

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
 Data File : BN012177.D
 Acq On : 14 Oct 2020 01:27
 Operator : CG/JU
 Sample : L4359-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7T3

Quant Time: Oct 14 03:23:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 03:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	298507	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1185322	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	744073	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1598440	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1554491	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1625764	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	39527	5.85	ng/uL	0.00
5) Phenol-d5	6.81	99	115580	4.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	288730	18.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	327420	15.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	227126	10.90	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	189311	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	211485	19.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	405054	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	506989	20.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1387831	22.78	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1653886	22.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	39334	3.46	ng/ul	0.01
58) Fluorene-d10	15.27	176	1169840	22.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	112317	10.60	ng/ul	0.00
71) Anthracene-d10	17.12	188	1824540	23.32	ng/ul	0.00
79) Pyrene-d10	19.42	212	1991781	24.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	2073722	22.60	ng/ul	0.00

Target Compounds

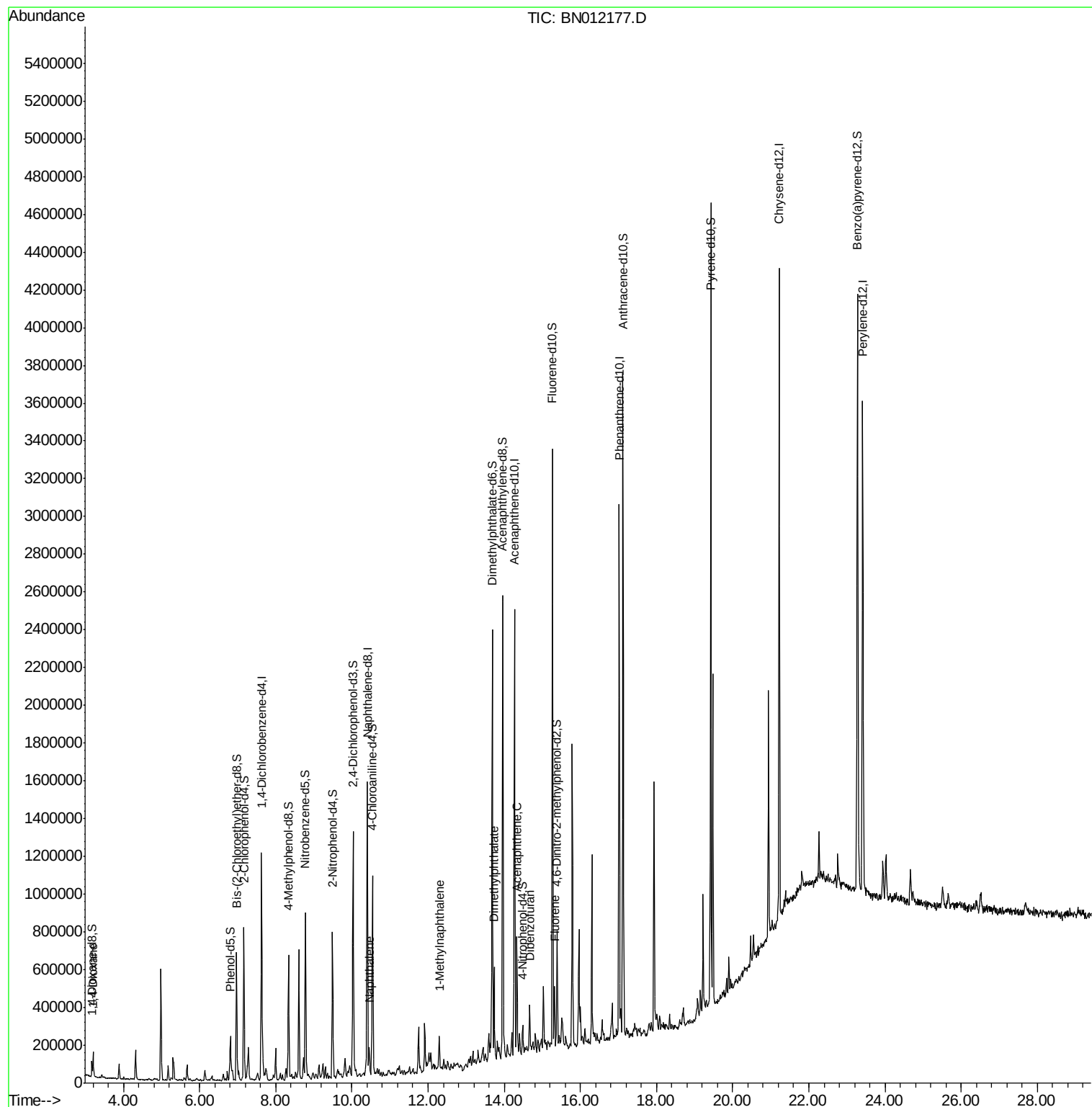
					Ovalue
2) 1,4-Dioxane	3.20	88	61276	8.018	ng/uL 96
28) Naphthalene	10.45	128	91668	1.320	ng/ul 97
35) 1-Methylnaphthalene	12.29	142	62270	1.328	ng/uL# 100
45) Dimethylphthalate	13.73	163	297845	4.685	ng/ul 99
50) Acenaphthene	14.33	153	236277	4.460	ng/ul 95
54) Dibenzofuran	14.67	168	130415	1.768	ng/ul 98
59) Fluorene	15.32	166	120628	1.944	ng/ul 99

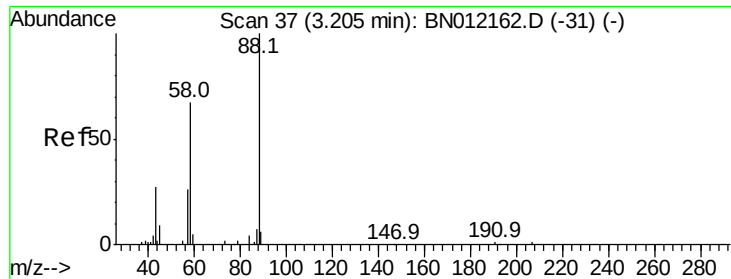
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 8.018 ng/uL

RT: 3.20 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN012177.D

Acq: 14 Oct 2020 01:27

Instrument :

BNA_N

ClientSampleId :

CB7T3

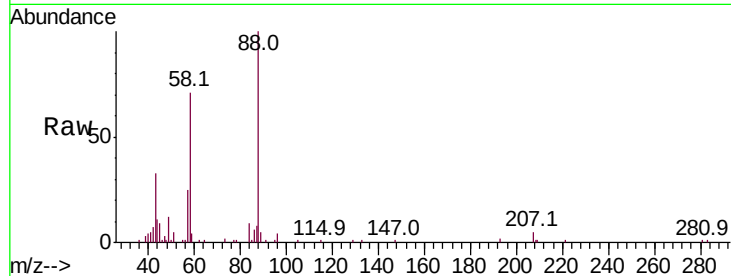
Tot Ion: 88 Resp: 61276

Ion Ratio Lower Upper

88 100

43 33.4 26.5 39.7

58 71.2 61.0 91.4

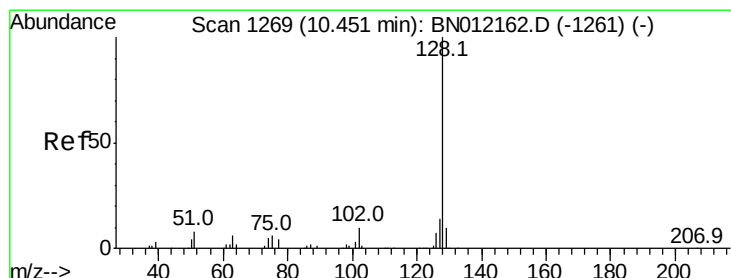
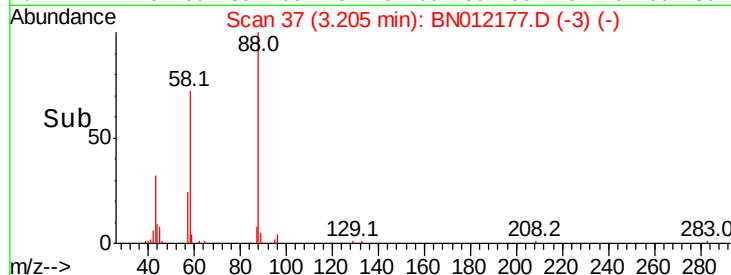
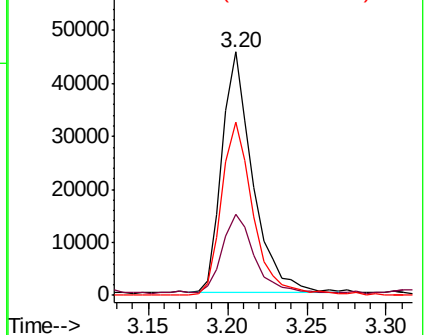


Abundance

Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0



#28

Naphthalene

Concen: 1.320 ng/uL

RT: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN012177.D

Acq: 14 Oct 2020 01:27

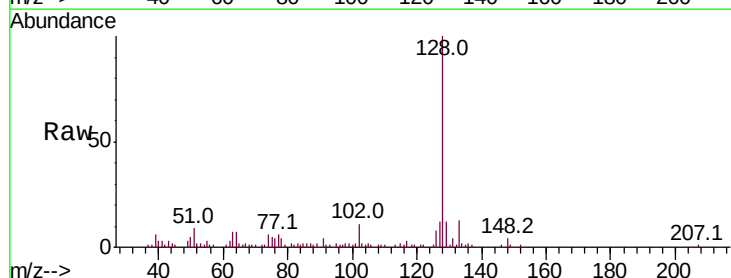
Tgt Ion: 128 Resp: 91668

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 12.1 10.7 16.1

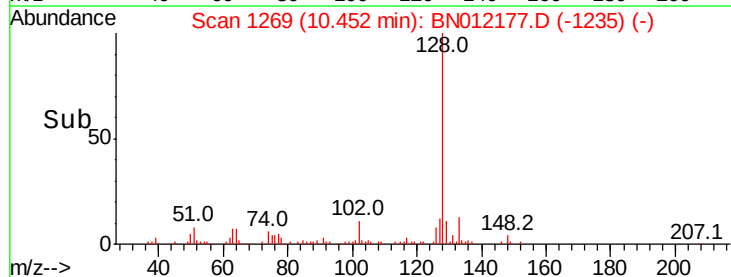
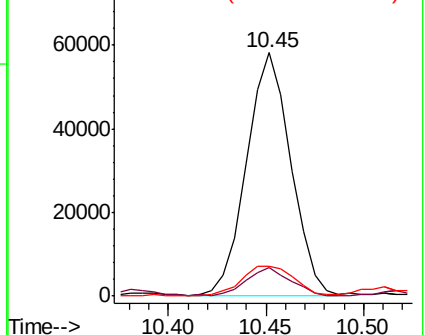


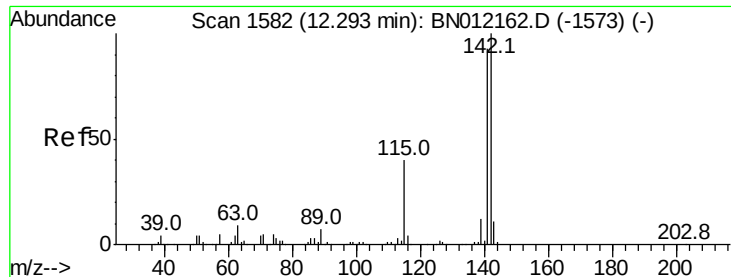
Abundance

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

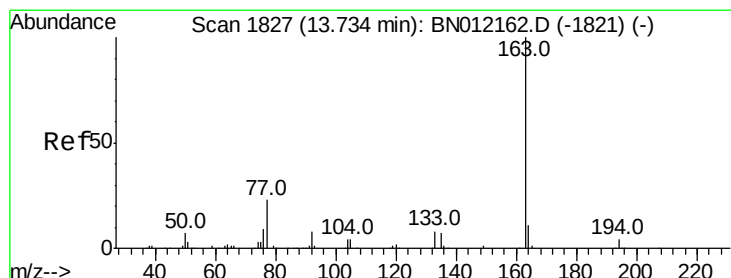
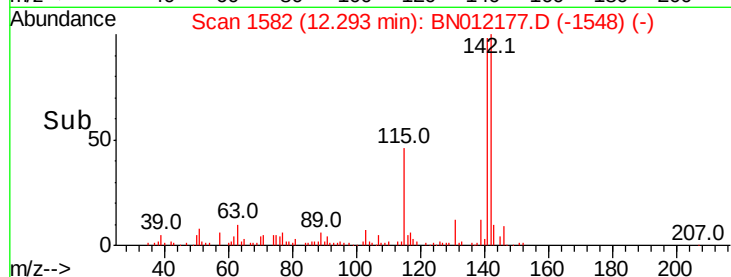
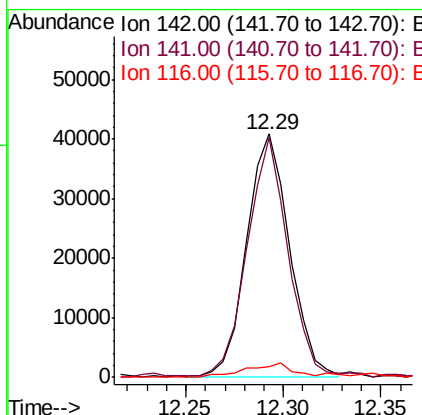
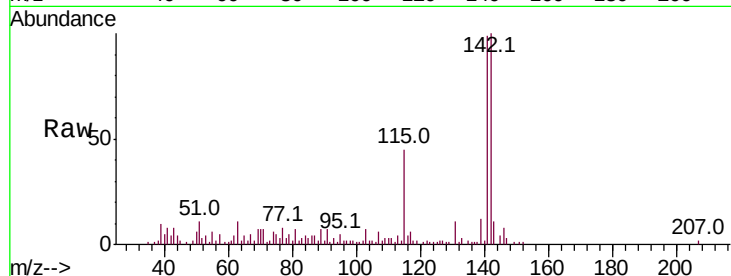




#35
1-Methylnaphthalene
Concen: 1.328 ng/uL
RT: 12.29 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN012177.D
Acq: 14 Oct 2020 01:27

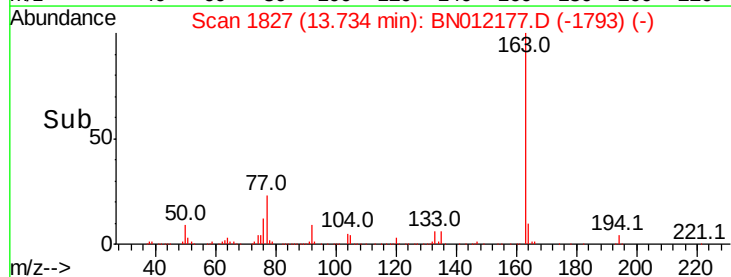
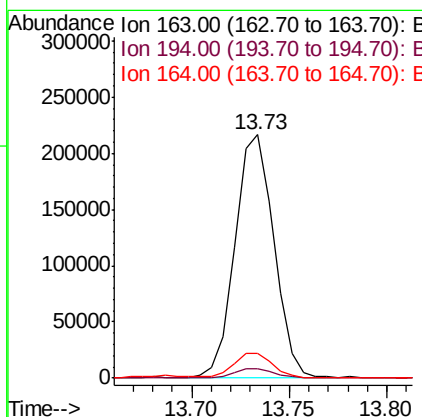
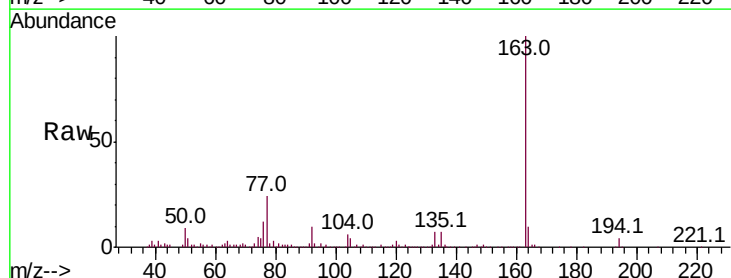
Instrument :
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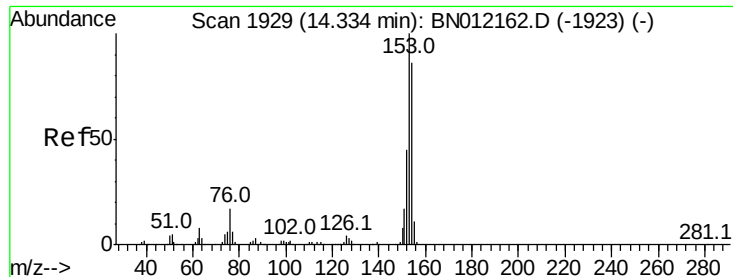
Tot Ion:142 Resp: 62270
Ion Ratio Lower Upper
142 100
141 93.9 75.2 112.8
116 6.3 3.4 5.2#



#45
Dimethylphthalate
Concen: 4.685 ng/uL
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BN012177.D
Acq: 14 Oct 2020 01:27

Tgt Ion:163 Resp: 297845
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.0 7.8 11.8





#50

Acenaphthene

Concen: 4.460 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BN012177.D

Acq: 14 Oct 2020 01:27

Instrument :

BNA_N

ClientSampleId :

CB7T3

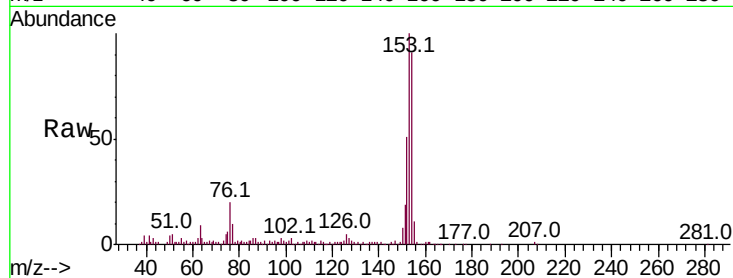
Tot Ion:153 Resp: 236277

Ion Ratio Lower Upper

153 100

152 50.6 35.9 53.9

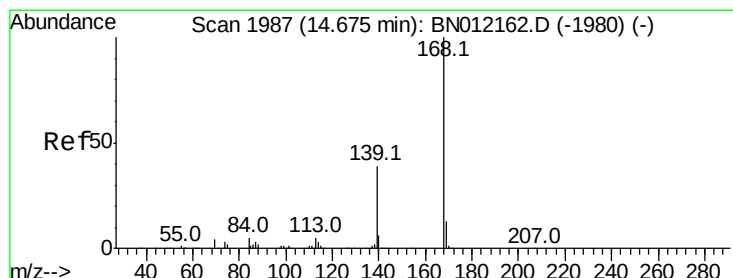
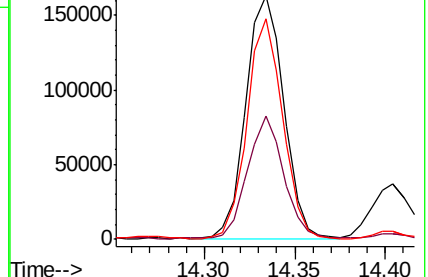
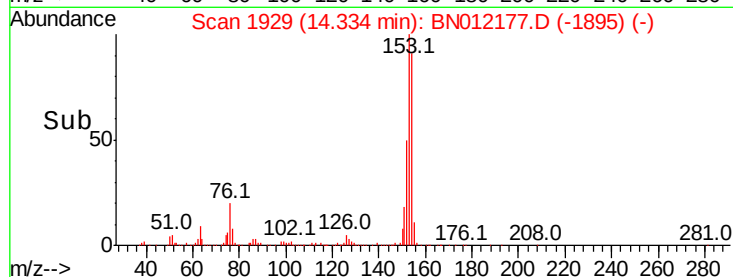
154 90.5 70.2 105.2



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: 1.768 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN012177.D

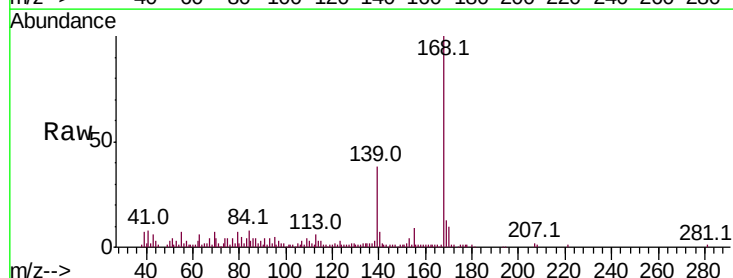
Acq: 14 Oct 2020 01:27

Tgt Ion:168 Resp: 130415

Ion Ratio Lower Upper

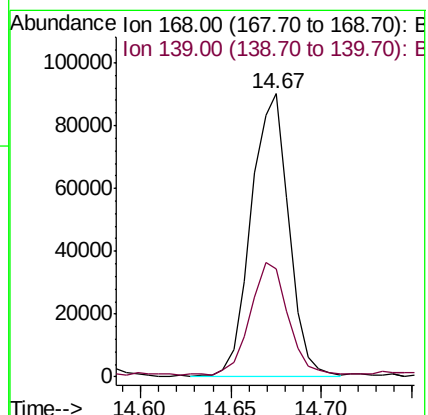
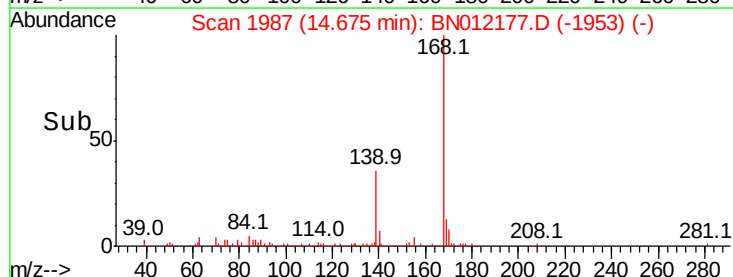
168 100

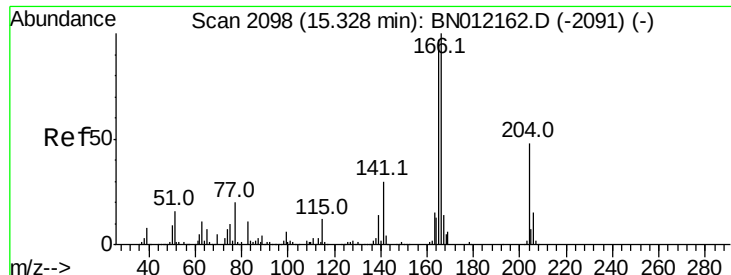
139 38.0 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.944 ng/ul

RT: 15.32 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN012177.D

Acq: 14 Oct 2020 01:27

Instrument :

BNA_N

ClientSampleId :

CB7T3

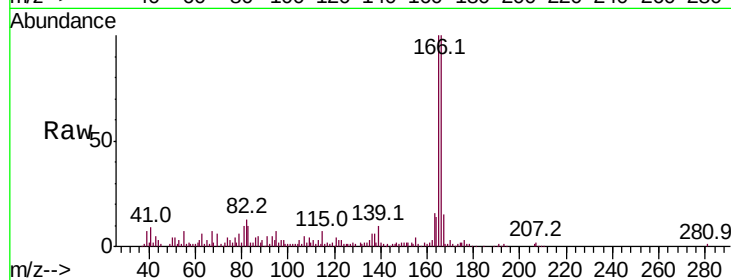
Tot Ion:166 Resp: 120628

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

167 15.1 10.5 15.7



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

