

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
 Data File : BN012648.D
 Acq On : 20 Nov 2020 00:56
 Operator : CG/JU
 Sample : L4753-14DL2 25X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGH5DL2

Quant Time: Dec 04 06:11:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 20 01:38:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	114518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	446317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	276151	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	614309	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	645093	20.00	ng/ul	-0.01
86) Perylene-d12	23.18	264	677385	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/uL	
7) Bis-(2-Chloroethyl)ether-d	6.79	67	7227	1.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	7335	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	3203	0.38	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	3990	1.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	3542	0.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	6754	0.87	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.52	166	36923	1.64	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	36297	1.35	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.10	176	31791	1.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	2962	0.71	ng/ul	0.00
71) Anthracene-d10	16.95	188	49046	1.57	ng/ul	0.00
79) Pyrene-d10	19.26	212	52776	1.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	58979	1.59	ng/ul	-0.02

Target Compounds

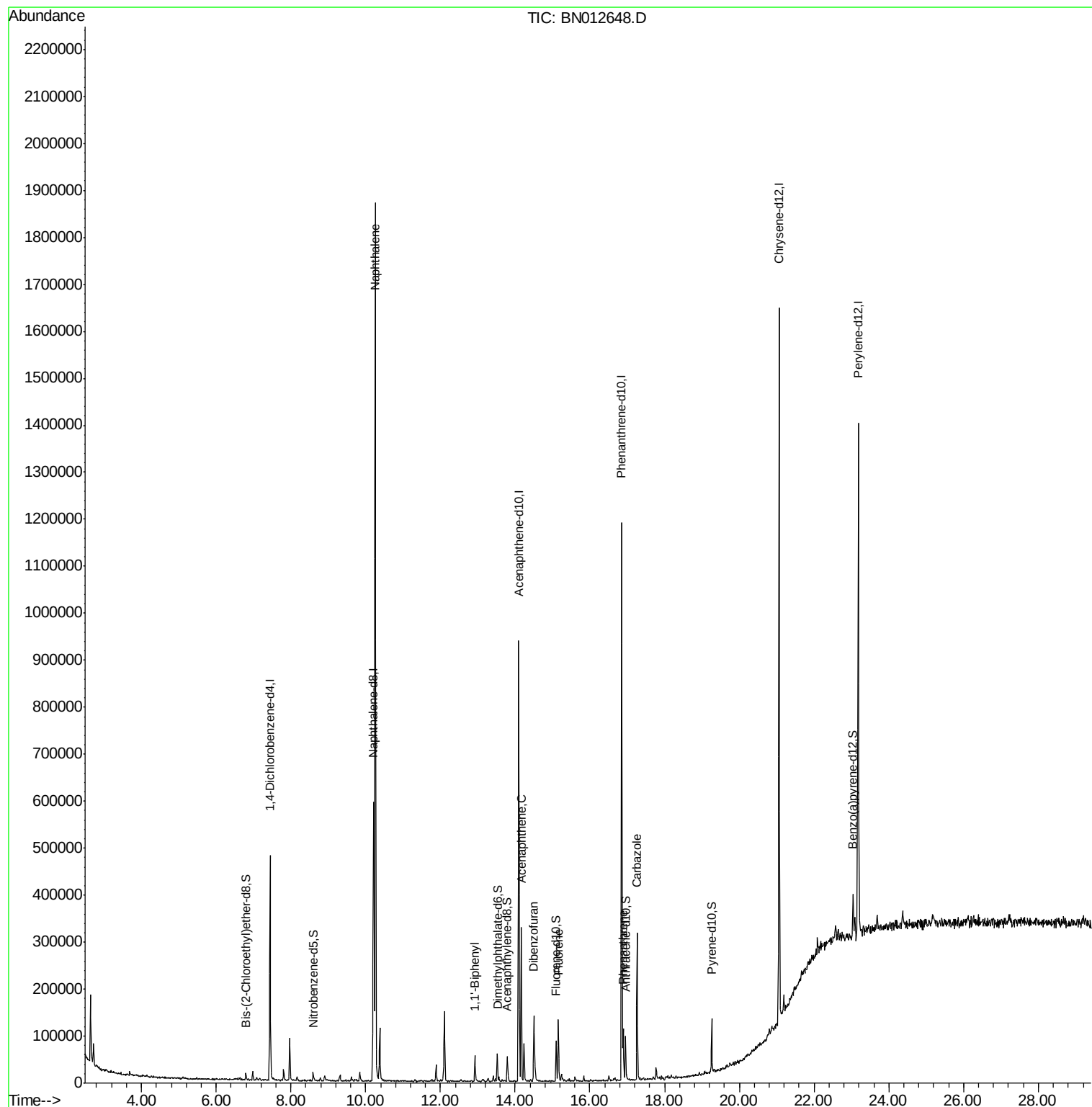
					Ovalue	
28) Naphthalene	10.26	128	1338207	51.866	ng/ul	98
41) 1,1'-Biophenyl	12.92	154	30288	1.323	ng/ul	95
50) Acenaphthene	14.16	153	119350	6.061	ng/ul	99
54) Dibenzofuran	14.50	168	85013	3.114	ng/ul	94
59) Fluorene	15.16	166	54223	2.377	ng/ul	97
70) Phenanthrene	16.89	178	56628	1.499	ng/ul	96
75) Carbazole	17.26	167	183409	5.613	ng/ul	98

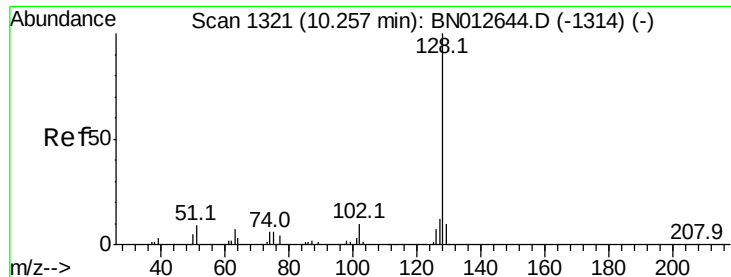
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 51.866 ng/ul

RT: 10.26 min Scan# 1321

Delta R.T. -0.01 min

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ClientSampleId :

DBGH5DL2

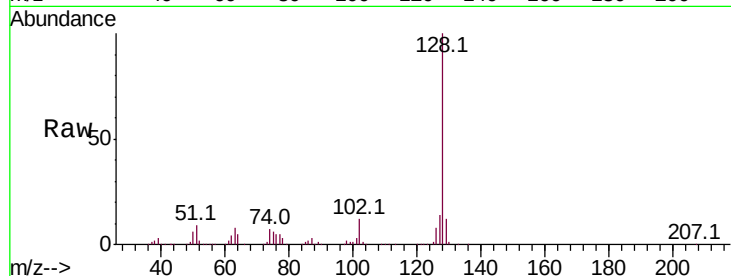
Tot Ion:128 Resp: 1338207

Ion Ratio Lower Upper

128 100

129 11.8 8.6 12.8

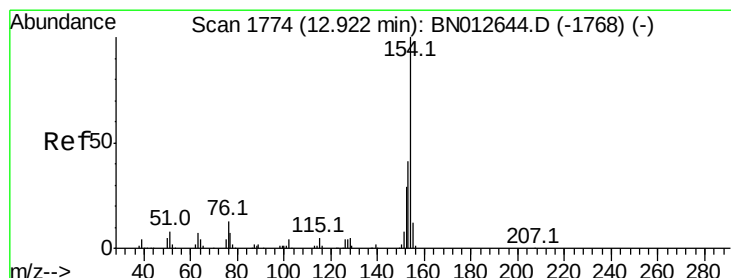
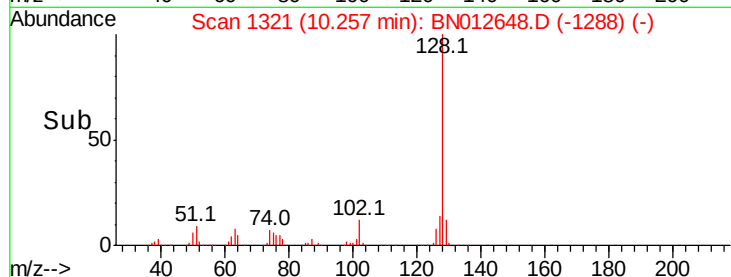
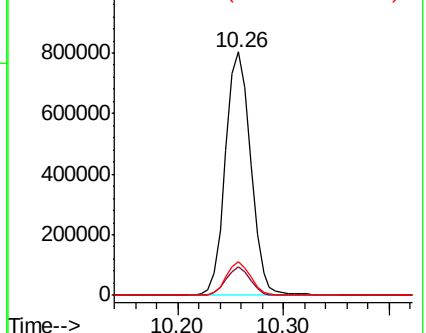
127 14.0 11.6 17.4



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



#41

1,1'-Biphenyl

Concen: 1.323 ng/ul

RT: 12.92 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BN012648.D

Acq: 20 Nov 2020 00:56

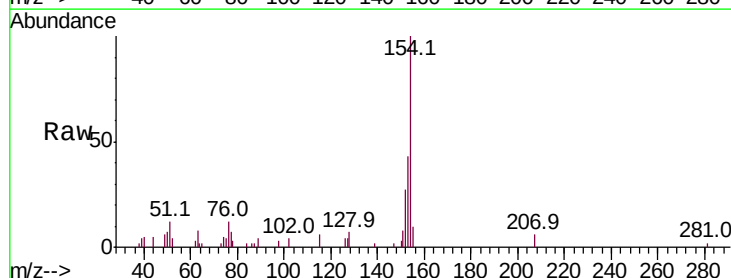
Tgt Ion:154 Resp: 30288

Ion Ratio Lower Upper

154 100

153 43.0 31.4 47.0

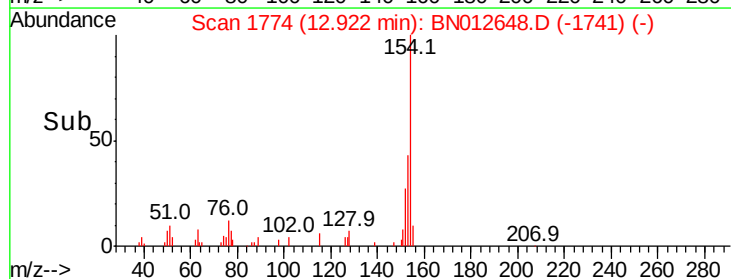
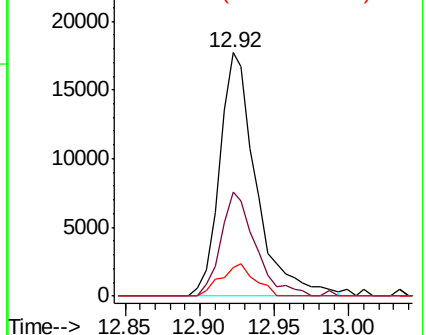
76 11.9 9.3 13.9

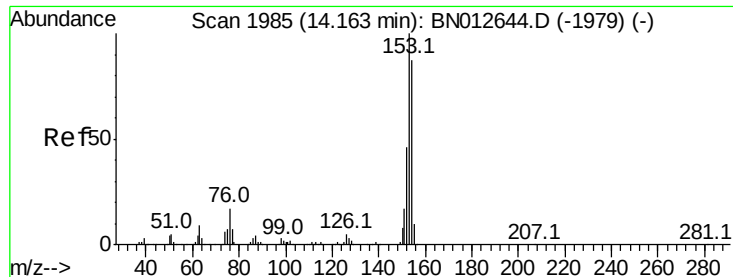


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO





#50

Acenaphthene

Concen: 6.061 ng/ul

RT: 14.16 min Scan# 1985

Delta R.T. -0.01 min

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BNA_N

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DBGH5DL2

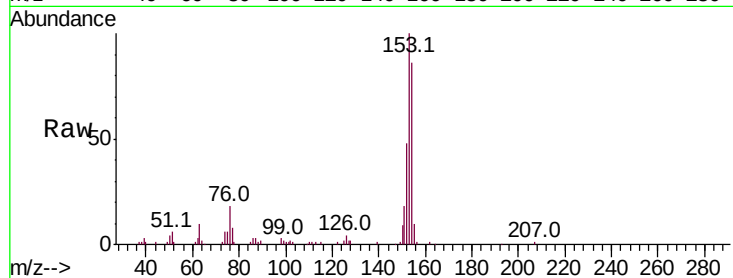
Tot Ion:153 Resp: 119350

Ion Ratio Lower Upper

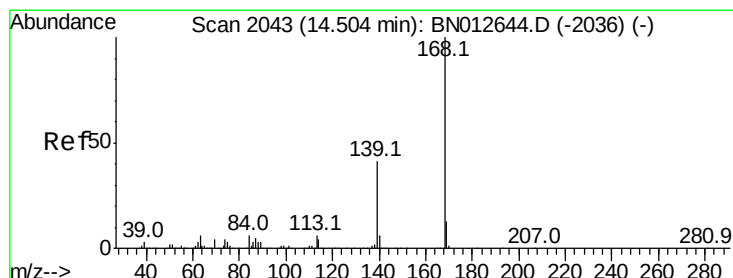
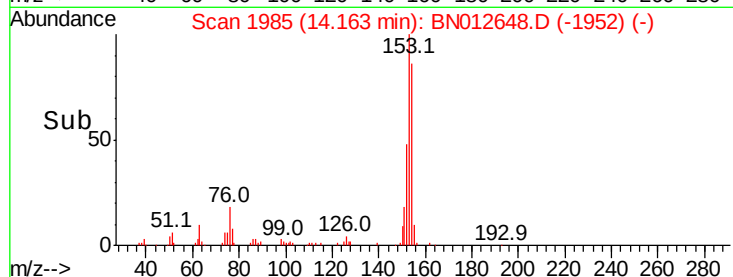
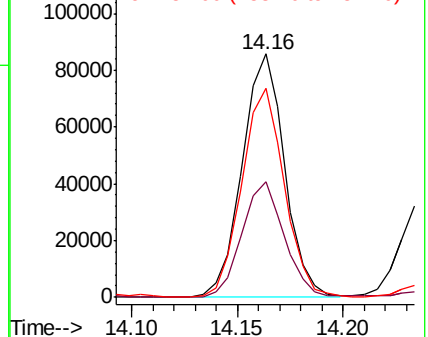
153 100

152 47.7 37.1 55.7

154 86.0 69.7 104.5



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: 3.114 ng/ul

RT: 14.50 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN012648.D

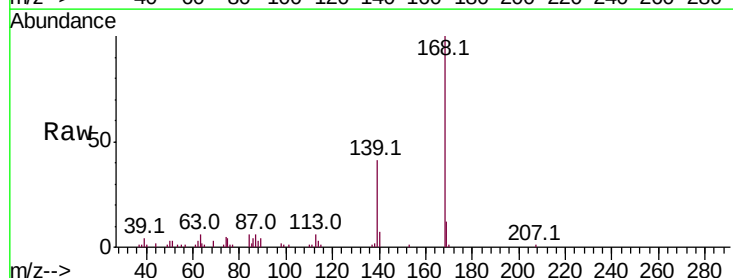
Acq: 20 Nov 2020 00:56

Tgt Ion:168 Resp: 85013

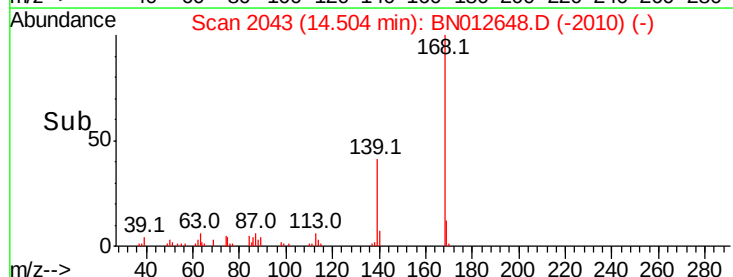
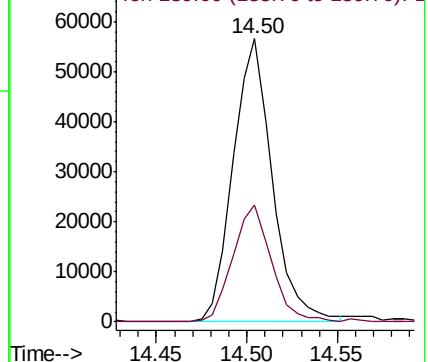
Ion Ratio Lower Upper

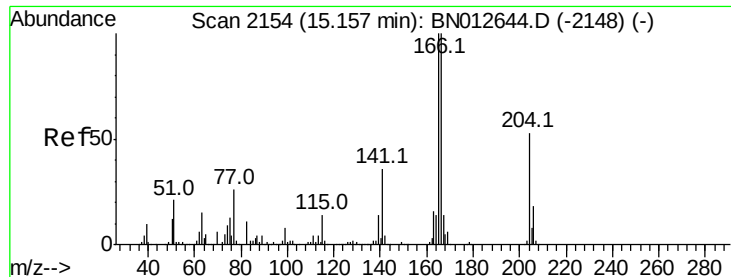
168 100

139 41.5 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

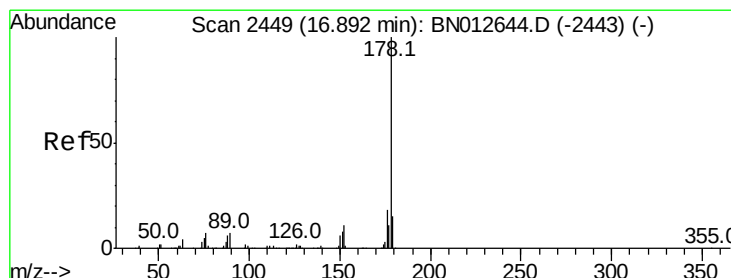
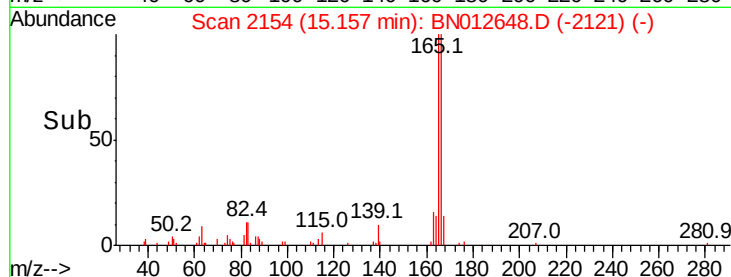
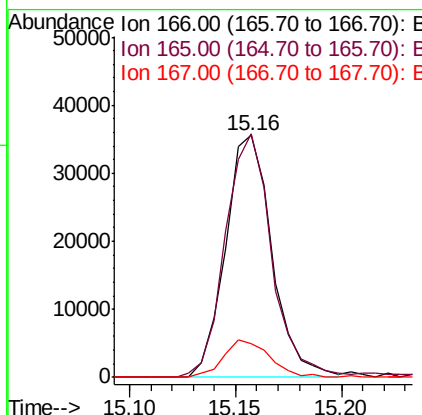
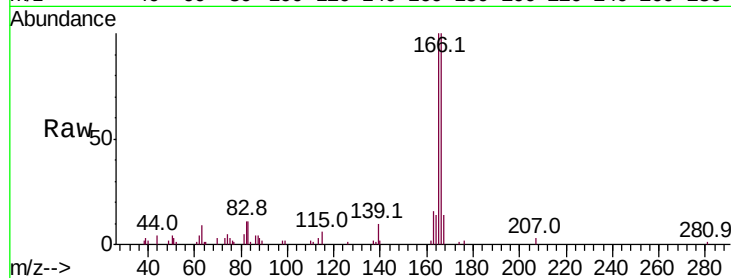




#59
 Fluorene
 Concen: 2.377 ng/ul
 RT: 15.16 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BN012648.D
 Acq: 20 Nov 2020 00:56

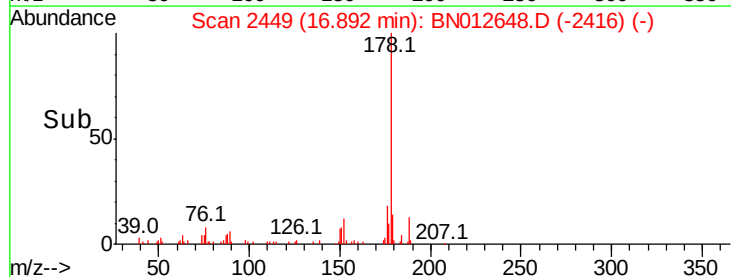
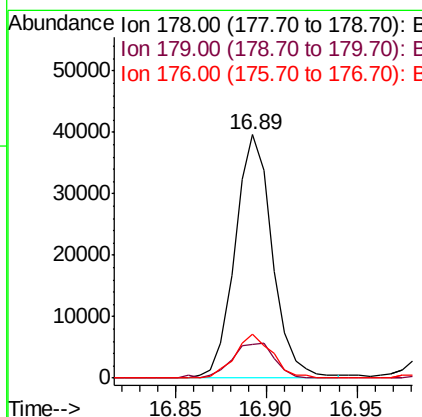
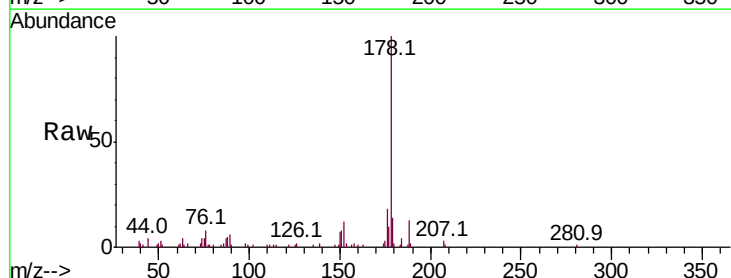
Instrument :
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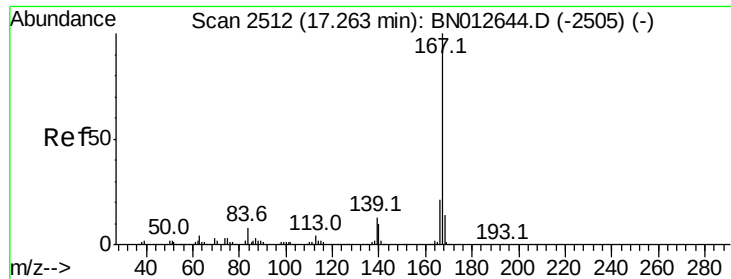
Tot Ion:166 Resp: 54223
 Ion Ratio Lower Upper
 166 100
 165 100.5 83.3 124.9
 167 13.7 11.0 16.6



#70
 Phenanthrene
 Concen: 1.499 ng/ul
 RT: 16.89 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BN012648.D
 Acq: 20 Nov 2020 00:56

Tgt Ion:178 Resp: 56628
 Ion Ratio Lower Upper
 178 100
 179 13.9 13.1 19.7
 176 18.0 15.4 23.0





#75

Carbazole

Concen: 5.613 ng/ul

RT: 17.26 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BN012648.D

Acq: 20 Nov 2020 00:56

Instrument :

BNA_N

ClientSampleId :

DBGH5DL2

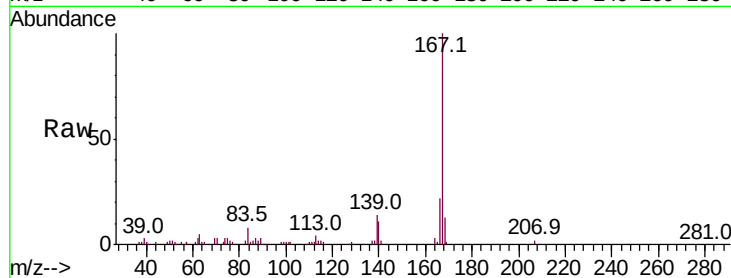
Tot Ion:167 Resp: 183409

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 14.2 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

