

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012615.D
 Acq On : 19 Nov 2020 04:32
 Operator : CG/JU
 Sample : L4726-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBG7

Quant Time: Nov 19 07:14:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 14:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	129030	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	548268	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	364297	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	833893	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	834437	20.00	ng/ul	-0.01
86) Perylene-d12	23.19	264	859006	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	21107	5.83	ng/uL	0.00
5) Phenol-d5	6.63	99	80862	6.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	239348	34.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	249460	27.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	162964	16.99	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	154458	34.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	173192	34.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	296345	31.21	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.53	166	1226383	41.22	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1397226	39.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	36907	6.63	ng/ul	0.00
58) Fluorene-d10	15.10	176	1025227	39.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	205618	36.15	ng/ul	0.00
71) Anthracene-d10	16.96	188	1776019	41.92	ng/ul	0.00
79) Pyrene-d10	19.26	212	1981816	45.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2108291	44.91	ng/ul	0.00

Target Compounds

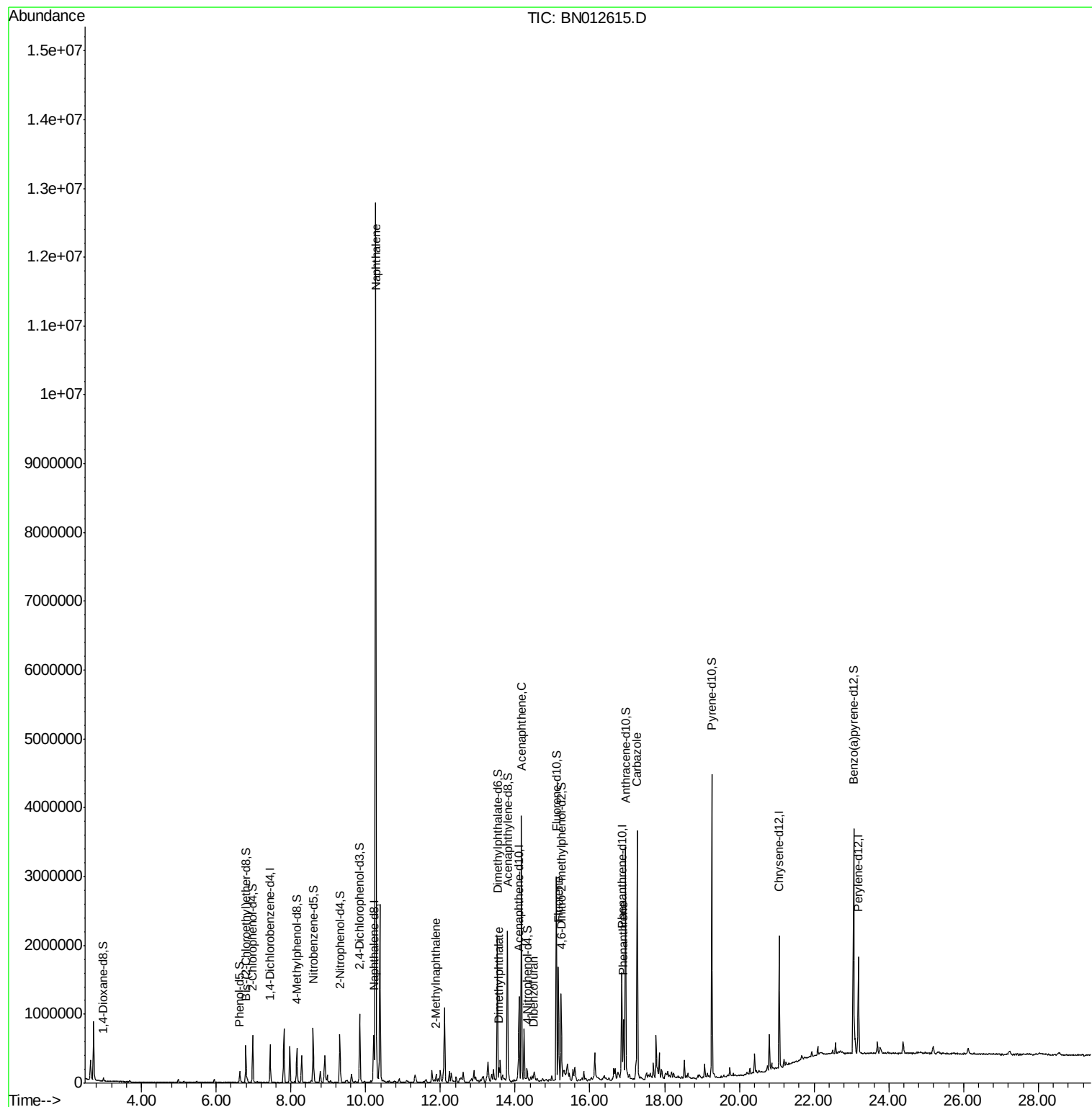
					Ovalue
28) Naphthalene	10.27	128	9326230	294.250	ng/ul 99
34) 2-Methylnaphthalene	11.89	142	35204	1.591	ng/ul 94
45) Dimethylphthalate	13.57	163	95756	3.195	ng/ul 96
50) Acenaphthene	14.17	153	1373034	52.860	ng/ul 98
54) Dibenzofuran	14.50	168	63757	1.771	ng/ul 98
59) Fluorene	15.16	166	642656	21.359	ng/ul 97
70) Phenanthrene	16.90	178	462128	9.014	ng/ul 97
75) Carbazole	17.27	167	2085066	47.005	ng/ul 98

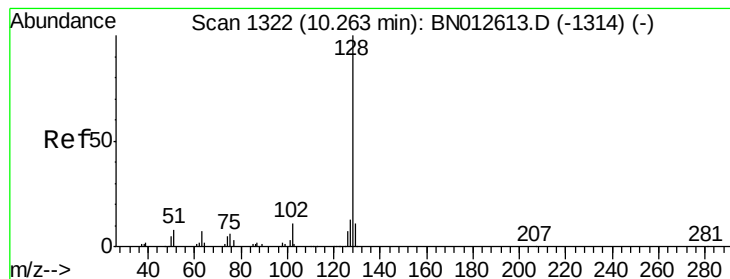
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 294.250 ng/ul

RT: 10.27 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BN012615.D

Acq: 19 Nov 2020 04:32

Instrument :

BNA_N

ClientSampleId :

DBGF7

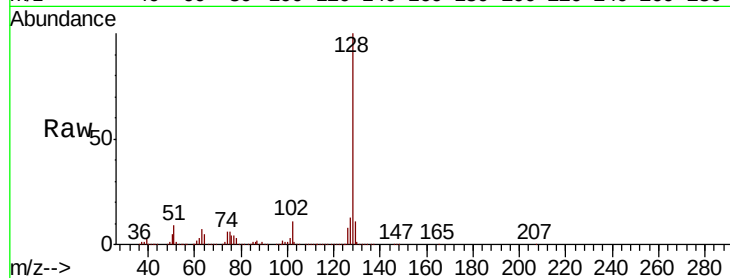
Tot Ion:128 Resp: 9326230

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.5 11.6 17.4

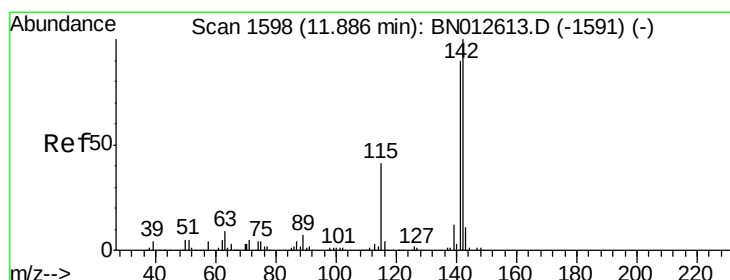
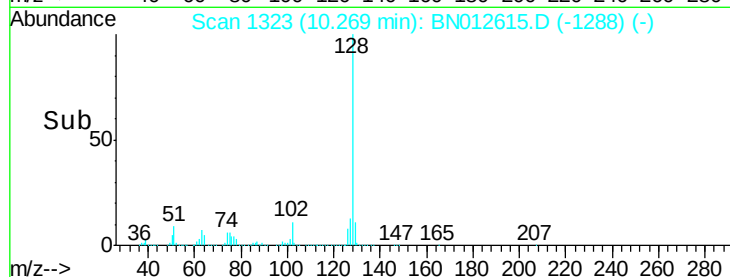
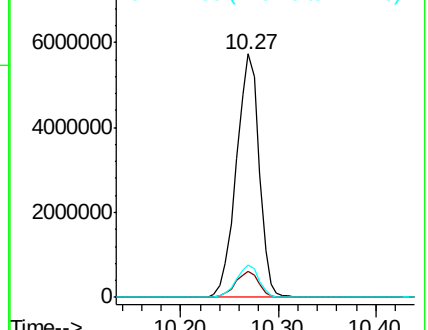


Abundance

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



#34

2-Methylnaphthalene

Concen: 1.591 ng/ul

RT: 11.89 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN012615.D

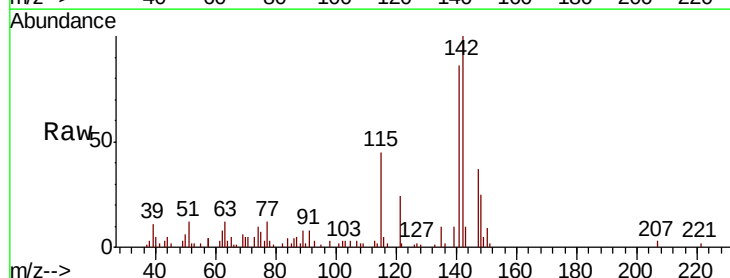
Acq: 19 Nov 2020 04:32

Tgt Ion:142 Resp: 35204

Ion Ratio Lower Upper

142 100

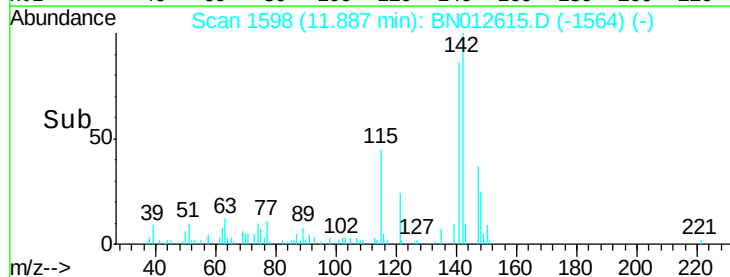
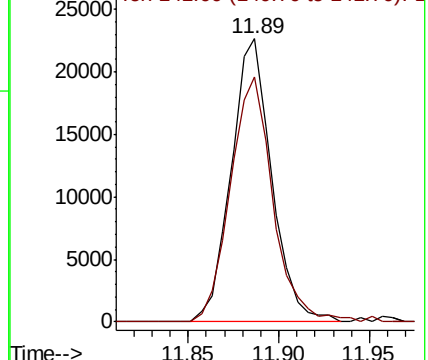
141 86.4 73.8 110.8

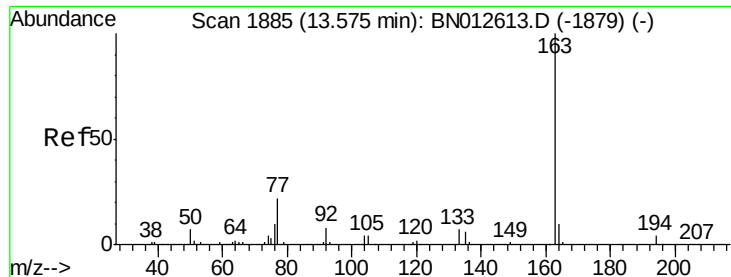


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#45

Dimethylphthalate

Concen: 3.195 ng/ul

RT: 13.57 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN012615.D

Acq: 19 Nov 2020 04:32

Instrument :

BNA_N

ClientSampleId :

DBGF7

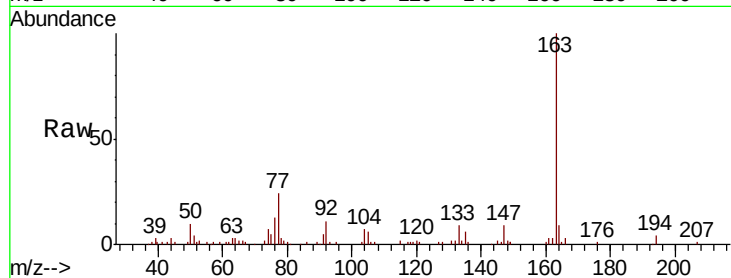
Tot Ion:163 Resp: 95756

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

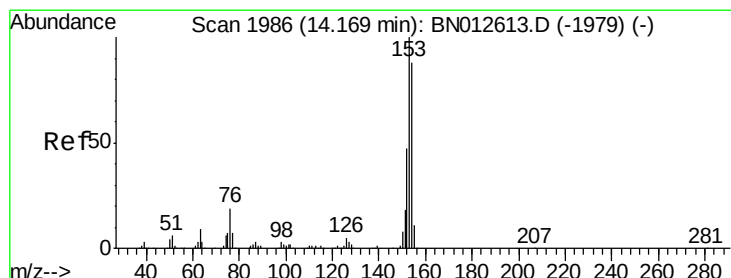
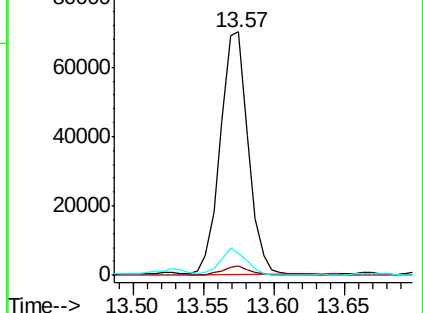
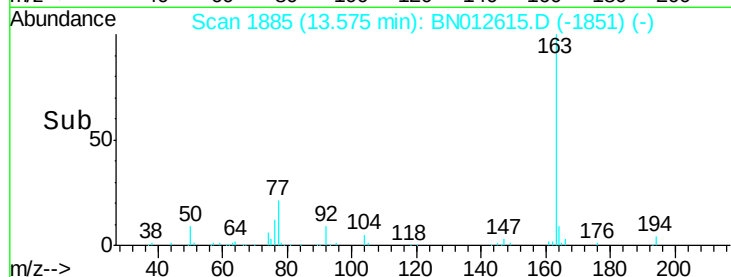
164 8.9 8.6 13.0



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: 52.860 ng/ul

RT: 14.17 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN012615.D

Acq: 19 Nov 2020 04:32

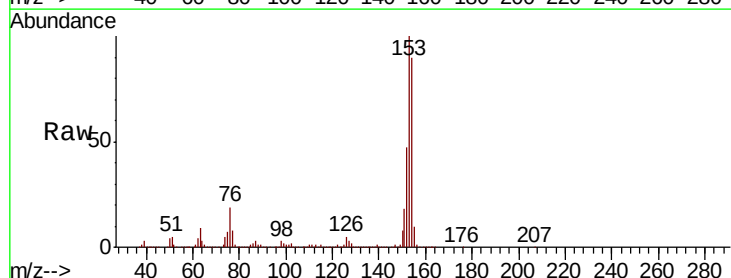
Tgt Ion:153 Resp: 1373034

Ion Ratio Lower Upper

153 100

152 46.8 37.1 55.7

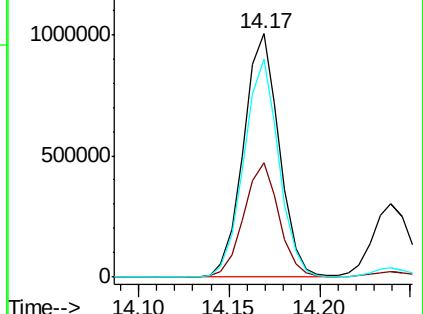
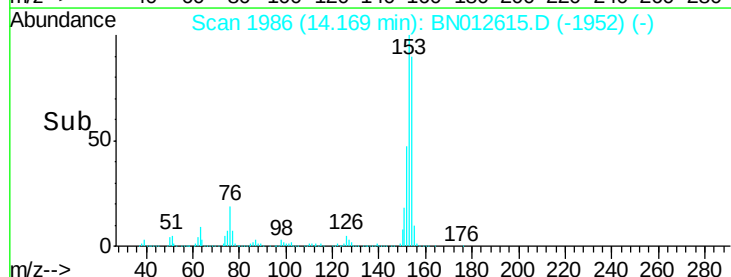
154 89.7 69.7 104.5

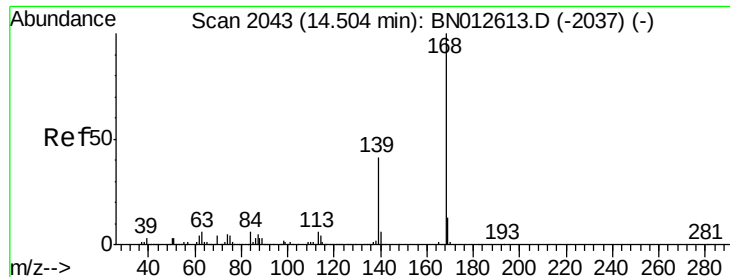


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 1.771 ng/ul

RT: 14.50 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN012615.D

Acq: 19 Nov 2020 04:32

Instrument :

BNA_N

ClientSampleId :

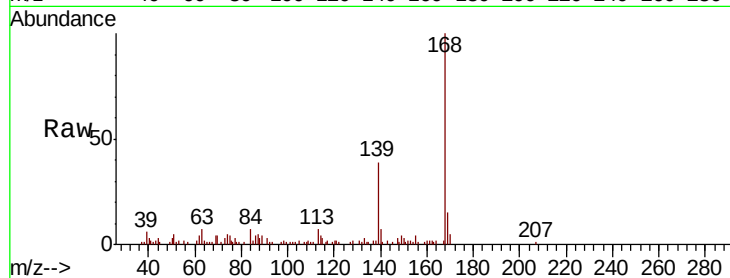
DBGF7

Tot Ion:168 Resp: 63757

Ion Ratio Lower Upper

168 100

139 39.4 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.50

50000

40000

30000

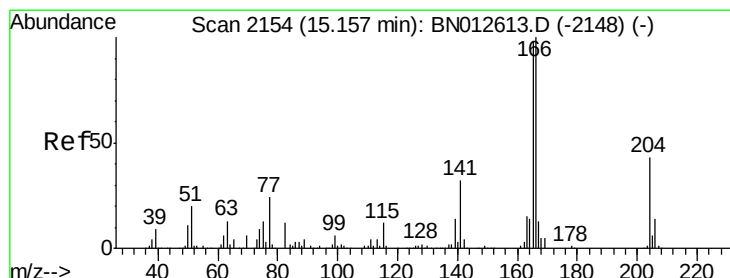
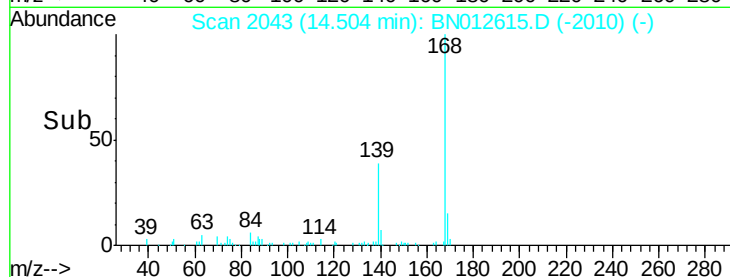
20000

10000

0

14.45 14.50 14.55 14.60

Time-->



#59

Fluorene

Concen: 21.359 ng/ul

RT: 15.16 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN012615.D

Acq: 19 Nov 2020 04:32

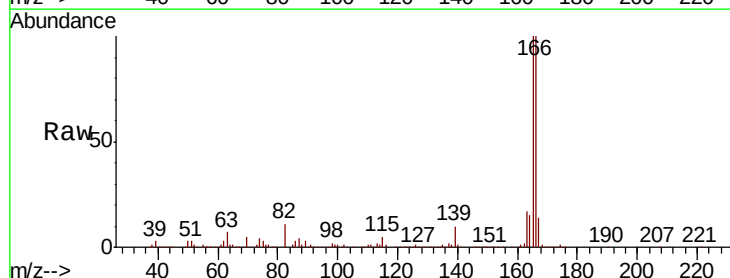
Tgt Ion:166 Resp: 642656

Ion Ratio Lower Upper

166 100

165 100.4 83.3 124.9

167 13.9 11.0 16.6



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

15.16

600000

500000

400000

300000

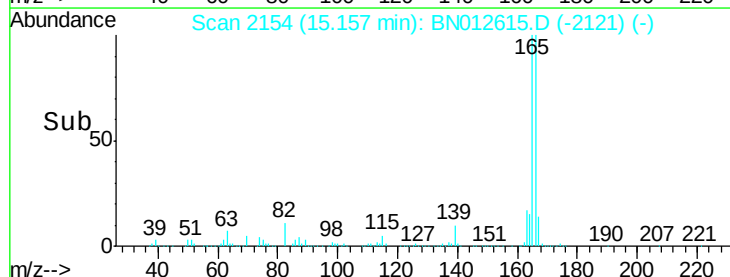
200000

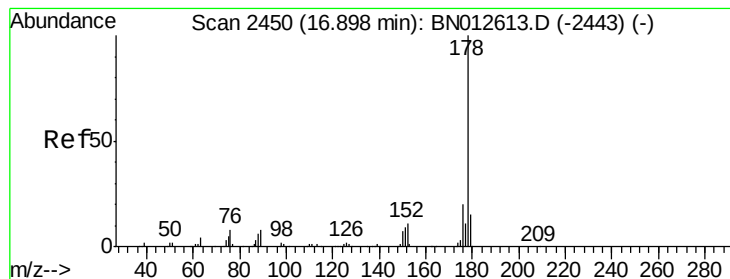
100000

0

15.10 15.20

Time-->





#70

Phenanthrene

Concen: 9.014 ng/ul

RT: 16.90 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BN012615.D

Acq: 19 Nov 2020 04:32

Instrument :

BNA_N

ClientSampleId :

DBGF7

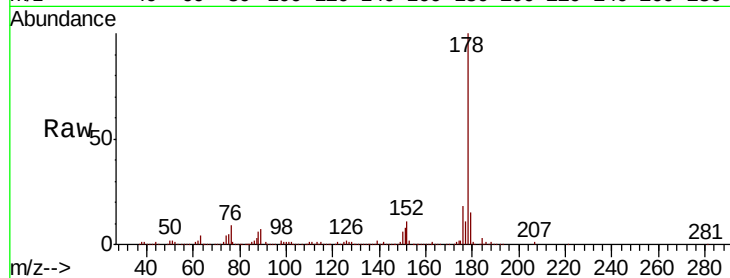
Tot Ion:178 Resp: 462128

Ion	Ratio	Lower	Upper
178	100		
179	14.5	13.1	19.7
176	18.0	15.4	23.0

178 100

179 14.5 13.1 19.7

176 18.0 15.4 23.0

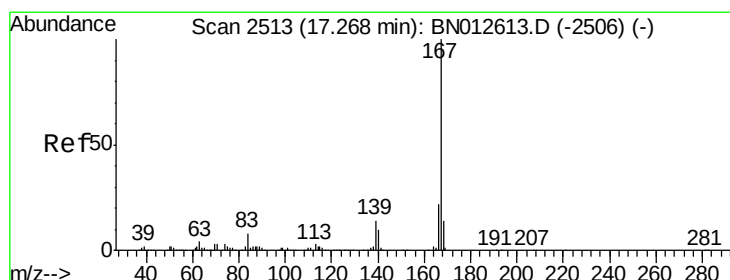
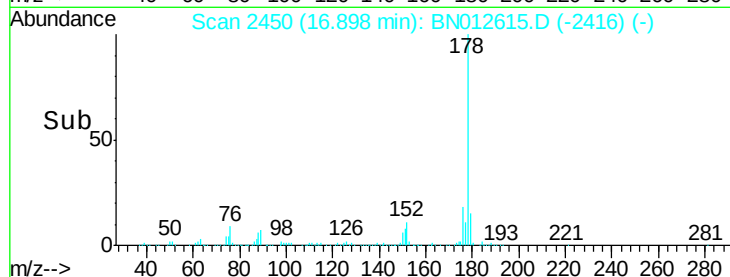
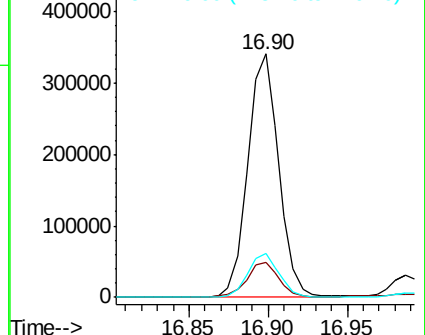


Abundance

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



#75

Carbazole

Concen: 47.005 ng/ul

RT: 17.27 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BN012615.D

Acq: 19 Nov 2020 04:32

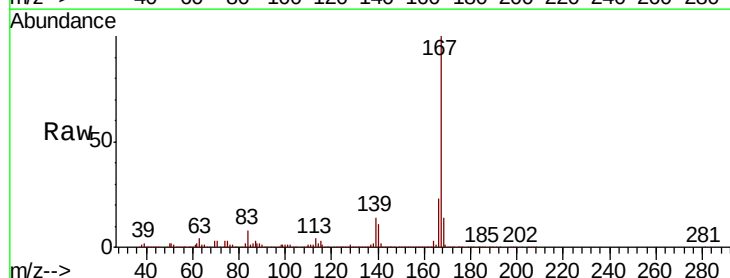
Tgt Ion:167 Resp: 2085066

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	14.2	10.4	15.6

167 100

166 22.6 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

