

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
 Data File : BN012184.D
 Acq On : 14 Oct 2020 06:17
 Operator : CG/JU
 Sample : L4360-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7W8

Quant Time: Oct 14 07:38:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 05:54:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	320213	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1300809	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	783705	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1693198	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1700956	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1672285	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	37954	5.24	ng/uL	0.00
5) Phenol-d5	6.81	99	155958	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	345464	20.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	420825	19.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	300261	13.43	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	231143	21.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	267020	22.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	528132	24.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	646163	23.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1824687	28.44	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	2119740	27.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	56135	4.69	ng/ul	0.02
58) Fluorene-d10	15.27	176	1502461	27.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	111972	9.98	ng/ul	0.00
71) Anthracene-d10	17.12	188	2367639	28.57	ng/ul	0.00
79) Pyrene-d10	19.42	212	2634338	29.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2873874	30.45	ng/ul	0.00

Target Compounds

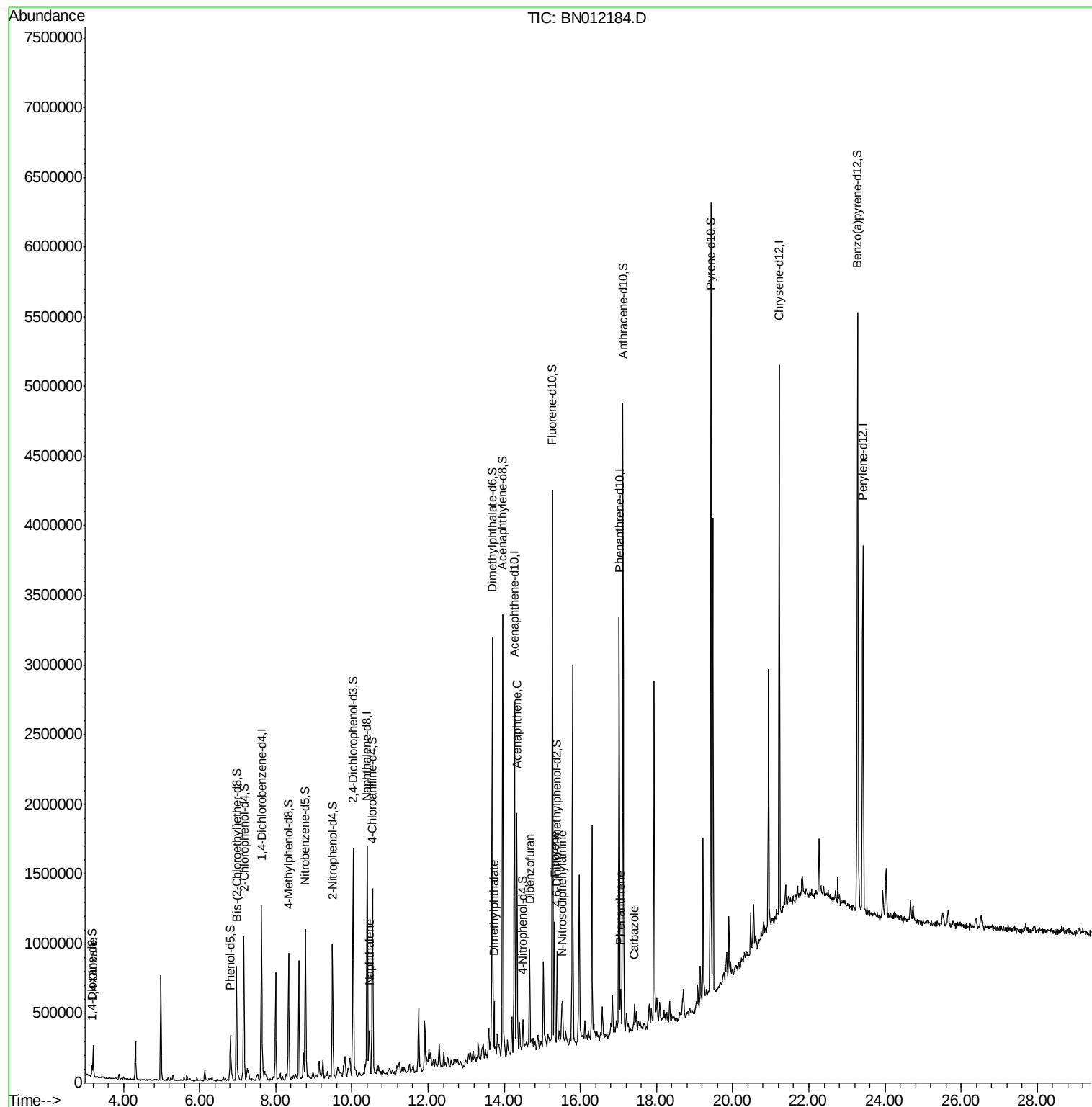
					Ovalue	
2) 1,4-Dioxane	3.20	88	104796	12.783	ng/uL	99
28) Naphthalene	10.45	128	190008	2.493	ng/ul	98
45) Dimethylphthalate	13.73	163	256964	3.838	ng/ul	99
50) Acenaphthene	14.33	153	627756	11.251	ng/ul	99
54) Dibenzofuran	14.67	168	391800	5.043	ng/ul	100
59) Fluorene	15.32	166	349063	5.342	ng/ul	96
65) N-Nitrosodiphenylamine	15.53	169	62822	1.176	ng/ul#	91
70) Phenanthrene	17.06	178	164320	1.590	ng/ul	97
75) Carbazole	17.43	167	126611	1.414	ng/ul	97

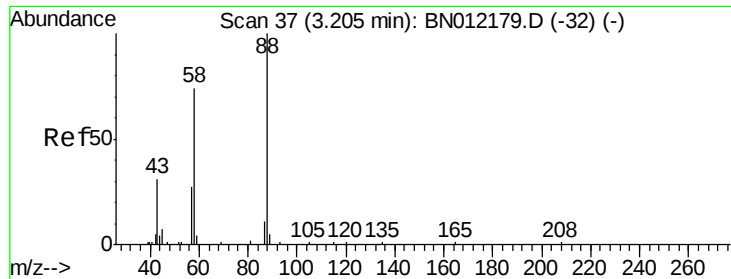
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 12.783 ng/uL

RT: 3.20 min Scan# 36

Delta R.T. -0.01 min

Lab File: BN012184.D

Acq: 14 Oct 2020 06:17

Instrument :

BNA_N

ClientSampled :

CB7W8

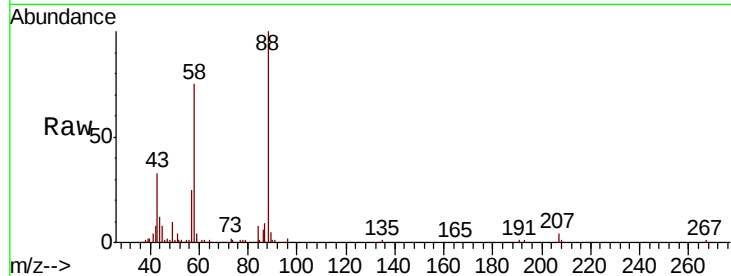
Tot Ion: 88 Resp: 104796

Ion Ratio Lower Upper

88 100

43 32.9 26.5 39.7

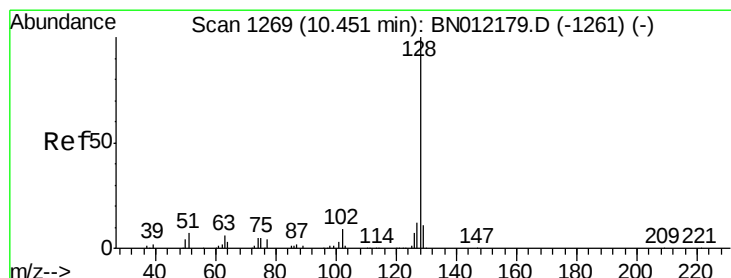
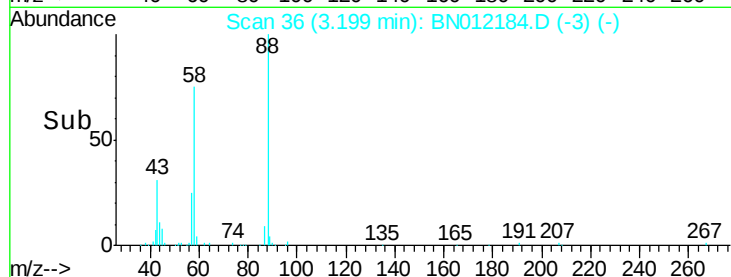
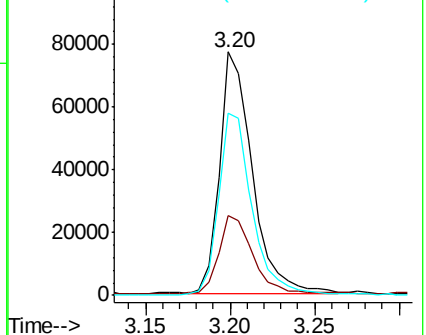
58 74.7 61.0 91.4



Abundance Ion 88.00 (87.70 to 88.70): BN012179.D (-32) (-)

Ion 43.00 (42.70 to 43.70): BN012179.D (-32) (-)

Ion 58.00 (57.70 to 58.70): BN012179.D (-32) (-)



#28

Naphthalene

Concen: 2.493 ng/uL

RT: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN012184.D

Acq: 14 Oct 2020 06:17

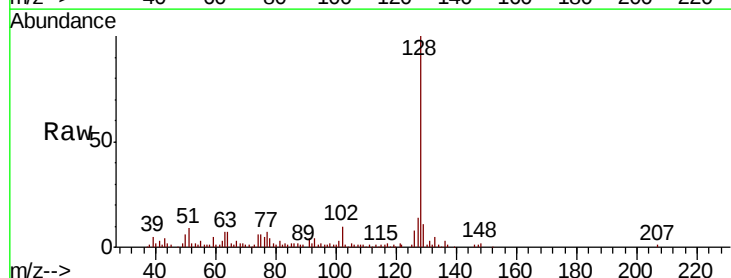
Tgt Ion: 128 Resp: 190008

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

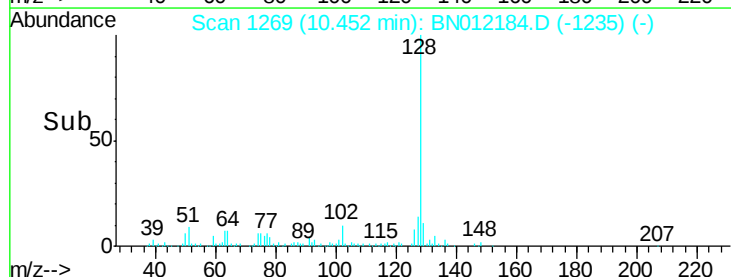
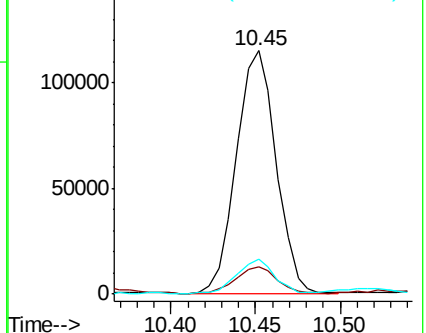
127 14.3 10.7 16.1

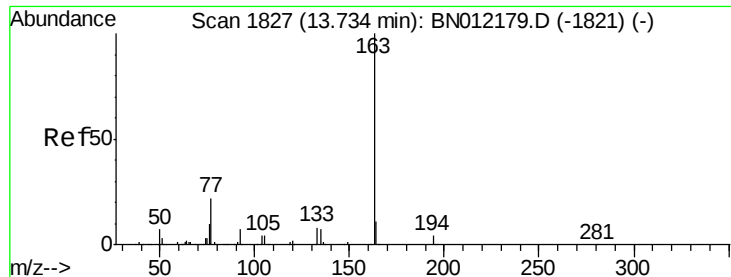


Abundance Ion 128.00 (127.70 to 128.70): BN012179.D (-1261) (-)

Ion 129.00 (128.70 to 129.70): BN012179.D (-1261) (-)

Ion 127.00 (126.70 to 127.70): BN012179.D (-1261) (-)

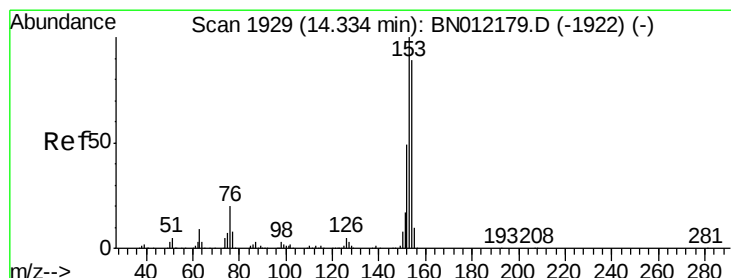
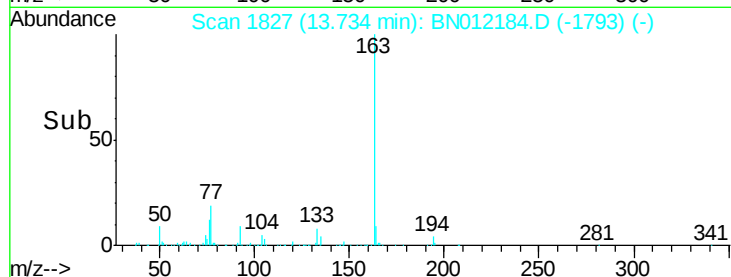
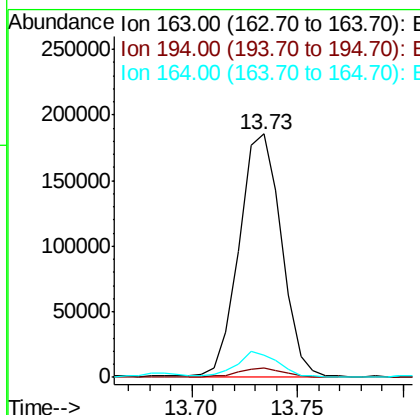
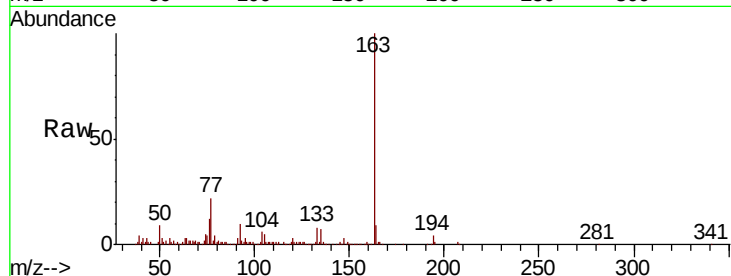




#45
Dimethylphthalate
Concen: 3.838 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BN012184.D
Acq: 14 Oct 2020 06:17

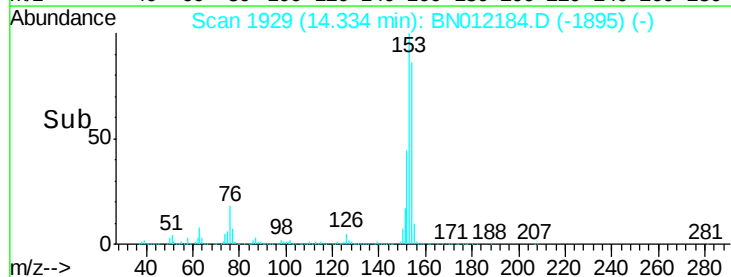
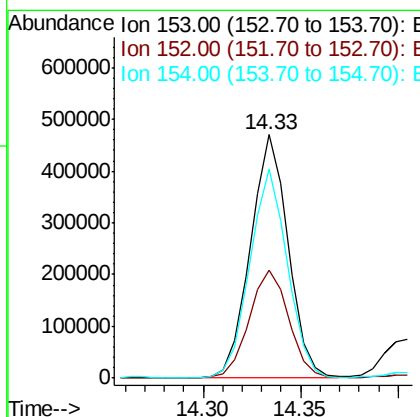
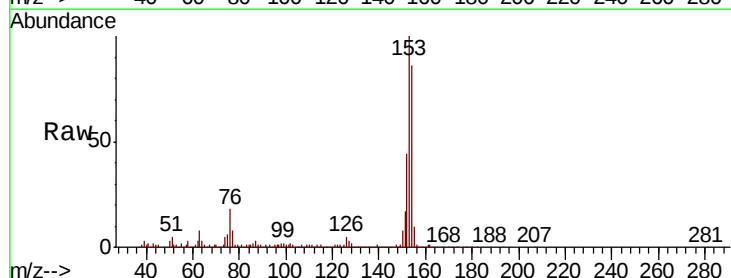
Instrument :
BNA_N
ClientSampleId :
CB7W8

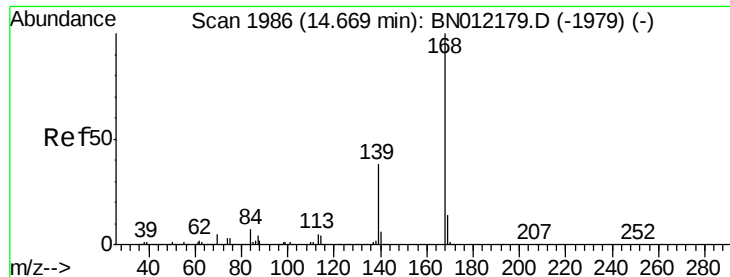
Tot Ion	163	Resp	256964
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	9.3	7.8	11.8



#50
Acenaphthene
Concen: 11.251 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BN012184.D
Acq: 14 Oct 2020 06:17

Tgt Ion	153	Resp	627756
Ion Ratio	Lower	Upper	
153	100		
152	44.4	35.9	53.9
154	86.0	70.2	105.2





#54

Dibenzofuran

Concen: 5.043 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BN012184.D

Acq: 14 Oct 2020 06:17

Instrument :

BNA_N

ClientSampleId :

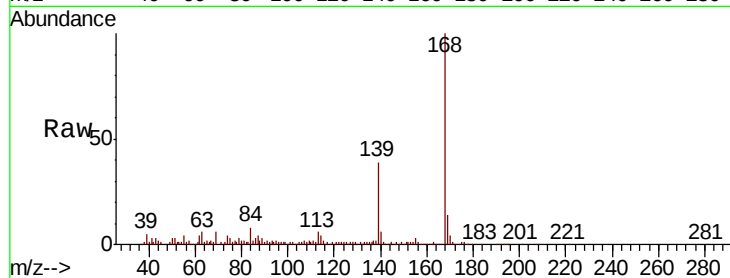
CB7W8

Tot Ion:168 Resp: 391800

Ion Ratio Lower Upper

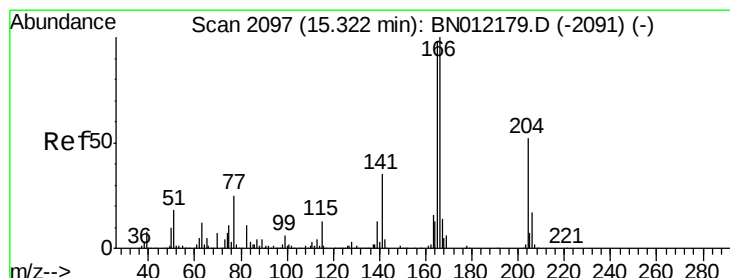
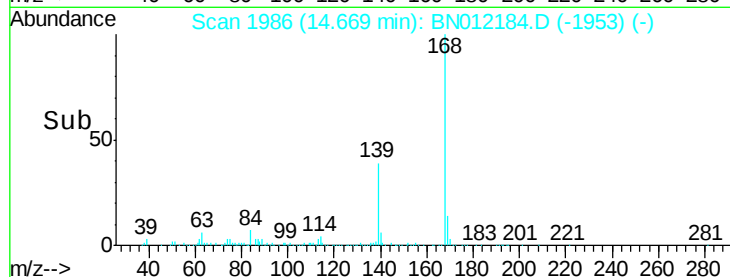
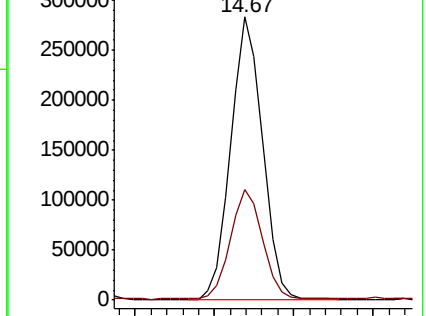
168 100

139 39.1 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: 5.342 ng/ul

RT: 15.32 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN012184.D

Acq: 14 Oct 2020 06:17

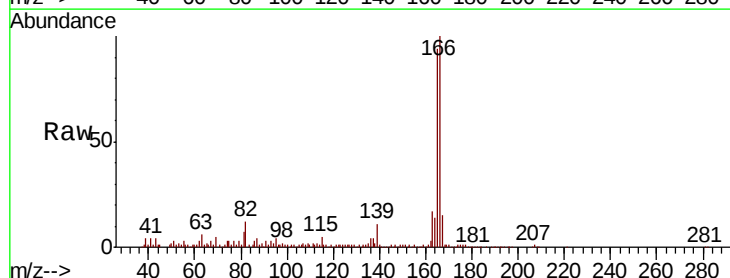
Tgt Ion:166 Resp: 349063

Ion Ratio Lower Upper

166 100

165 94.3 79.0 118.6

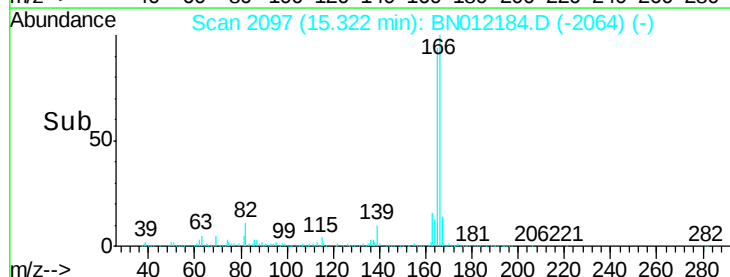
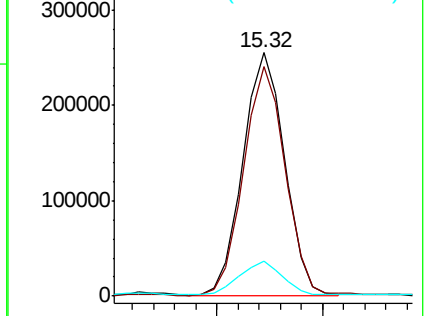
167 14.6 10.5 15.7

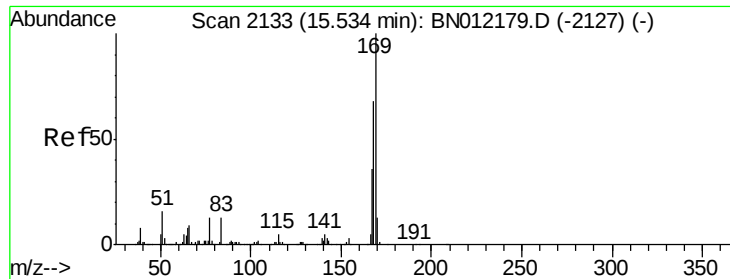


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

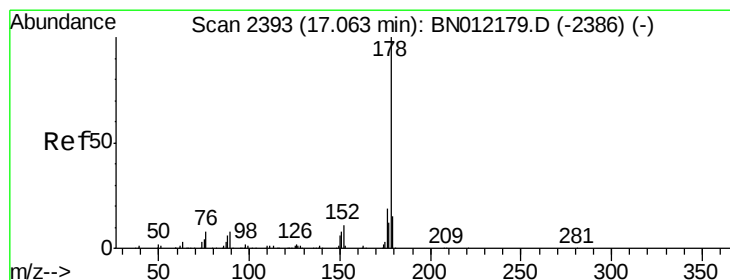
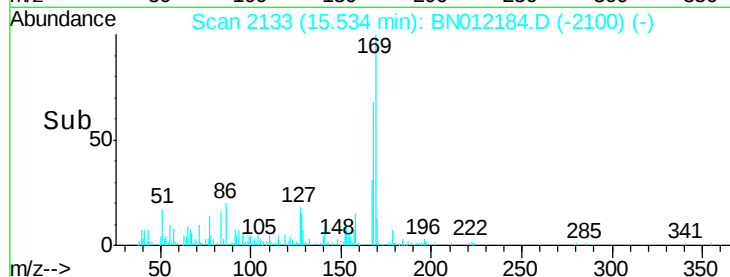
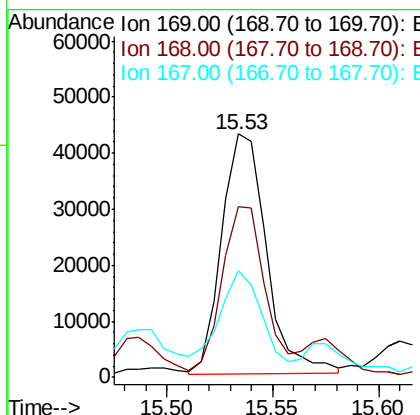
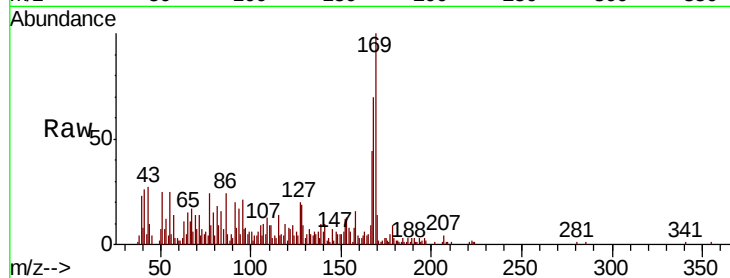




#65
N-Nitrosodiphenylamine
Concen: 1.176 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BN012184.D
Acq: 14 Oct 2020 06:17

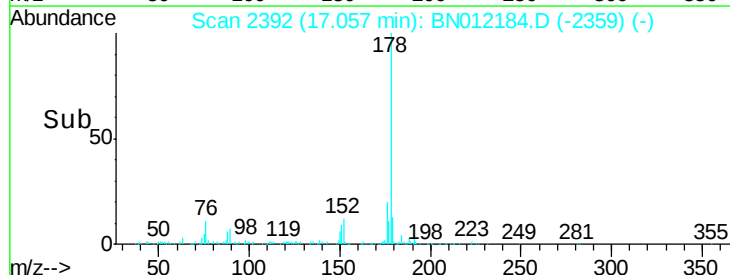
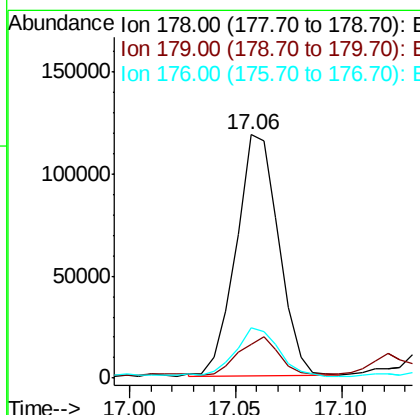
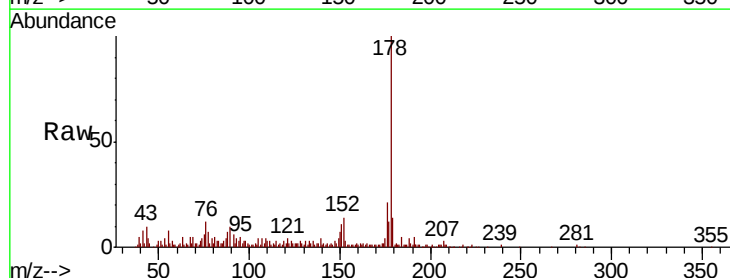
Instrument :
BNA_N
ClientSampled :
CB7W8

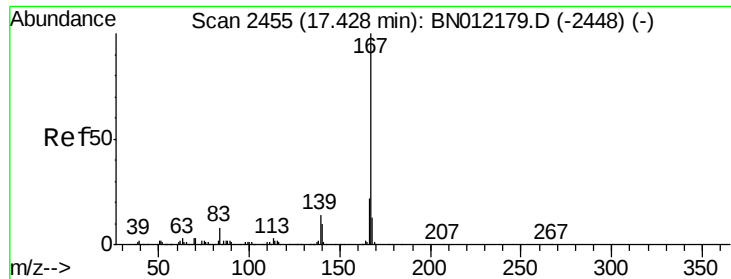
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.9	52.8	79.2
167	43.9	27.8	41.8#



#70
Phenanthrene
Concen: 1.590 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN012184.D
Acq: 14 Oct 2020 06:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.2	18.2
176	20.6	15.4	23.2





#75

Carbazole

Concen: 1.414 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BN012184.D

Acq: 14 Oct 2020 06:17

Instrument :

BNA_N

ClientSampleId :

CB7W8

Tot Ion:167 Resp: 126611

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

139 15.7 10.9 16.3

