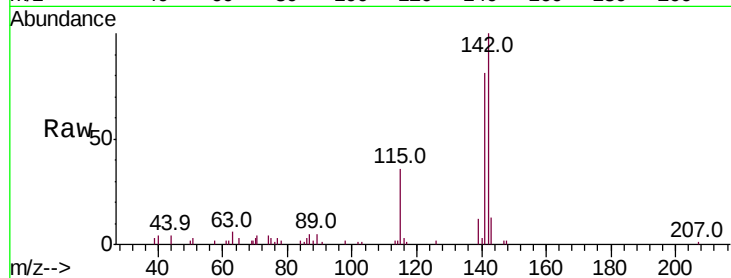
Tot Ion:142 Resp: 41188

Ion Ratio Lower Upper

142 100

141 91.0 75.0 112.4

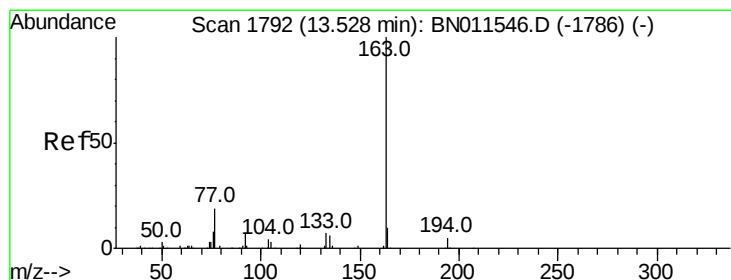
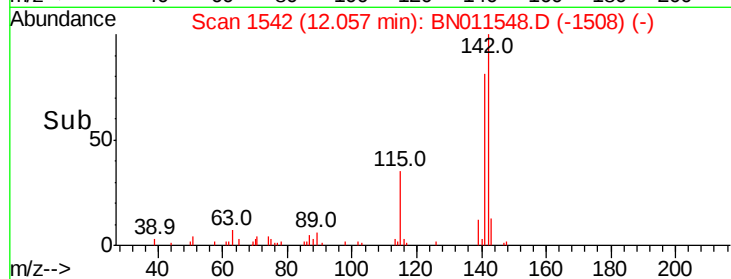
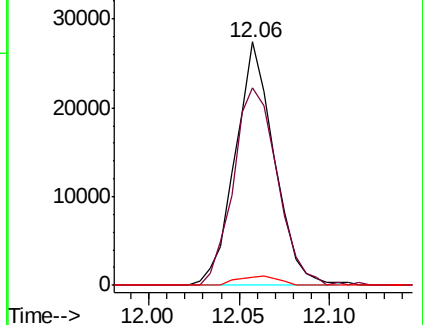
116 3.9 3.4 5.0



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



#45

Dimethylphthalate

Concen: 3.284 ng/uL

RT: 13.53 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BN011548.D

Acq: 21 Aug 2020 06:28

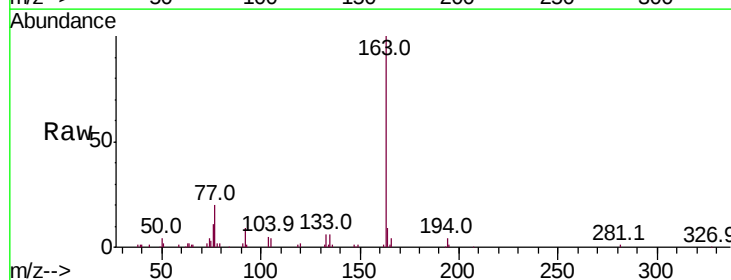
Tgt Ion:163 Resp: 125946

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

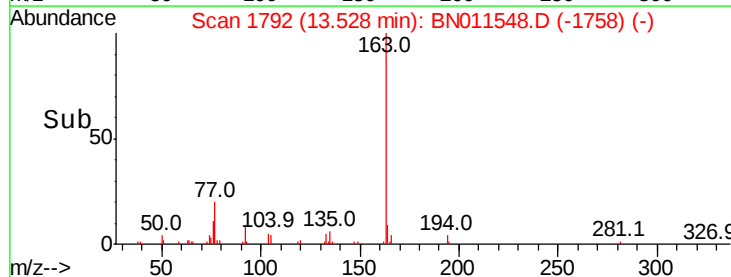
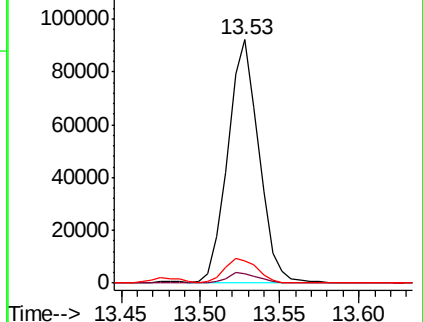
164 8.9 8.7 13.1

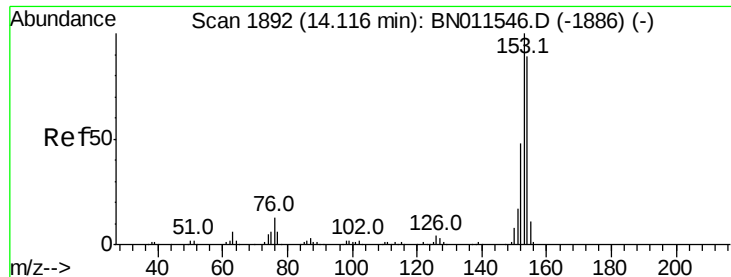


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 2.400 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN011548.D

Acq: 21 Aug 2020 06:28

Instrument :

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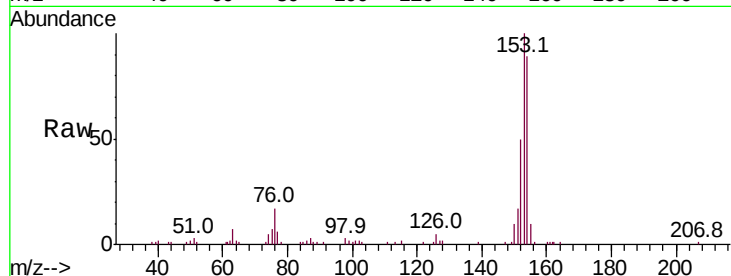
Tot Ion:153 Resp: 78228

Ion Ratio Lower Upper

153 100

152 49.9 37.6 56.4

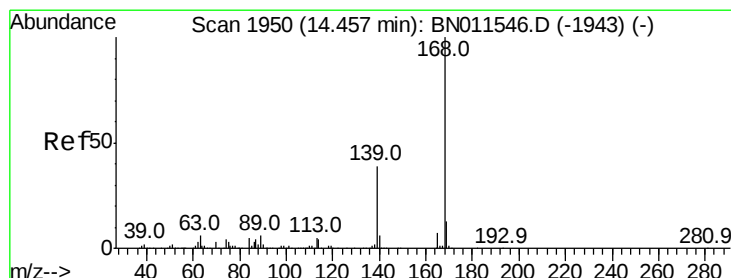
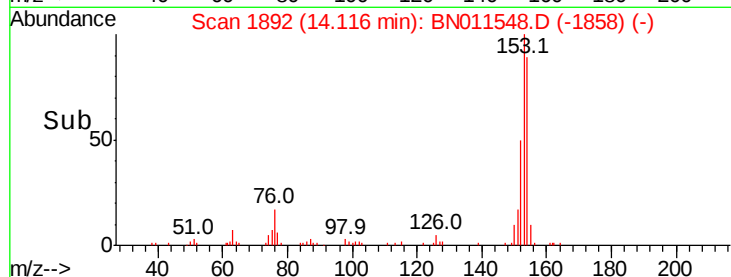
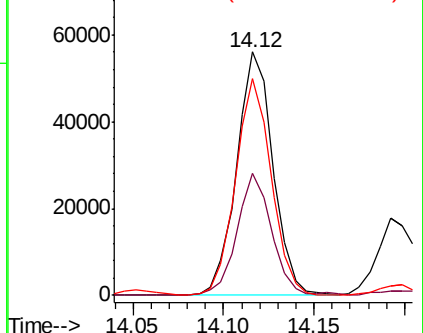
154 88.8 72.0 108.0



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: 1.434 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN011548.D

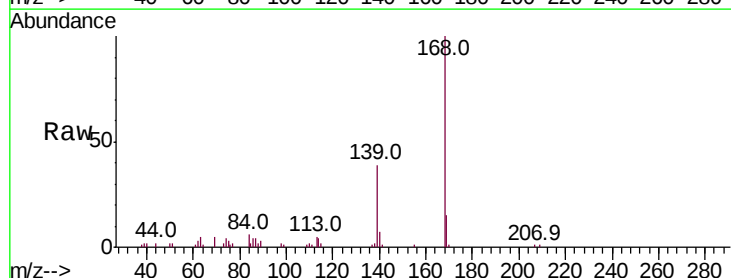
Acq: 21 Aug 2020 06:28

Tgt Ion:168 Resp: 67795

Ion Ratio Lower Upper

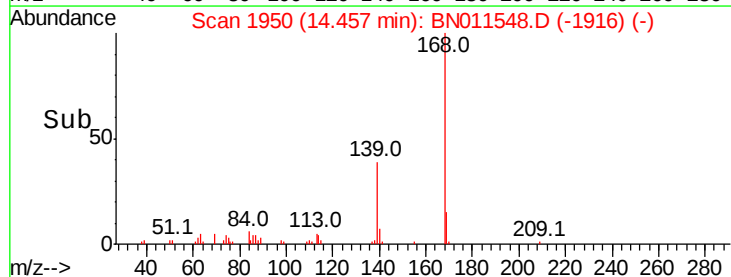
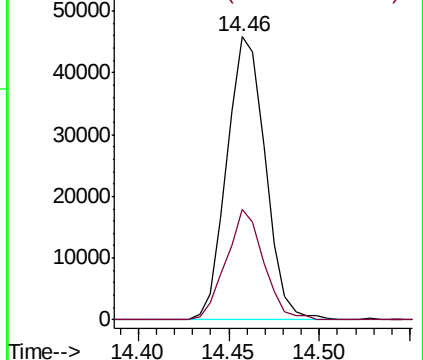
168 100

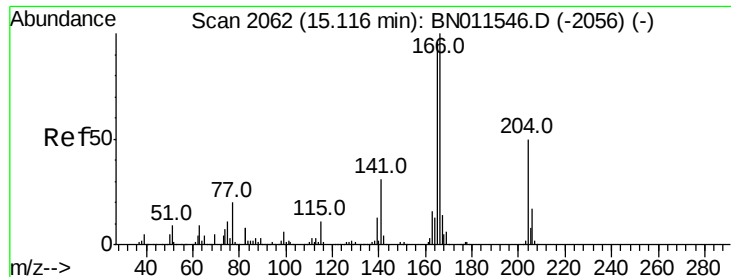
139 39.0 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

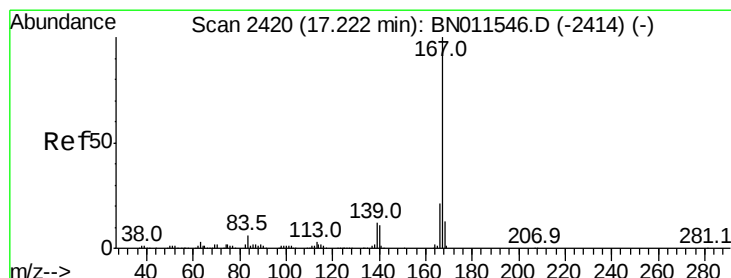
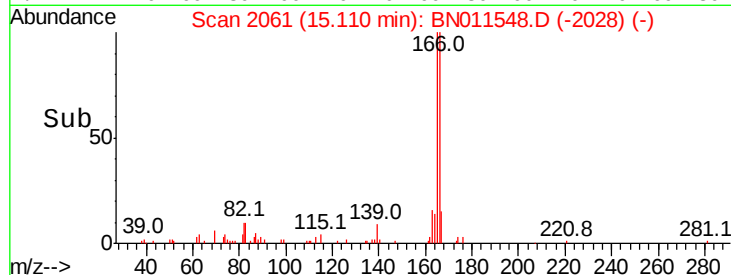
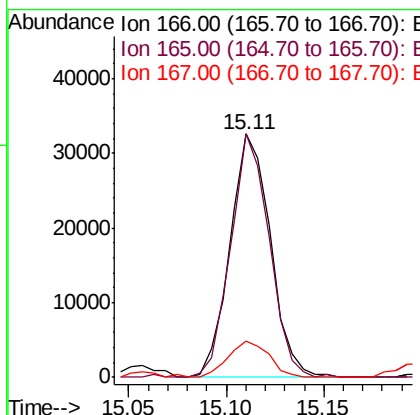
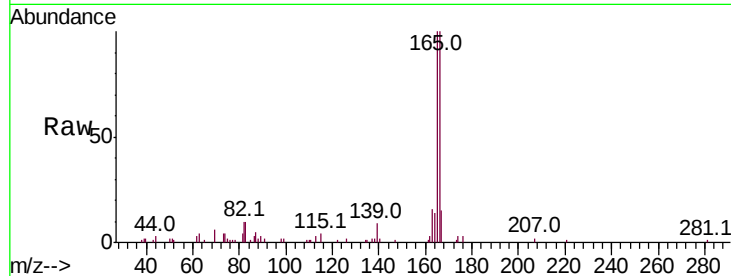




#59
 Fluorene
 Concen: 1.228 ng/ul
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BN011548.D
 Acq: 21 Aug 2020 06:28

Instrument :
 BNA_N
 ClientSampleId :
 DBFT9

Tot Ion:166 Resp: 46771
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.0 117.0
 167 15.0 11.9 17.9



#75
 Carbazole
 Concen: 3.052 ng/ul
 RT: 17.22 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BN011548.D
 Acq: 21 Aug 2020 06:28

Tgt Ion:167 Resp: 159949
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.2 25.8
 139 12.9 10.2 15.2

