

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 07:28:09 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

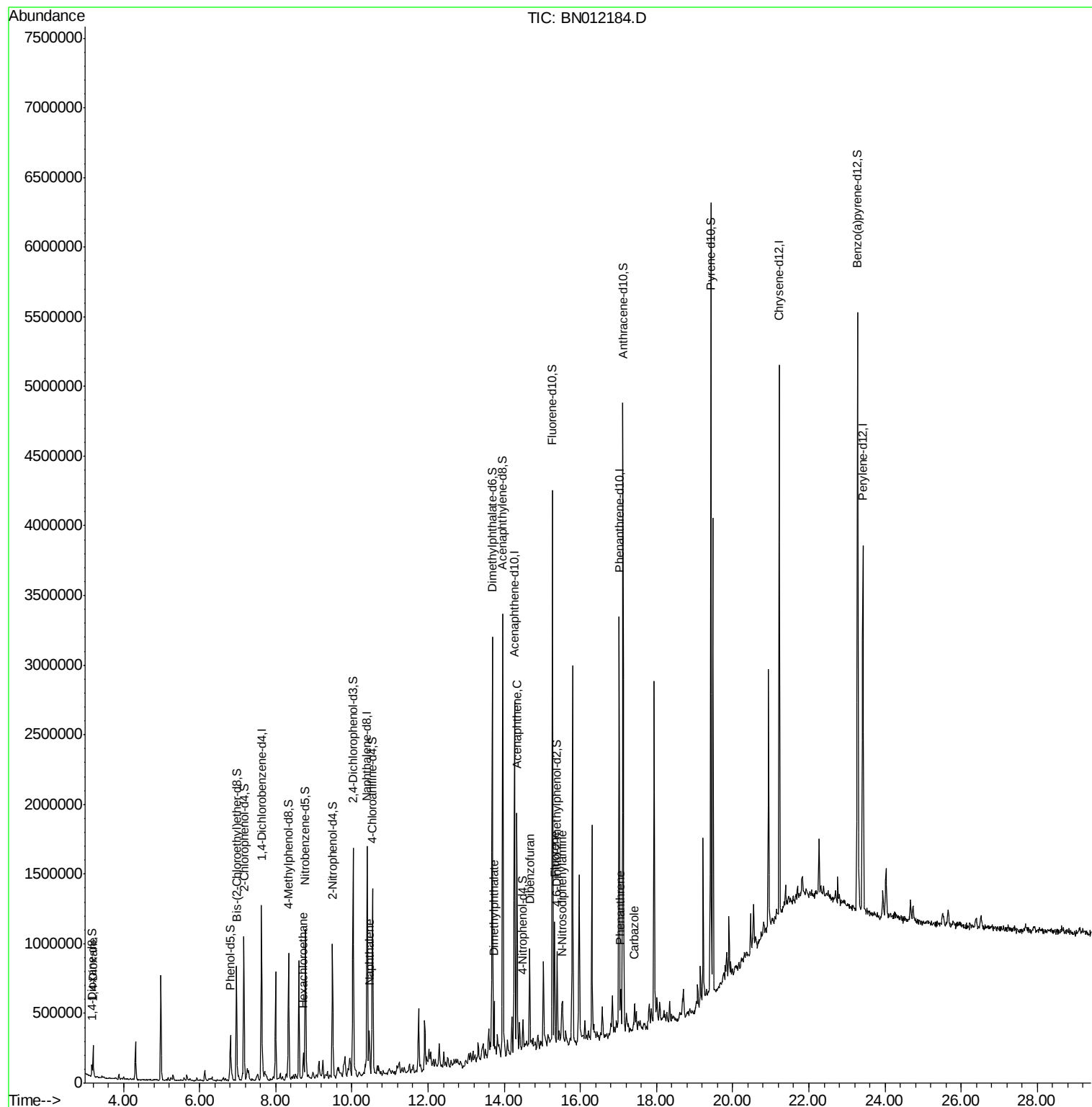
					Ovalue
2) 1,4-Dioxane	3.20	88	104796	12.783	ng/uL 99
17) Hexachloroethane	8.73	117	12202	1.222	ng/ul# 8
28) Naphthalene	10.45	128	190008	2.493	ng/ul 98
45) Dimethylphthalate	13.73	163	256964	3.838	ng/ul 99
50) Acenaphthene	14.33	153	627756	11.251	ng/ul 99
54) Dibenzofuran	14.67	168	391800	5.043	ng/ul 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

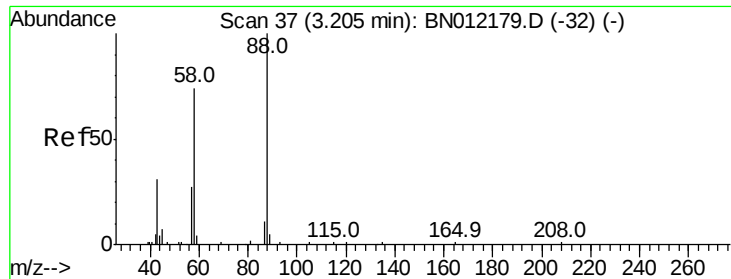
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

ClientSampleId :

CB7W8

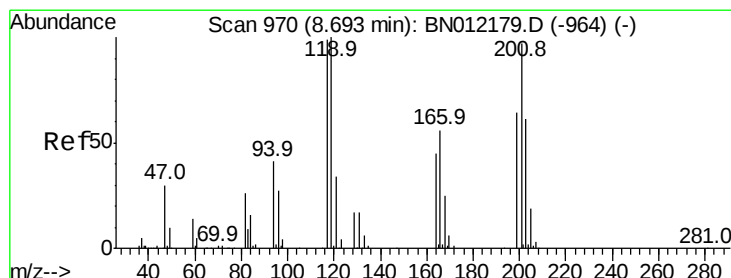
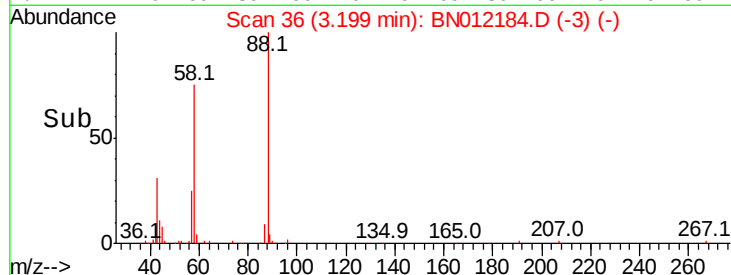
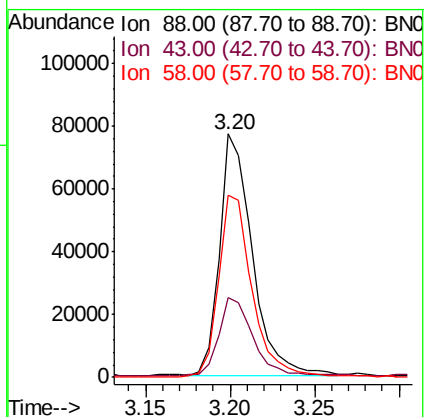
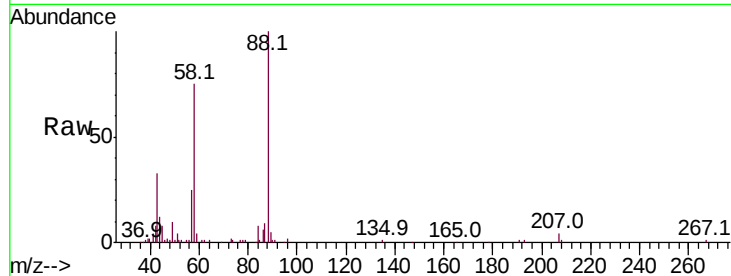
Tot Ion: 88 Resp: 104796

Ion Ratio Lower Upper

88 100

43 32.9 26.5 39.7

58 74.7 61.0 91.4



#17

Hexachloroethane

Concen: 1.222 ng/uL

RT: 8.73 min Scan# 976

Delta R.T. 0.03 min

Lab File: BN012184.D

Acq: 14 Oct 2020 06:17

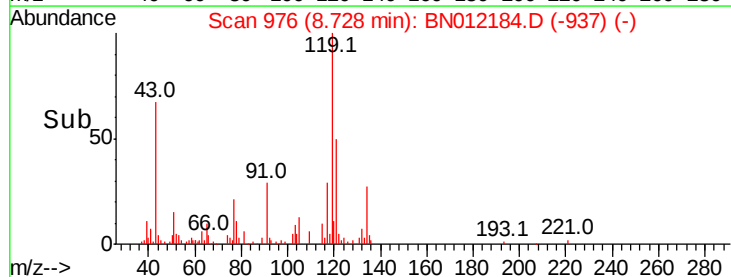
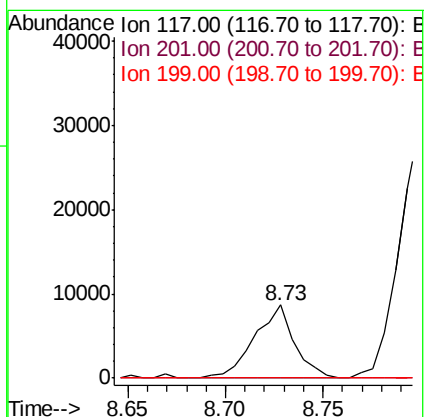
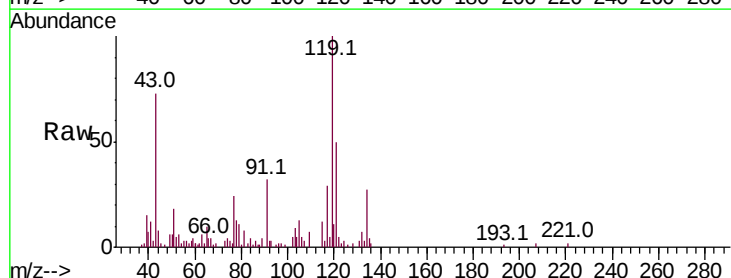
Tgt Ion: 117 Resp: 12202

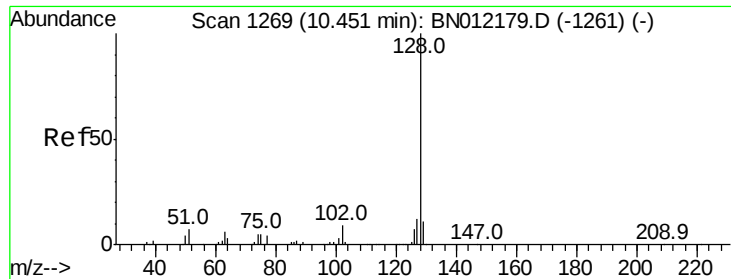
Ion Ratio Lower Upper

117 100

201 0.0 78.6 117.8#

199 0.0 51.4 77.2#





#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

Instrument :

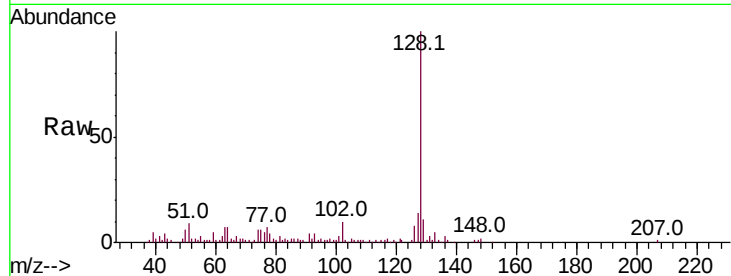
BNA_N

ClientSampleId :

CB7W8

Tot Ion:128 Resp: 190008

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	14.3	10.7	16.1

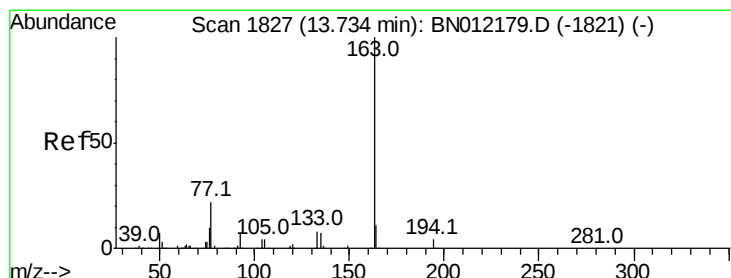
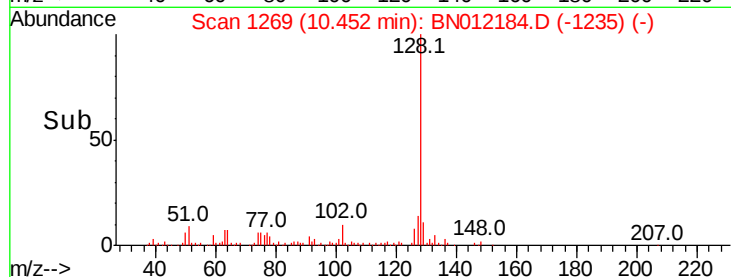
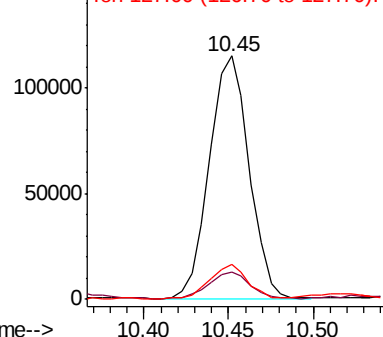


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 3.838 ng/ul

RT: 13.73 min Scan# 1827

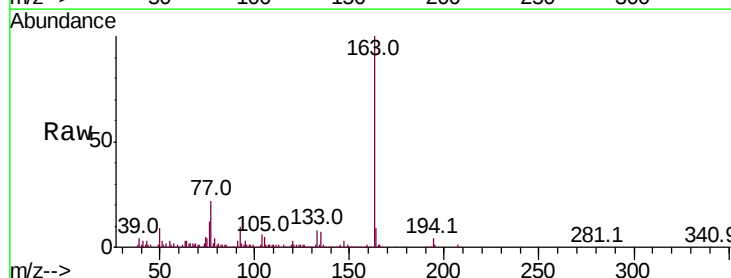
Delta R.T. 0.00 min

Lab File: BN012184.D

Acq: 14 Oct 2020 06:17

Tgt Ion:163 Resp: 256964

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

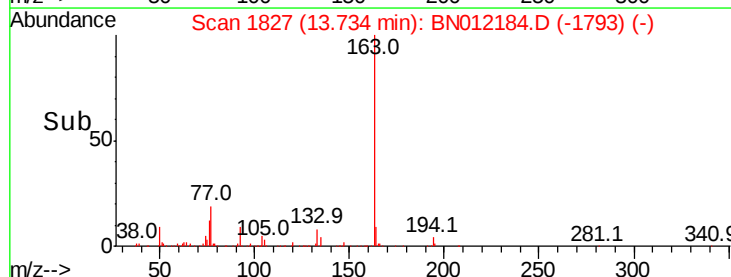
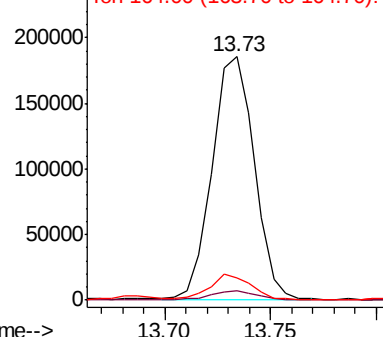


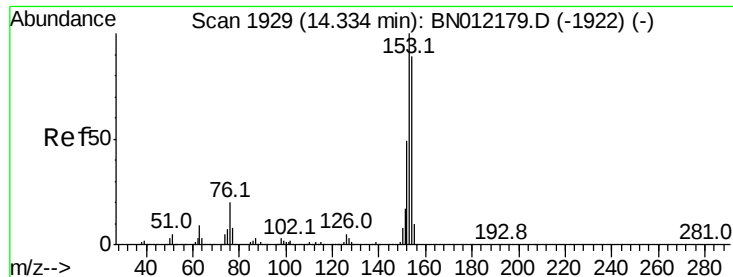
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#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

Instrument :

BNA_N

ClientSampleId :

CB7W8

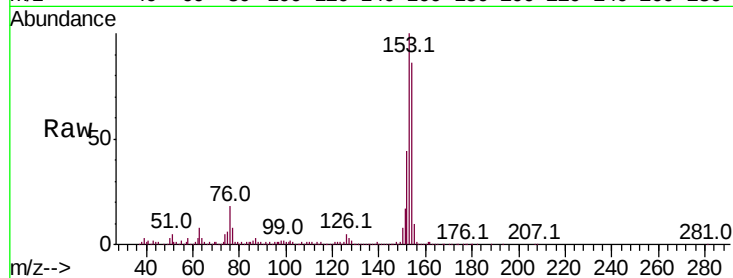
Tot Ion:153 Resp: 627756

Ion Ratio Lower Upper

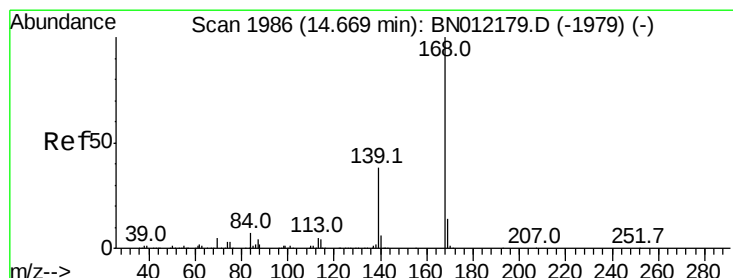
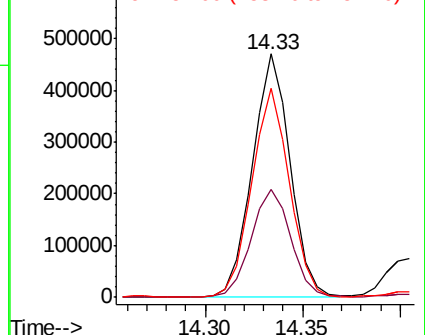
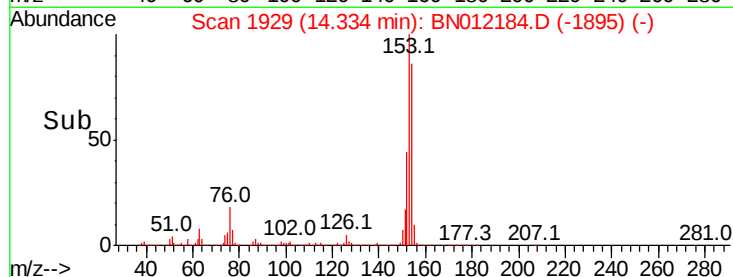
153 100

152 44.4 35.9 53.9

154 86.0 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: 5.043 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BN012184.D

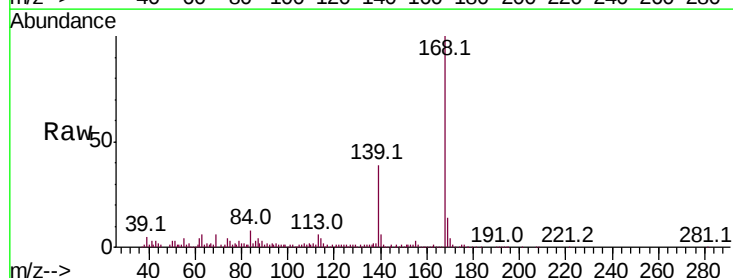
Acq: 14 Oct 2020 06:17

Tgt Ion:168 Resp: 391800

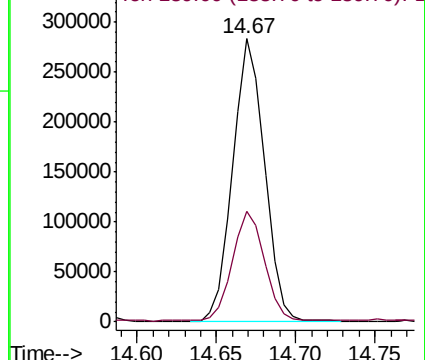
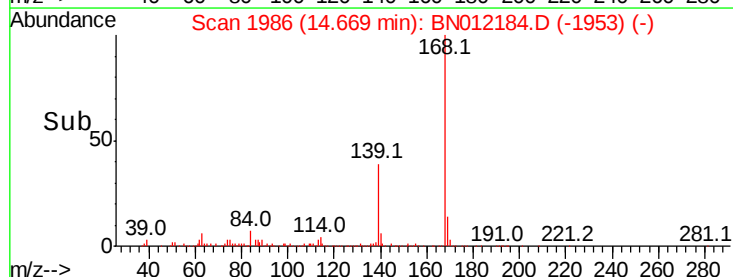
Ion Ratio Lower Upper

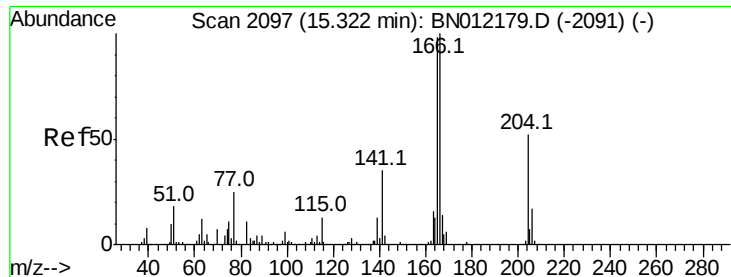
168 100

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

Instrument :

BNA_N

ClientSampleId :

CB7W8

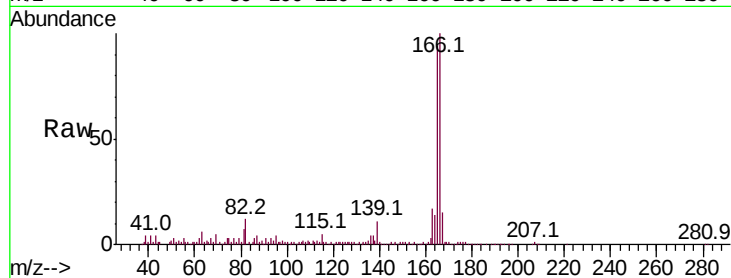
Tot Ion:166 Resp: 349063

Ion Ratio Lower Upper

166 100

165 94.3 79.0 118.6

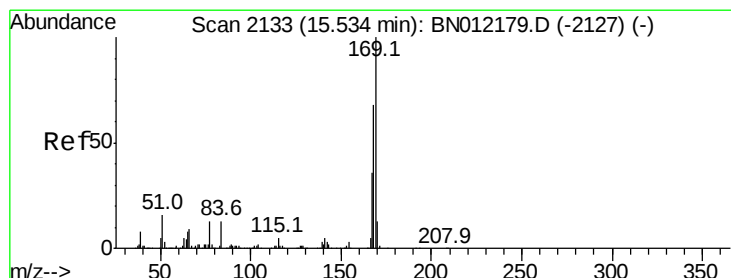
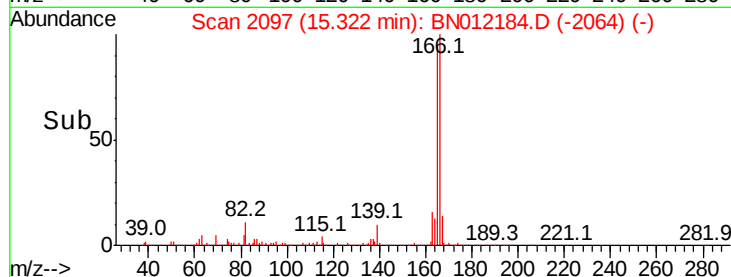
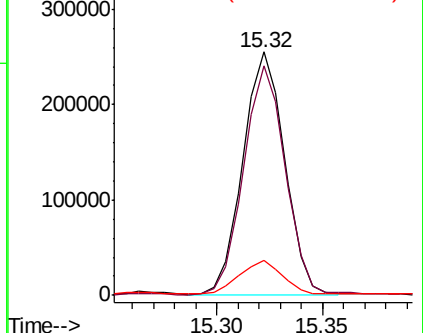
167 14.6 10.5 15.7



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

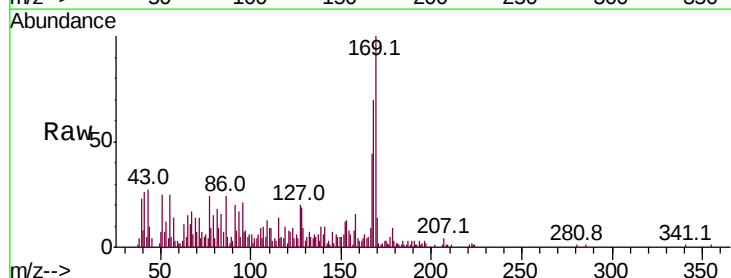
Tgt Ion:169 Resp: 62822

Ion Ratio Lower Upper

169 100

168 69.9 52.8 79.2

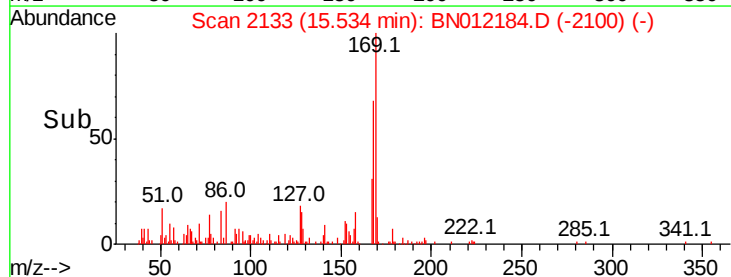
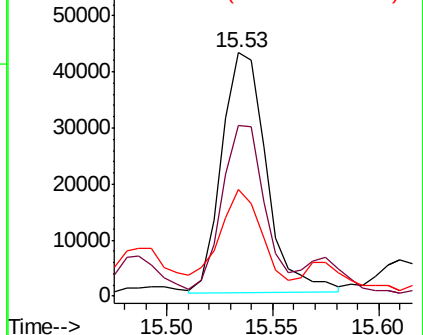
167 43.9 27.8 41.8#

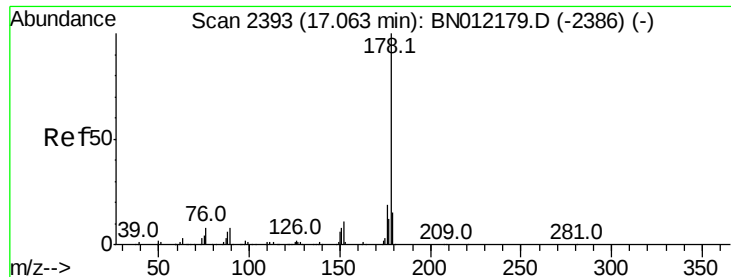


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#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

Instrument :

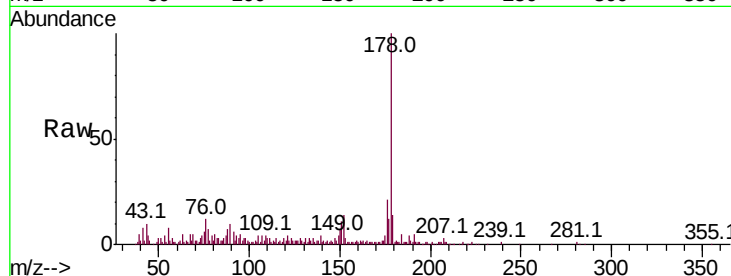
BNA_N

ClientSampleId :

CB7W8

Tot Ion:178 Resp: 164320

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

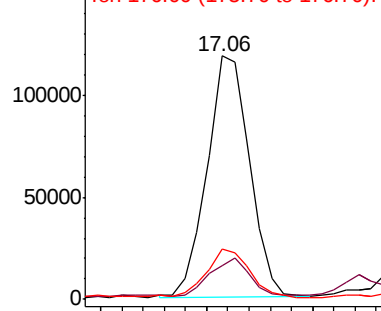


Abundance

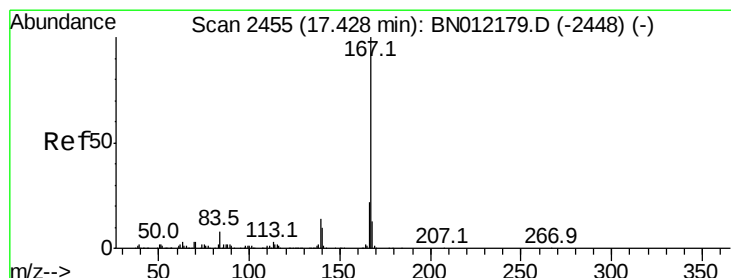
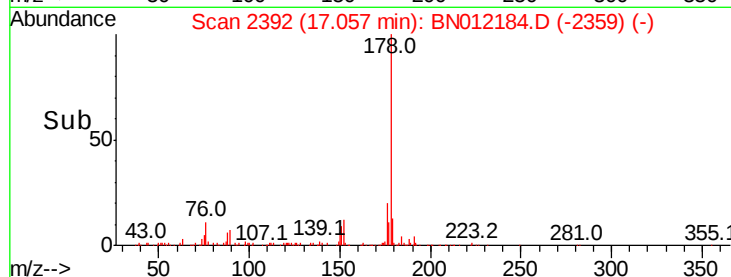
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 1.414 ng/ul

RT: 17.43 min Scan# 2455

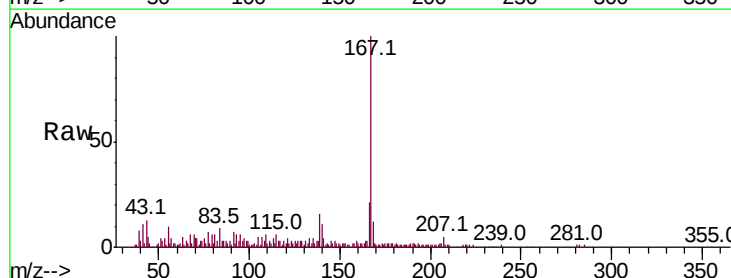
Delta R.T. 0.00 min

Lab File: BN012184.D

Acq: 14 Oct 2020 06:17

Tgt Ion:167 Resp: 126611

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	15.7	10.9	16.3

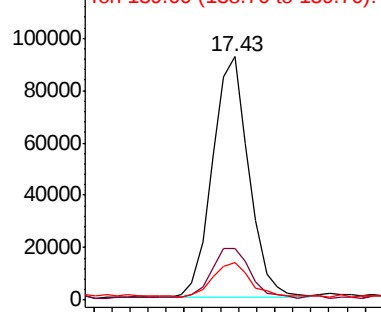


Abundance

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



Time-->

