

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023755.D
 Acq On : 23 Jan 2023 16:53
 Operator : CG/JU
 Sample : 01216-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH206

Quant Time: Jan 24 00:01:27 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

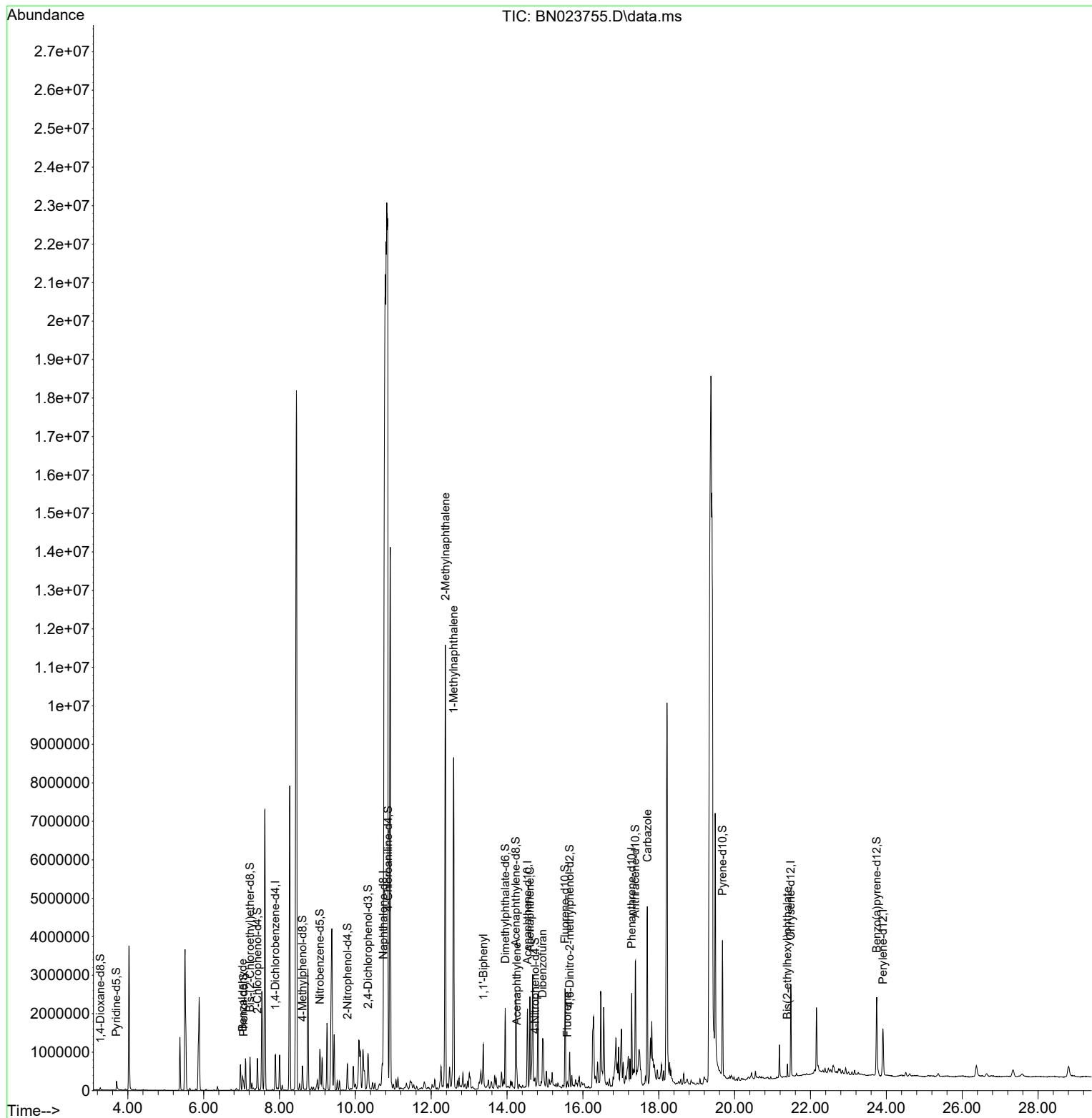
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	239276	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	785593	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.540	164	570081	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.287	188	1094108	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	997381	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	895191	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	26028	4.681	ng/uL	0.00
4) Pyridine-d5	3.699	84	129306	7.751	ng/ul	0.00
7) Phenol-d5	7.052	99	119848	5.651	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	373718	28.727	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	351063	21.615	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	210607	12.443	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	225474	38.061	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	225089	35.893	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	385230	32.206	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	307957	16.368	ng/ul	0.02
46) Dimethylphthalate-d6	13.951	166	1250804	29.495	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1482396	31.549	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	44184	5.118	ng/ul	0.00
60) Fluorene-d10	15.528	176	948854	26.185	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	166110	25.167	ng/ul	0.00
73) Anthracene-d10	17.381	188	1575464	32.179	ng/ul	0.00
81) Pyrene-d10	19.681	212	1778547	31.180	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	1354126	30.588	ng/ul	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.028	77	24606	2.996	ng/ul#	1
36) 2-Methylnaphthalene	12.375	142	5619193	199.599	ng/ul	96
37) 1-Methylnaphthalene	12.593	142	3934328	136.789	ng/ul	100
43) 1,1'-Biphenyl	13.375	154	540766	12.295	ng/ul	98
50) Acenaphthylene	14.257	152	185198	3.545	ng/ul#	96
52) Acenaphthene	14.604	153	844905	22.938	ng/ul	99
56) Dibenzofuran	14.934	168	604292	11.786	ng/ul	98
61) Fluorene	15.587	166	57602	1.387	ng/ul	99
77) Carbazole	17.698	167	2750482	51.918	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	104067	2.569	ng/ul	100

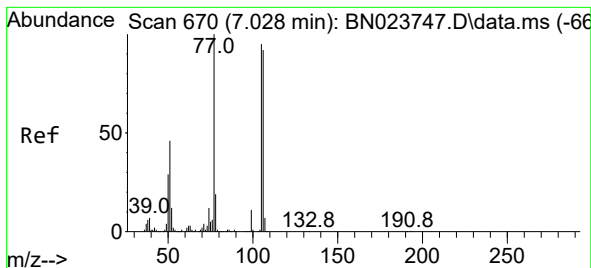
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Benzaldehyde

Concen: 2.996 ng/ul

RT: 7.028 min Scan# 61

Delta R.T. 0.000 min

Lab File: BN023755.D

Acq: 23 Jan 2023 16:53

Instrument :

BNA_N

ClientSampleId :

BH206

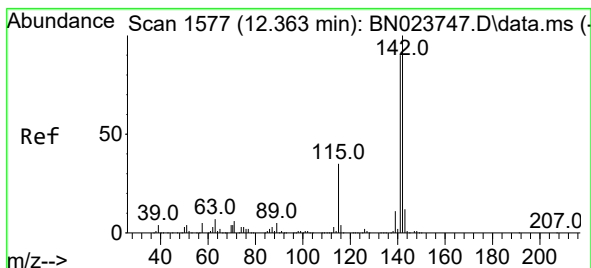
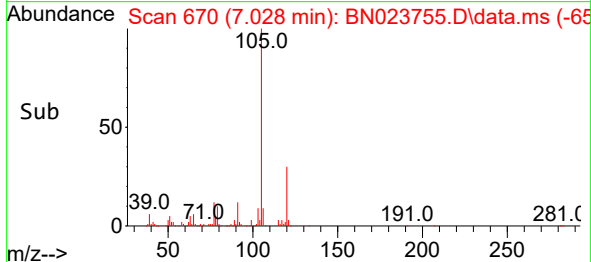
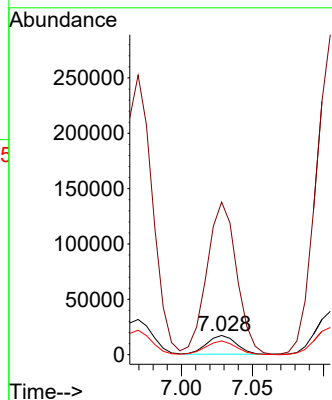
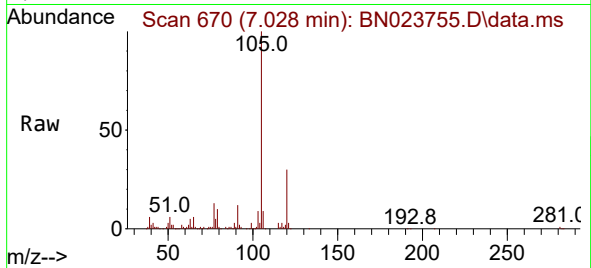
Tgt Ion: 77 Resp: 24606

Ion Ratio Lower Upper

77 100

105 792.6 75.1 112.7#

106 71.6 72.8 109.2#



#36

2-Methylnaphthalene

Concen: 199.599 ng/ul

RT: 12.375 min Scan# 1579

Delta R.T. 0.012 min

Lab File: BN023755.D

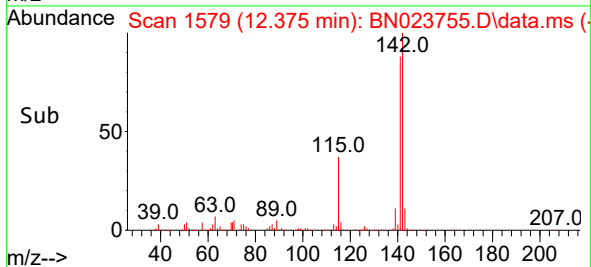
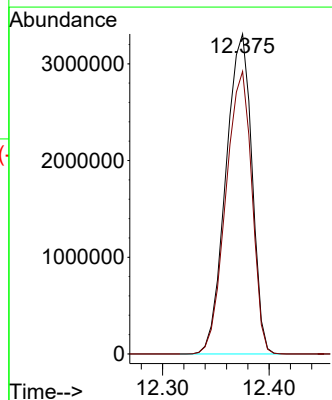
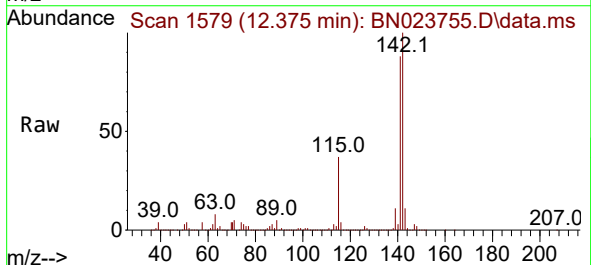
Acq: 23 Jan 2023 16:53

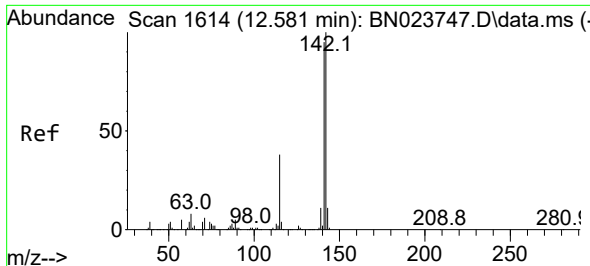
Tgt Ion:142 Resp: 5619193

Ion Ratio Lower Upper

142 100

141 88.3 73.6 110.4





#37

1-Methylnaphthalene

Concen: 136.789 ng/ul

RT: 12.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN023755.D

Acq: 23 Jan 2023 16:53

Instrument :

BNA_N

ClientSampleId :

BH206

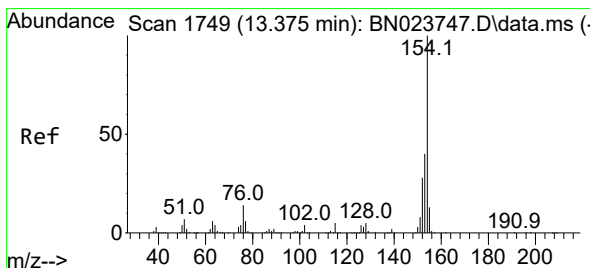
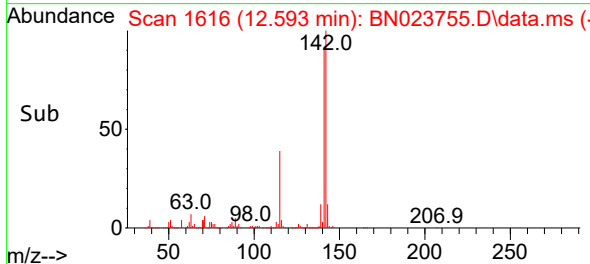
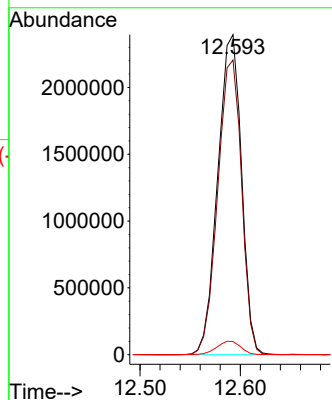
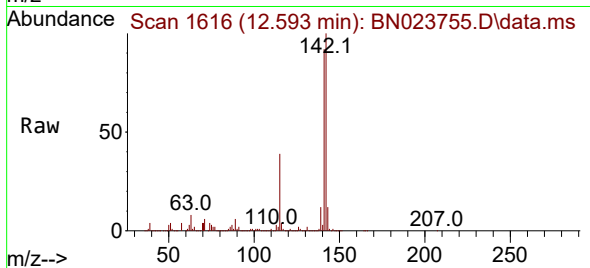
Tgt Ion:142 Resp: 3934328

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.6

116 4.1 3.0 4.4



#43

1,1'-Biphenyl

Concen: 12.295 ng/ul

RT: 13.375 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BN023755.D

Acq: 23 Jan 2023 16:53

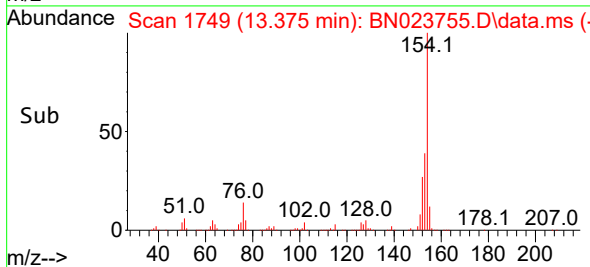
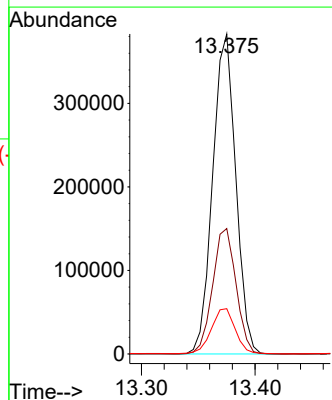
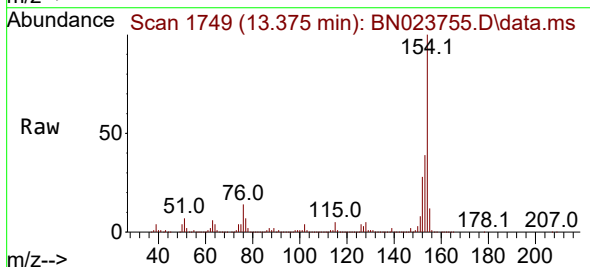
Tgt Ion:154 Resp: 540766

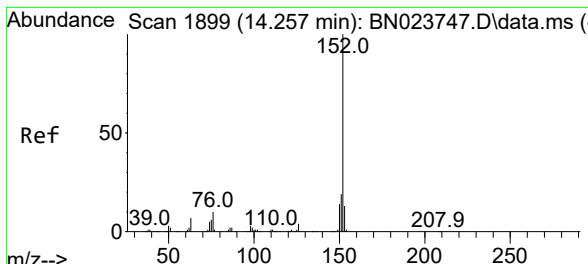
Ion Ratio Lower Upper

154 100

153 39.2 32.5 48.7

76 14.2 11.0 16.6

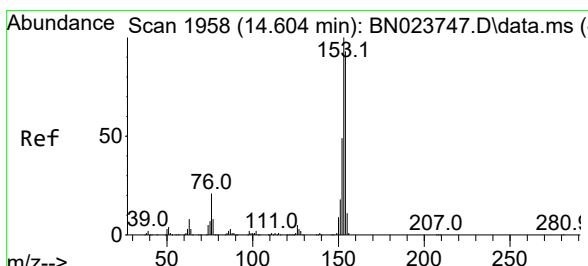
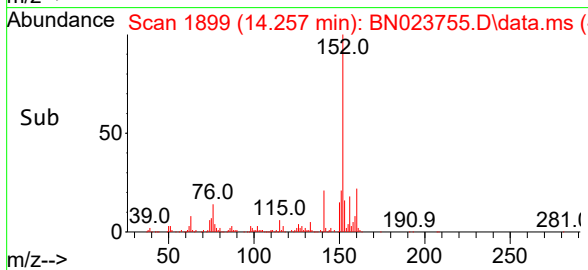
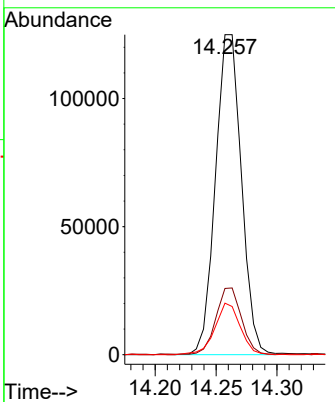
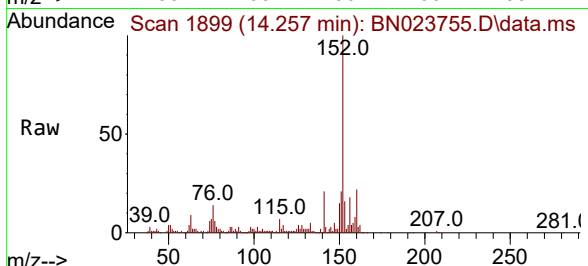




#50
 Acenaphthylene
 Concen: 3.545 ng/ul
 RT: 14.257 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BN023755.D
 Acq: 23 Jan 2023 16:53

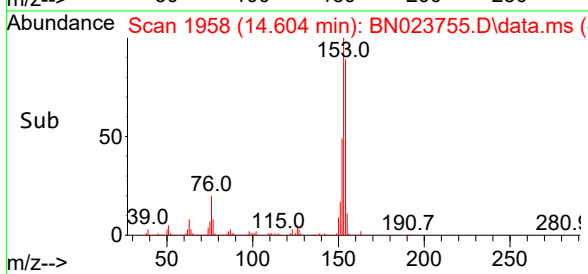
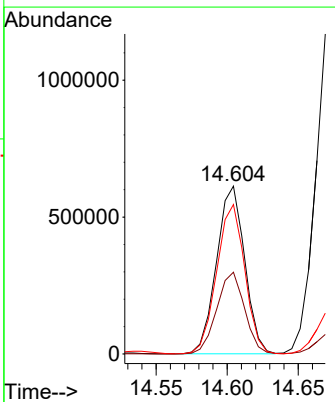
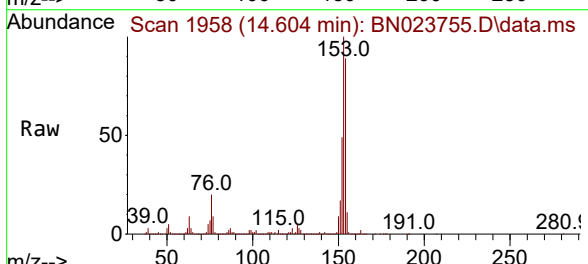
Instrument : BNA_N
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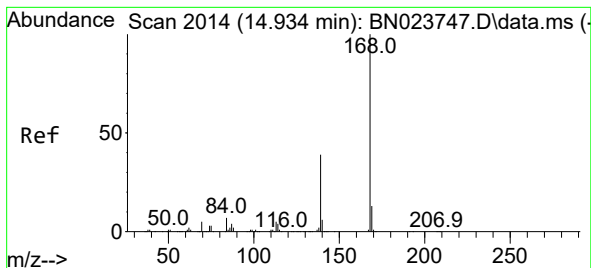
Tgt Ion:	152	Resp:	185198
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.8	23.8
153	16.1	10.2	15.4#



#52
 Acenaphthene
 Concen: 22.938 ng/ul
 RT: 14.604 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: BN023755.D
 Acq: 23 Jan 2023 16:53

Tgt Ion:	153	Resp:	844905
Ion Ratio	Lower	Upper	
153	100		
152	48.8	38.5	57.7
154	89.1	71.5	107.3





#56

Dibenzenofuran

Concen: 11.786 ng/ul

RT: 14.934 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BN023755.D

Acq: 23 Jan 2023 16:53

Instrument :

BNA_N

ClientSampleId :

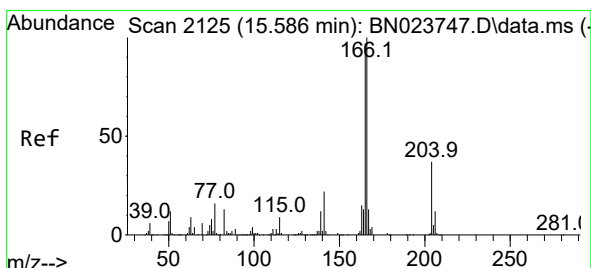
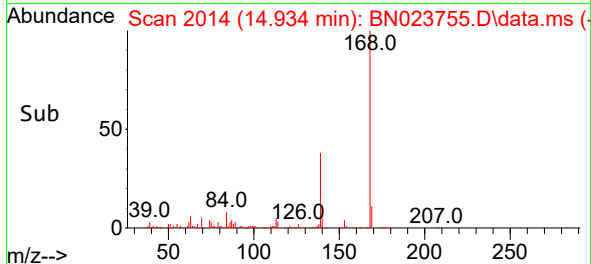
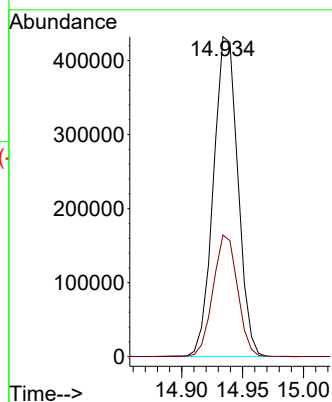
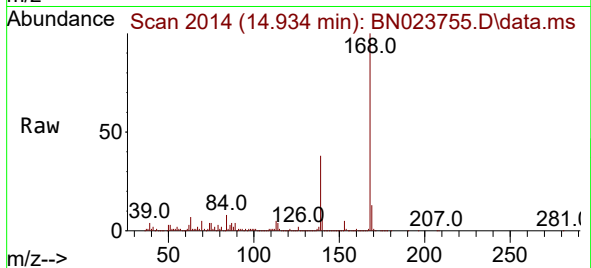
BH206

Tgt Ion:168 Resp: 604292

Ion Ratio Lower Upper

168 100

139 38.0 29.6 44.4



#61

Fluorene

Concen: 1.387 ng/ul

RT: 15.587 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BN023755.D

Acq: 23 Jan 2023 16:53

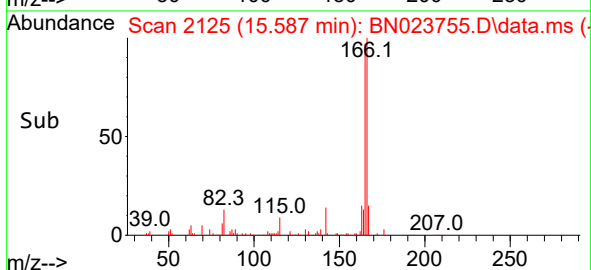
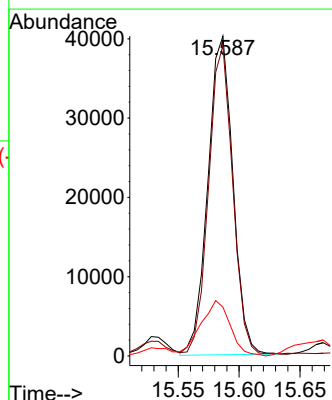
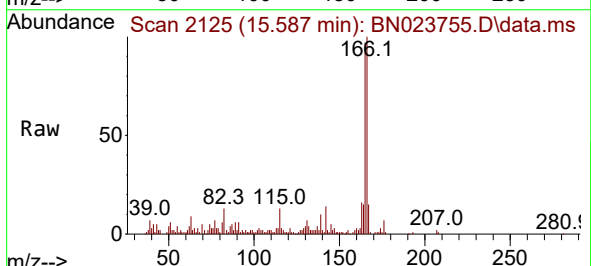
Tgt Ion:166 Resp: 57602

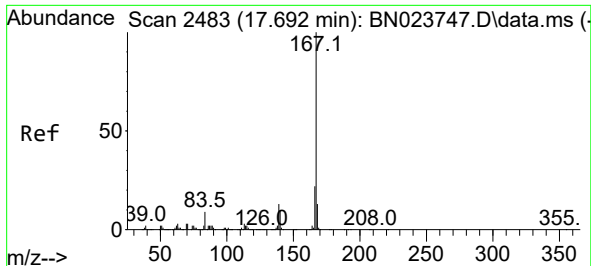
Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.6

167 15.3 10.4 15.6

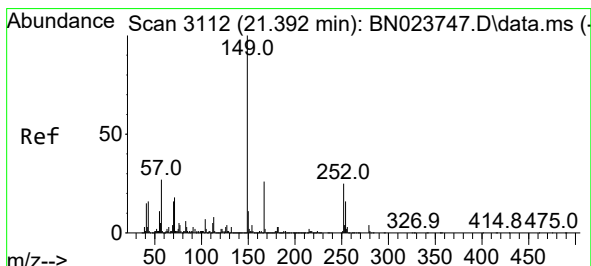
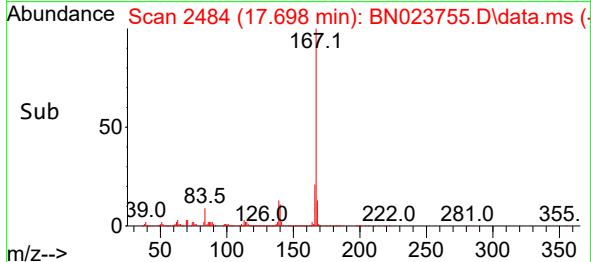
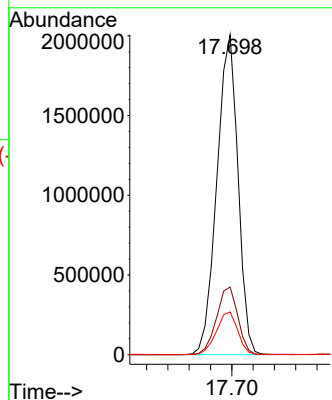
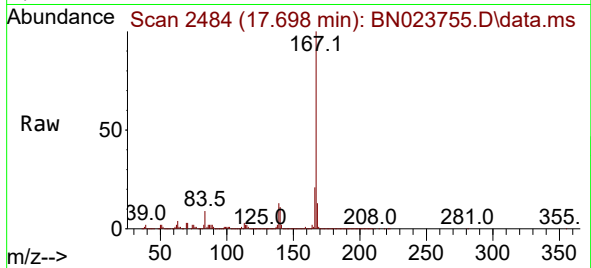




#77
 Carbazole
 Concen: 51.918 ng/ul
 RT: 17.698 min Scan# 2484
 Delta R.T. 0.006 min
 Lab File: BN023755.D
 Acq: 23 Jan 2023 16:53

Instrument :
 BNA_N
 ClientSampleId :
 BH206

Tgt Ion:167 Resp: 2750482
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.2
 139 13.4 11.0 16.6



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.569 ng/ul
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BN023755.D
 Acq: 23 Jan 2023 16:53

Tgt Ion:149 Resp: 104067
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.0 33.0
 279 4.4 3.4 5.2

