

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023763.D
 Acq On : 23 Jan 2023 21:48
 Operator : CG/JU
 Sample : 01216-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH206DL

Quant Time: Jan 24 00:02:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 20 23:02:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

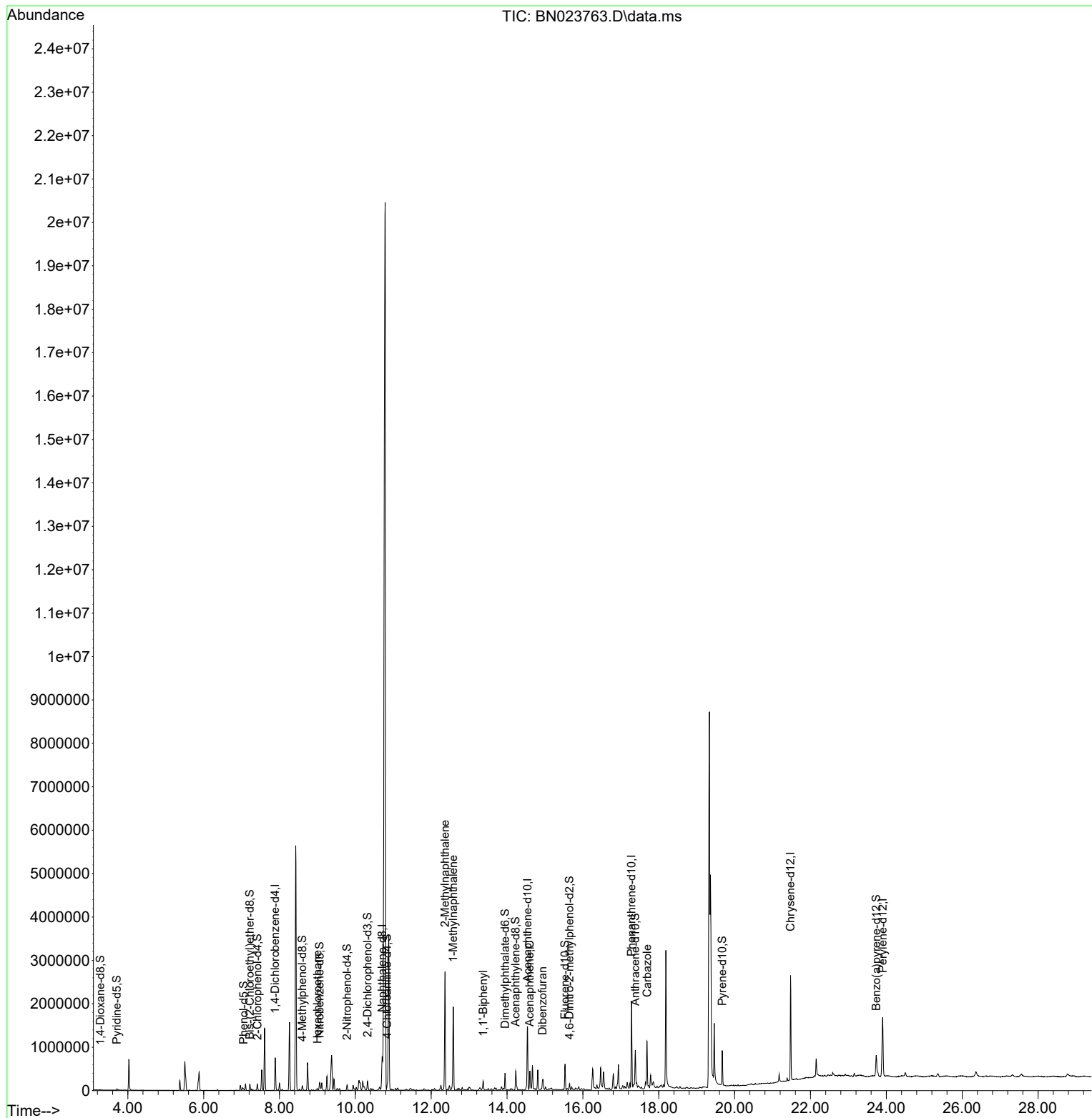
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	189341	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	800508	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	483620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	1055974	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	997351	20.000	ng/ul	-0.01
88) Perylene-d12	23.904	264	1011486	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	5064	1.151	ng/uL	0.00
4) Pyridine-d5	3.711	84	17347	1.314	ng/ul	0.01
7) Phenol-d5	7.052	99	20463	1.219	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	63077	6.127	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	59710	4.646	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	37360	2.789	ng/ul	-0.01
21) Nitrobenzene-d5	9.057	128	38314	6.347	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	37080	5.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	67901	5.571	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	80096	4.178	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	238268	6.623	ng/ul	-0.01
49) Acenaphthylene-d8	14.228	160	262816	6.593	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	7077	0.966	ng/ul	0.00
60) Fluorene-d10	15.528	176	207258	6.742	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	26076	4.093	ng/ul	0.00
73) Anthracene-d10	17.381	188	334122	7.071	ng/ul	0.00
81) Pyrene-d10	19.675	212	385540	6.759	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	332365	6.645	ng/ul	-0.02
Target Compounds				Qvalue		
19) Hexachloroethane	8.999	117	5798	1.092	ng/ul#	10
36) 2-Methylnaphthalene	12.363	142	1172999	40.890	ng/ul	97
37) 1-Methylnaphthalene	12.581	142	791842	27.018	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	99382	2.664	ng/ul	99
52) Acenaphthene	14.598	153	157668	5.046	ng/ul	99
56) Dibenzofuran	14.934	168	115101	2.646	ng/ul	97
77) Carbazole	17.692	167	667950	13.064	ng/ul	100

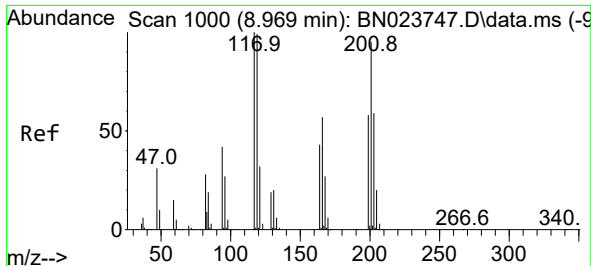
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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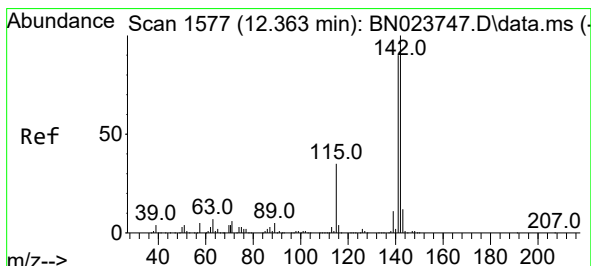
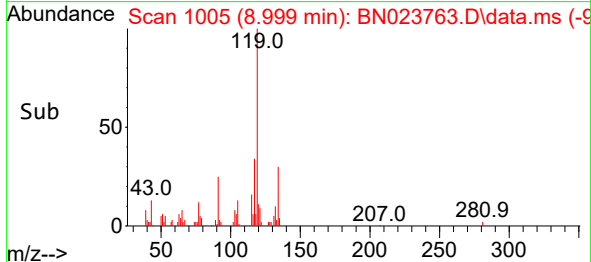
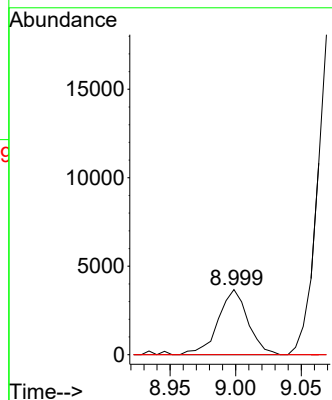
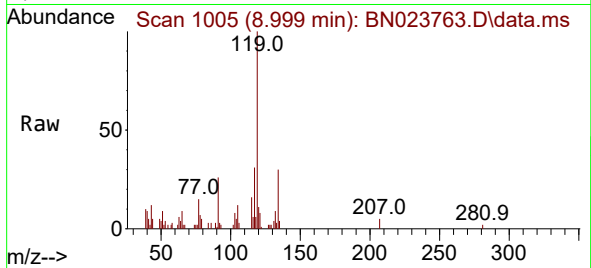




#19
Hexachloroethane
Concen: 1.092 ng/ul
RT: 8.999 min Scan# 1005
Delta R.T. 0.024 min
Lab File: BN023763.D
Acq: 23 Jan 2023 21:48

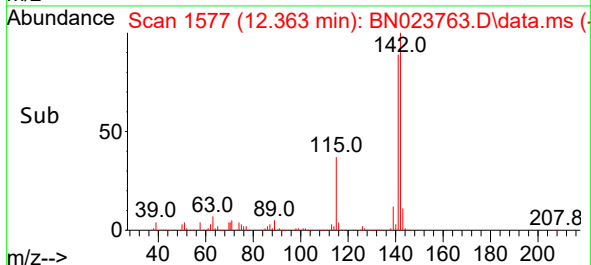
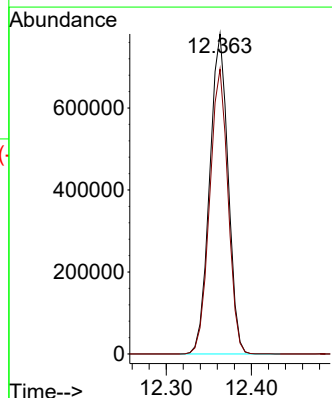
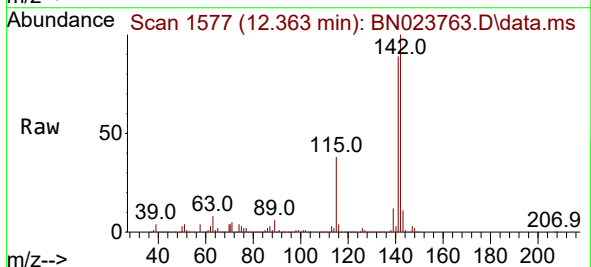
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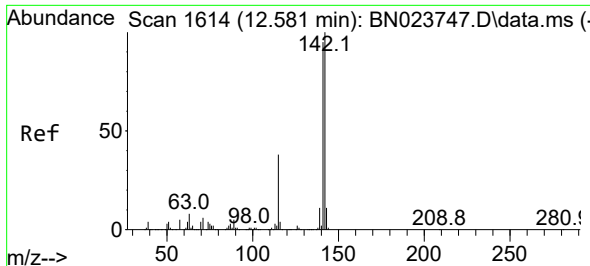
Tgt Ion:117 Resp: 5798
Ion Ratio Lower Upper
117 100
201 0.0 76.9 115.3#
199 0.0 44.6 67.0#



#36
2-Methylnaphthalene
Concen: 40.890 ng/ul
RT: 12.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN023763.D
Acq: 23 Jan 2023 21:48

Tgt Ion:142 Resp: 1172999
Ion Ratio Lower Upper
142 100
141 89.0 73.6 110.4





#37

1-Methylnaphthalene

Concen: 27.018 ng/ul

RT: 12.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN023763.D

Acq: 23 Jan 2023 21:48

Instrument :

BNA_N

ClientSampleId :

BH206DL

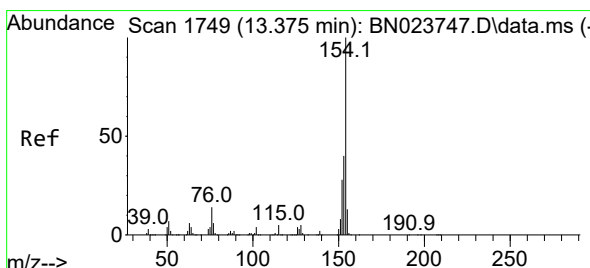
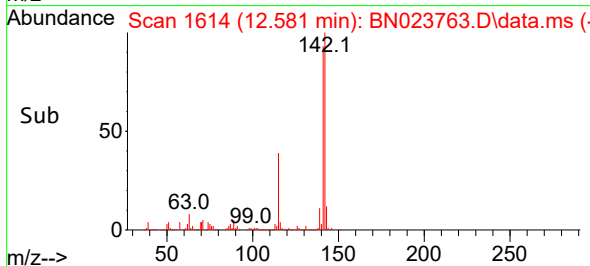
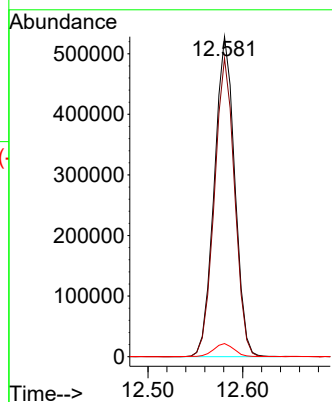
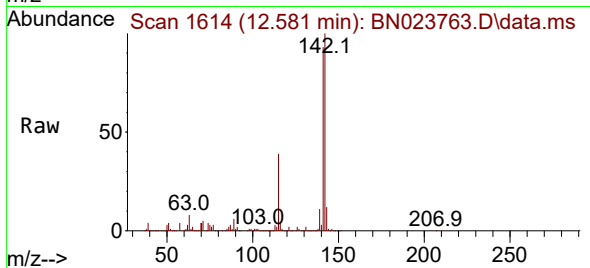
Tgt Ion:142 Resp: 791842

Ion Ratio Lower Upper

142 100

141 93.3 73.8 110.6

116 4.1 3.0 4.4



#43

1,1'-Biphenyl

Concen: 2.664 ng/ul

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BN023763.D

Acq: 23 Jan 2023 21:48

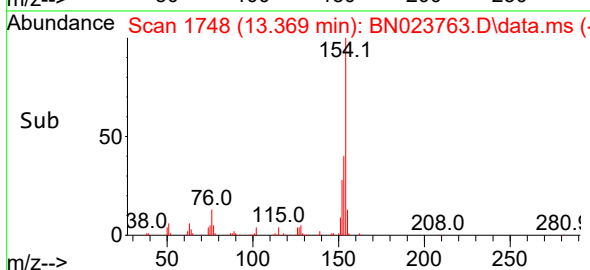
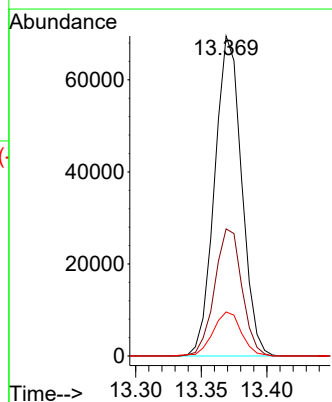
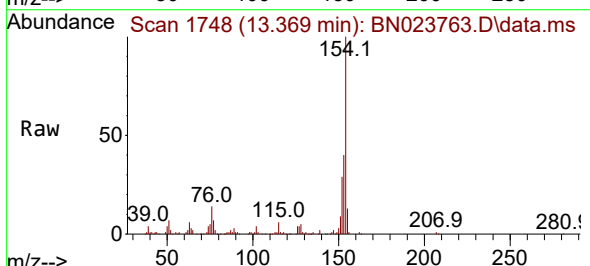
Tgt Ion:154 Resp: 99382

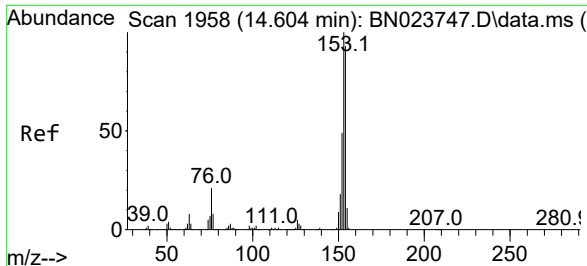
Ion Ratio Lower Upper

154 100

153 39.7 32.5 48.7

76 13.8 11.0 16.6

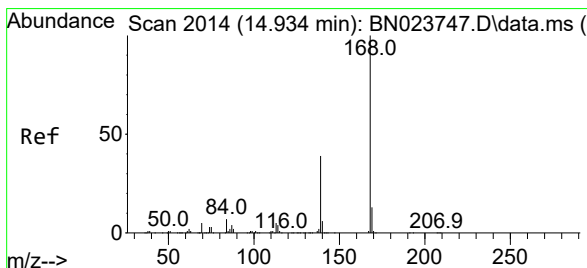
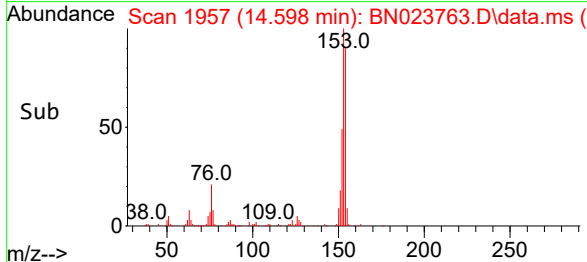
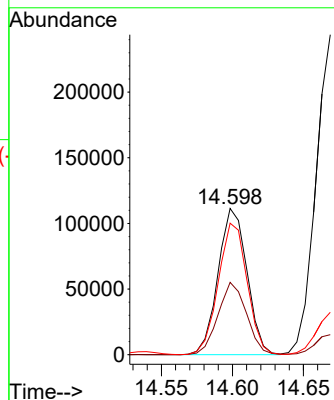
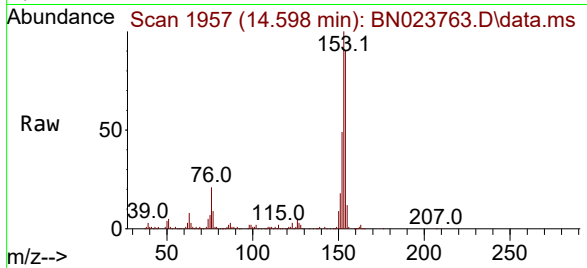




#52
Acenaphthene
Concen: 5.046 ng/ul
RT: 14.598 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BN023763.D
Acq: 23 Jan 2023 21:48

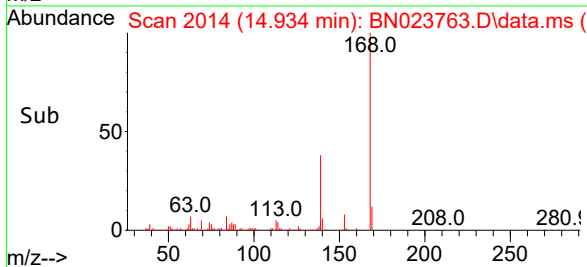
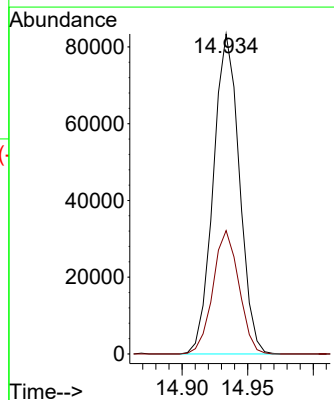
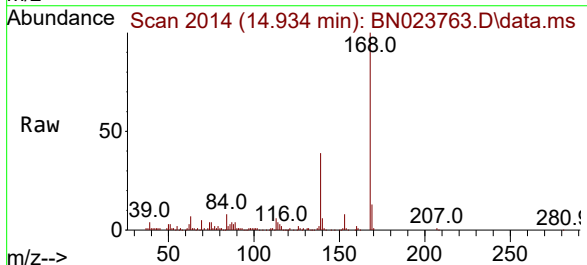
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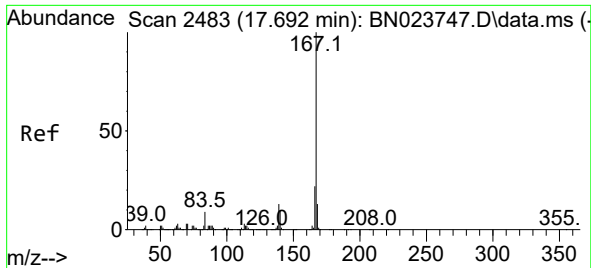
Tgt Ion:153 Resp: 157668
Ion Ratio Lower Upper
153 100
152 49.5 38.5 57.7
154 90.0 71.5 107.3



#56
Dibenzofuran
Concen: 2.646 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BN023763.D
Acq: 23 Jan 2023 21:48

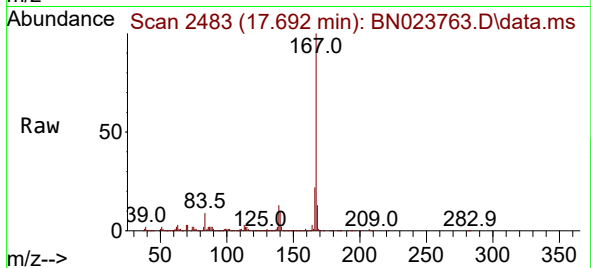
Tgt Ion:168 Resp: 115101
Ion Ratio Lower Upper
168 100
139 38.6 29.6 44.4





#77
 Carbazole
 Concen: 13.064 ng/ul
 RT: 17.692 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN023763.D
 Acq: 23 Jan 2023 21:48

Instrument :
 BNA_N
 ClientSampleId :
 BH206DL



Tgt Ion:167 Resp: 667950

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	13.5	11.0	16.6

