

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012612.D
 Acq On : 19 Nov 2020 02:08
 Operator : CG/JU
 Sample : L4726-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGf3

Quant Time: Nov 19 03:47:35 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	139785	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	589318	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	385600	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	869799	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	900709	20.00	ng/ul	-0.01
86) Perylene-d12	23.19	264	974856	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	19041	4.85	ng/uL	0.00
5) Phenol-d5	6.63	99	73477	5.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	223094	29.78	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	238060	23.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	145230	13.97	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	153	0.03	ng/ul	0.14
22) 2-Nitrophenol-d4	9.31	143	163713	30.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	282519	27.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	18674	1.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1104444	35.07	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1303342	34.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	28984	4.92	ng/ul	0.00
58) Fluorene-d10	15.10	176	927470	33.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	192829	32.50	ng/ul	0.00
71) Anthracene-d10	16.96	188	1558027	35.26	ng/ul	0.00
79) Pyrene-d10	19.26	212	1828081	38.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	1958742	36.77	ng/ul	-0.01

Target Compounds

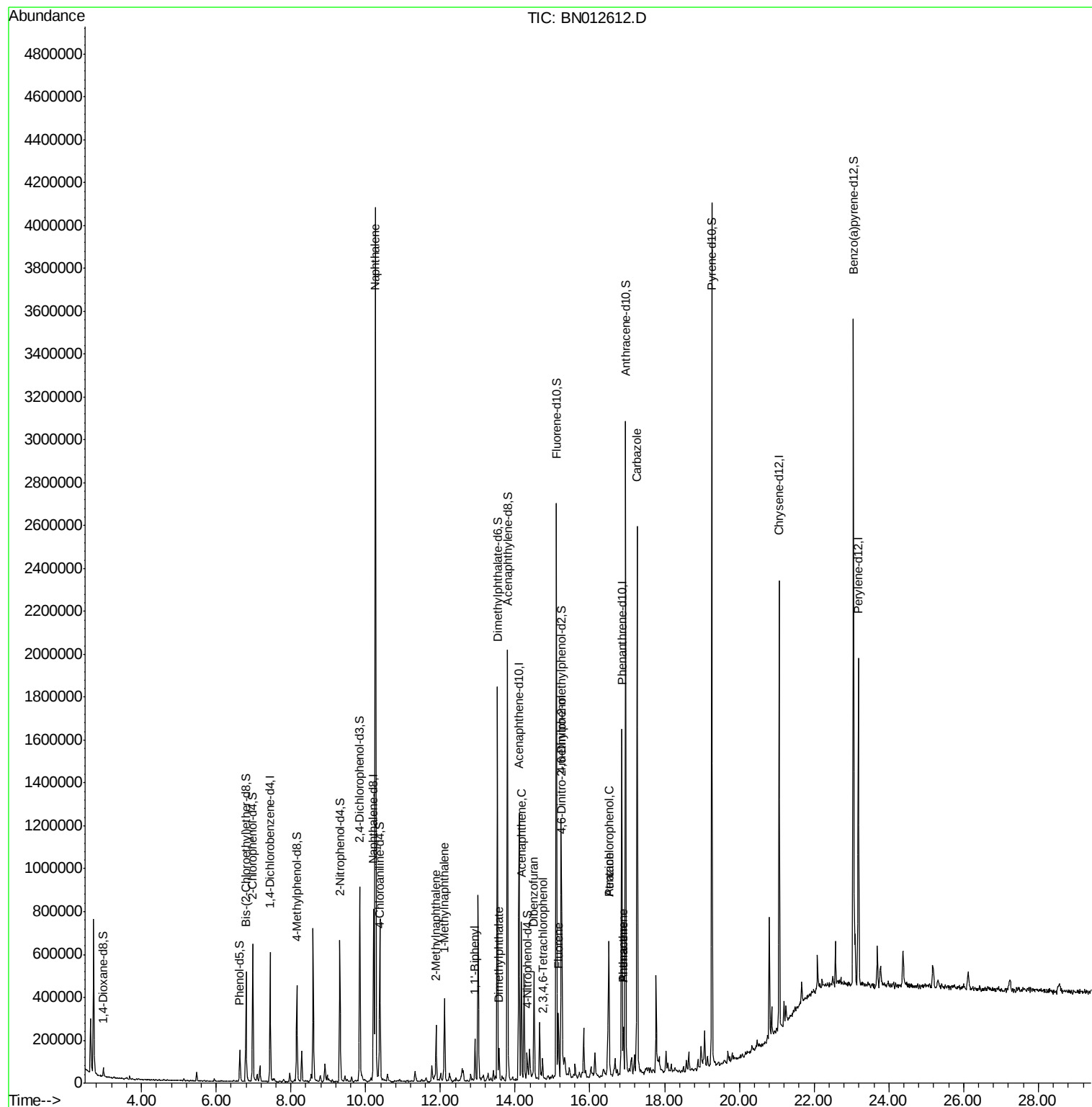
					Ovalue	
28) Naphthalene	10.26	128	2892664	84.909	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	117241	4.931	ng/ul	89
35) 1-Methylnaphthalene	12.11	142	148256	5.232	ng/uL#	98
41) 1,1'-Biphenyl	12.93	154	90070	2.818	ng/ul	99
45) Dimethylphthalate	13.57	163	78868	2.486	ng/ul	97
50) Acenaphthene	14.17	153	269909	9.817	ng/ul	97
54) Dibenzofuran	14.50	168	281443	7.384	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.73	232	14878	2.065	ng/ul#	94
59) Fluorene	15.16	166	107363	3.371	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.25	198	26388	4.190	ng/ul#	72
68) Atrazine	16.51	200	14330	1.441	ng/ul#	37
69) Pentachlorophenol	16.51	266	75635	11.011	ng/ul	90
70) Phenanthrene	16.90	178	102084	1.909	ng/ul	99
72) Anthracene	16.90	178	102612	1.893	ng/ul	98
75) Carbazole	17.27	167	1506576	32.562	ng/ul	99

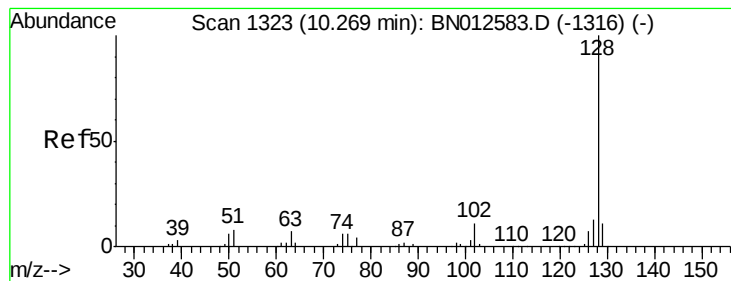
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 14:31:59 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 84.909 ng/ul

RT: 10.26 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

Instrument :

BNA_N

ClientSampleId :

DBGF3

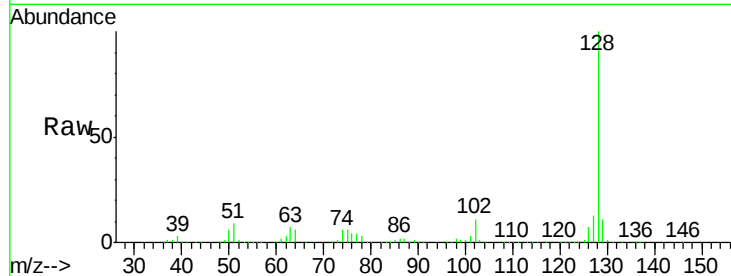
Tot Ion:128 Resp: 2892664

Ion Ratio Lower Upper

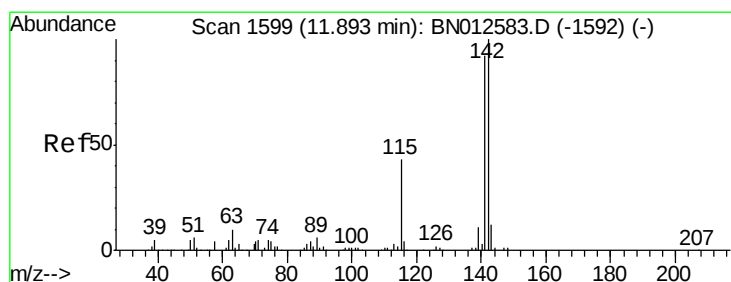
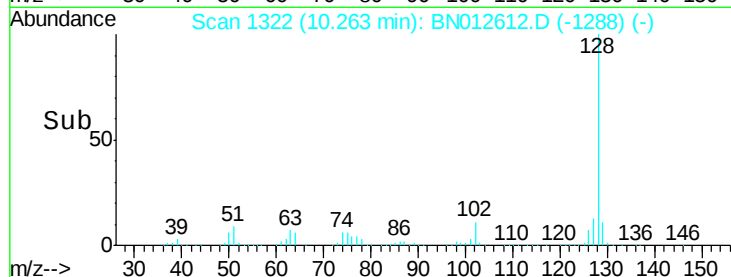
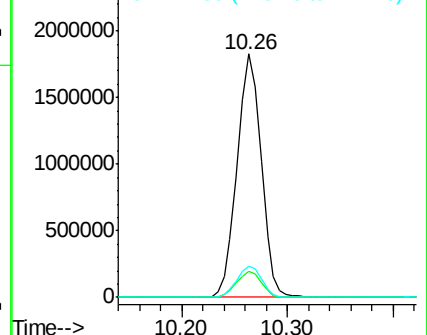
128 100

129 10.7 8.6 12.8

127 12.9 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: 4.931 ng/ul

RT: 11.89 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN012612.D

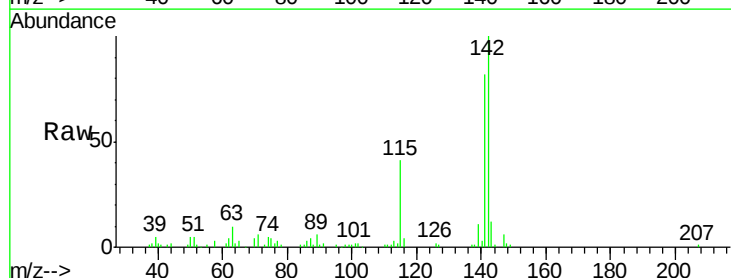
Acq: 19 Nov 2020 02:08

Tgt Ion:142 Resp: 117241

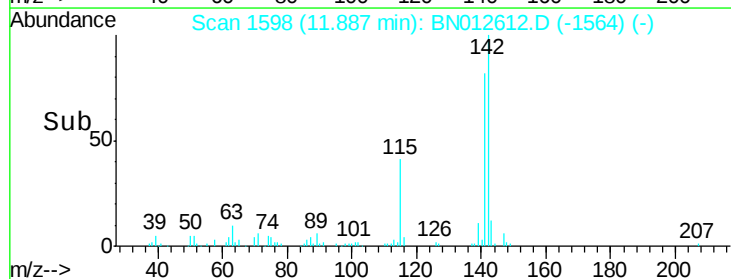
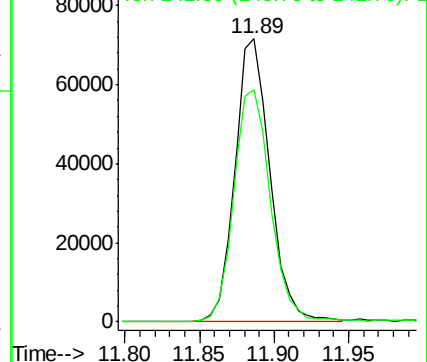
Ion Ratio Lower Upper

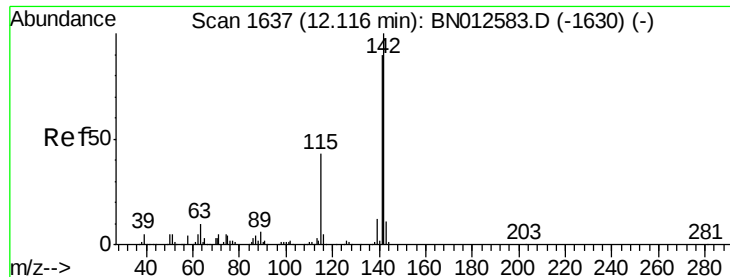
142 100

141 82.0 73.8 110.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 5.232 ng/uL

RT: 12.11 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

Instrument :

BNA_N

ClientSampleId :

DBGF3

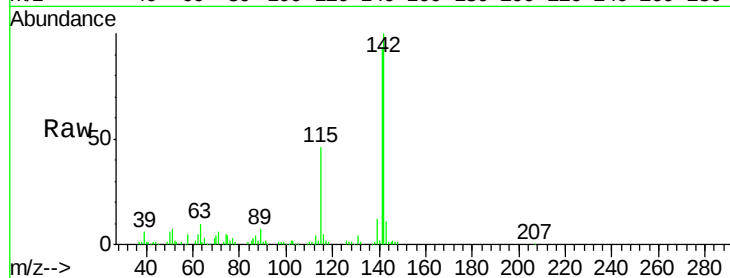
Tot Ion:142 Resp: 148256

Ion Ratio Lower Upper

142 100

141 95.8 74.7 112.1

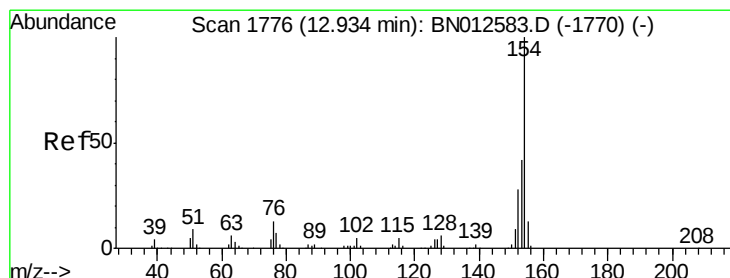
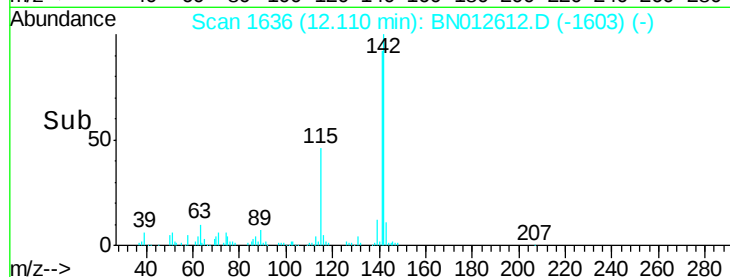
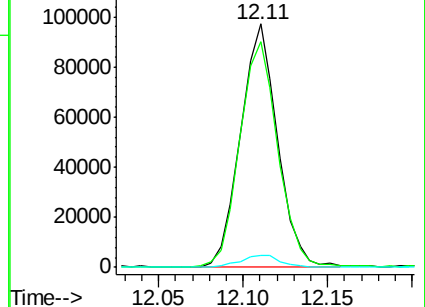
116 5.2 3.4 5.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 2.818 ng/uL

RT: 12.93 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

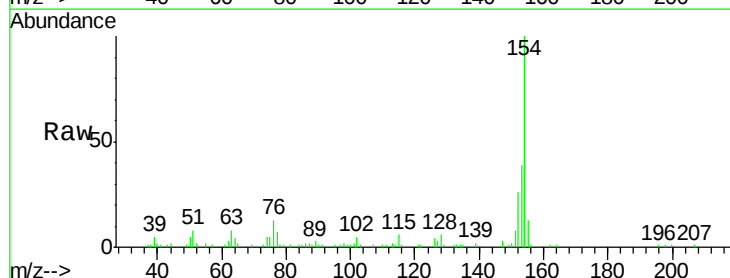
Tgt Ion:154 Resp: 90070

Ion Ratio Lower Upper

154 100

153 39.4 31.4 47.0

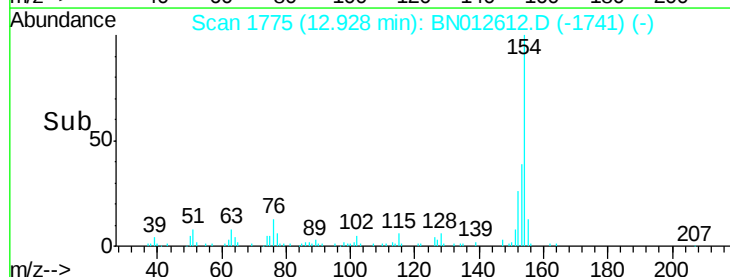
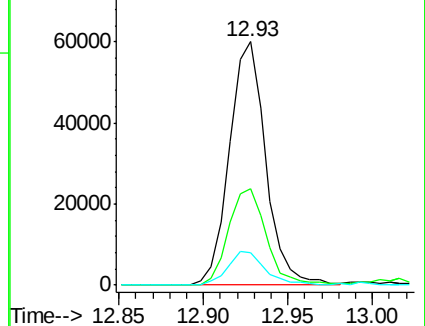
76 13.5 9.3 13.9

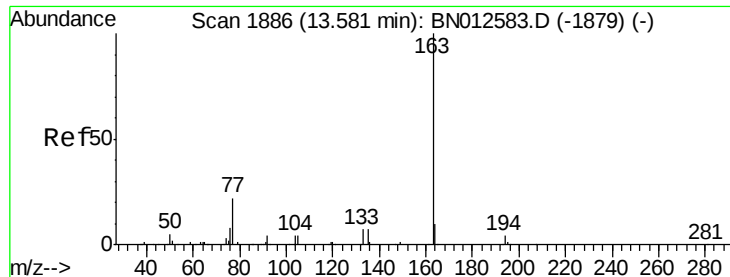


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

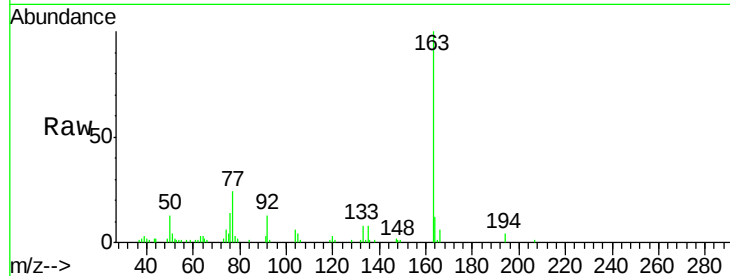




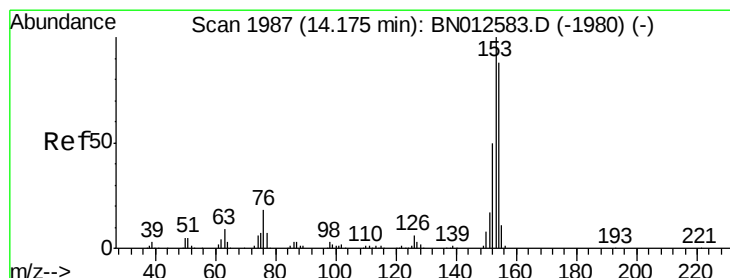
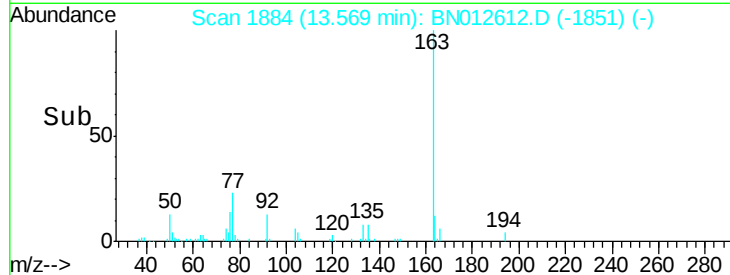
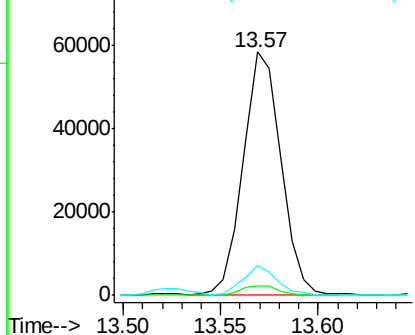
#45
Dimethylphthalate
Concen: 2.486 ng/ul
RT: 13.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN012612.D
Acq: 19 Nov 2020 02:08

Instrument :
BNA_N
ClientSampleId :
DBGF3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	12.1	8.6	13.0

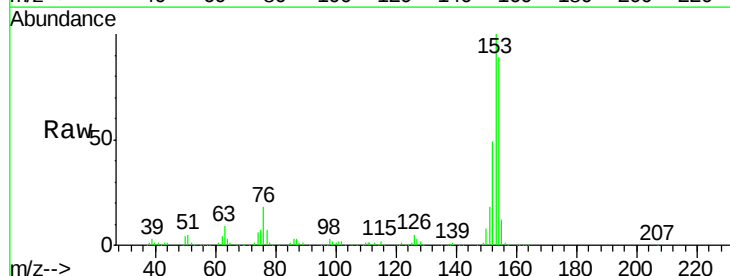


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

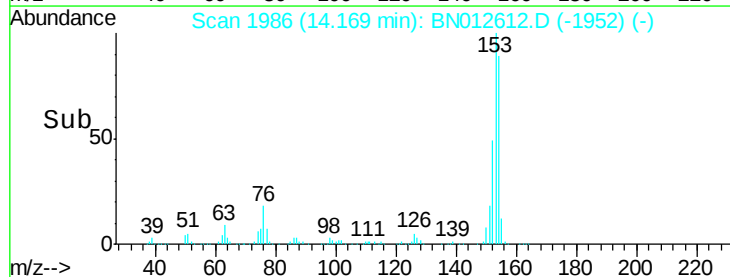
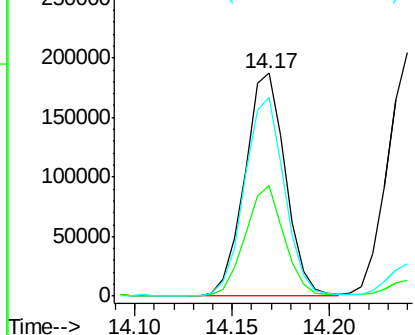


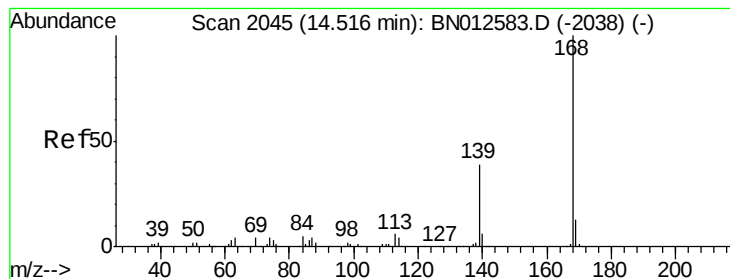
#50
Acenaphthene
Concen: 9.817 ng/ul
RT: 14.17 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BN012612.D
Acq: 19 Nov 2020 02:08

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	37.1	55.7
154	89.2	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

Dibenzofuran

Concen: 7.384 ng/ul

RT: 14.50 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

Instrument :

BNA_N

ClientSampled :

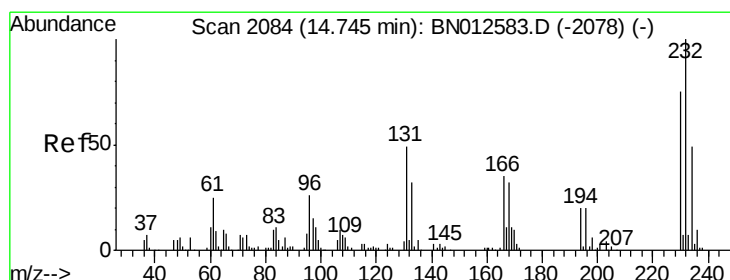
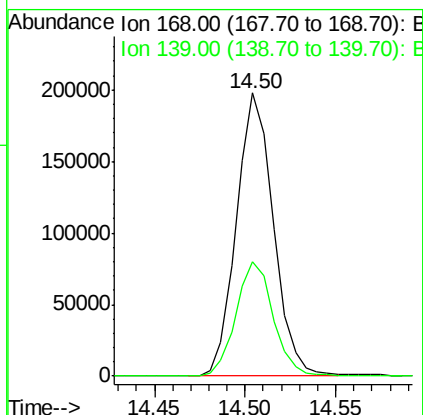
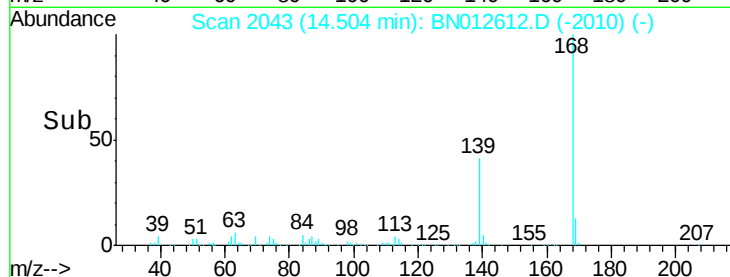
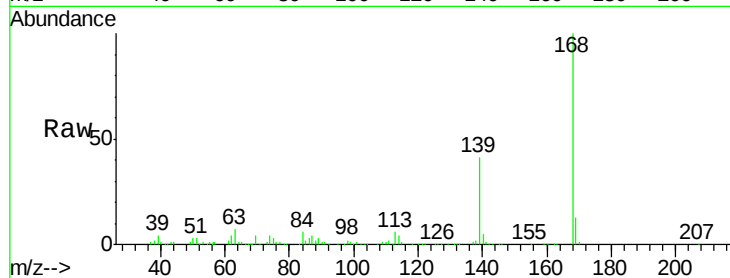
DBGF3

Tot Ion:168 Resp: 281443

Ion Ratio Lower Upper

168 100

139 40.6 30.5 45.7



#56

2,3,4,6-Tetrachlorophenol

Concen: 2.065 ng/ul

RT: 14.73 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

Tgt Ion:232 Resp: 14878

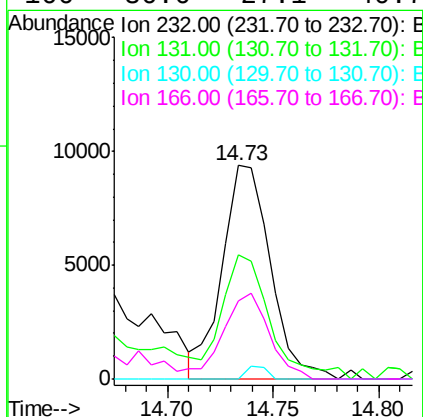
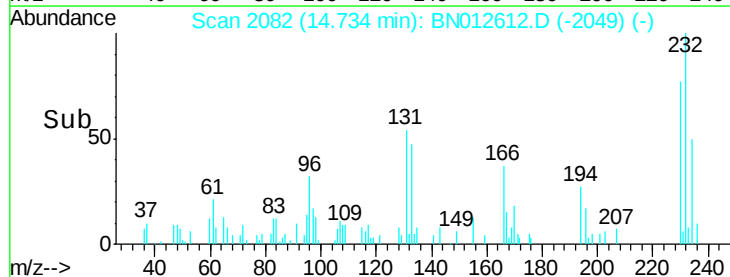
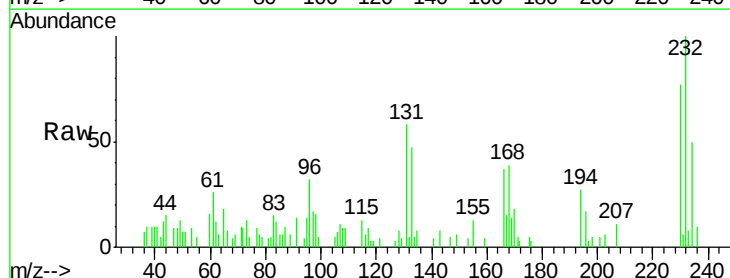
Ion Ratio Lower Upper

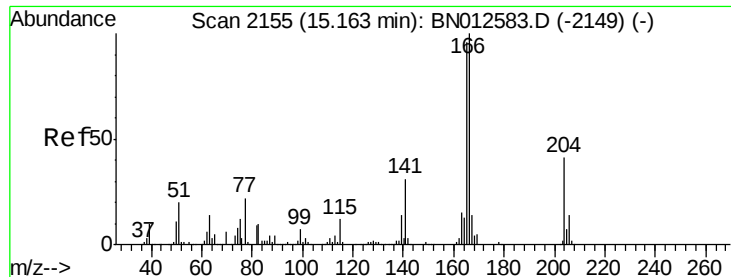
232 100

131 57.9 42.9 64.3

130 0.0 2.5 3.7#

166 36.6 27.1 40.7





#59

Fluorene

Concen: 3.371 ng/ul

RT: 15.16 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

Instrument :

BNA_N

ClientSampleId :

DBGF3

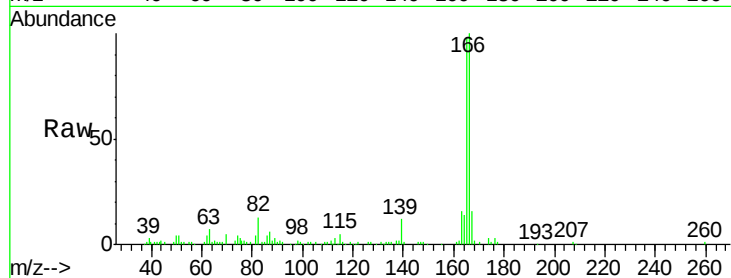
Tot Ion:166 Resp: 107363

Ion Ratio Lower Upper

166 100

165 97.5 83.3 124.9

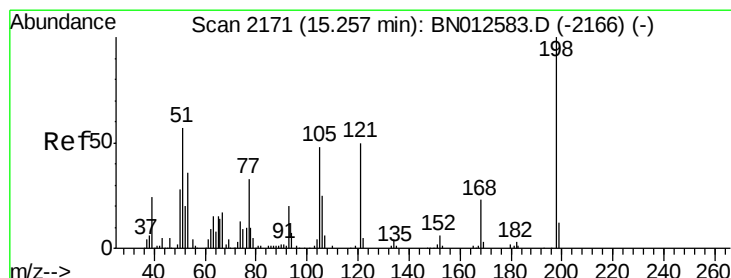
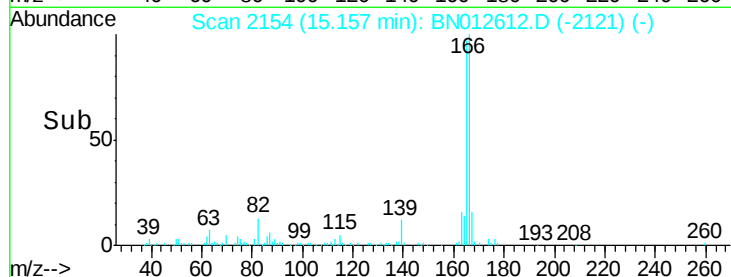
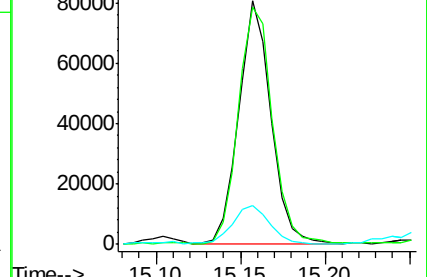
167 16.2 11.0 16.6



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



#64

4,6-Dinitro-2-methylphenol

Concen: 4.190 ng/ul

RT: 15.25 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

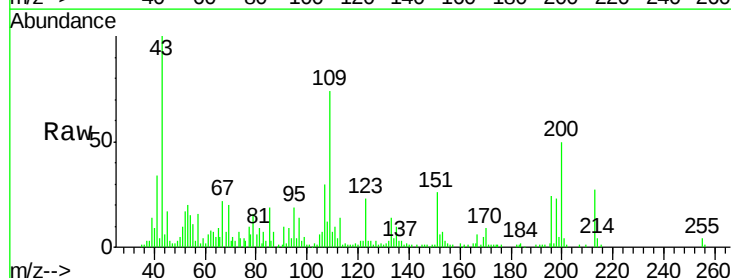
Tgt Ion:198 Resp: 26388

Ion Ratio Lower Upper

198 100

182 3.2 3.8 5.6#

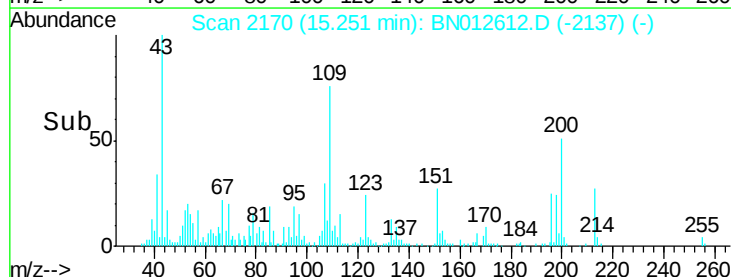
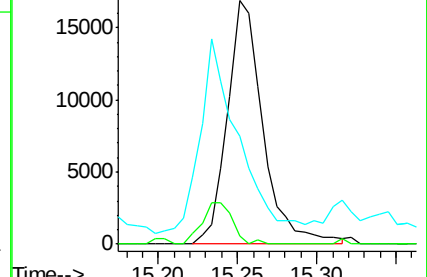
77 44.2 22.0 33.0#

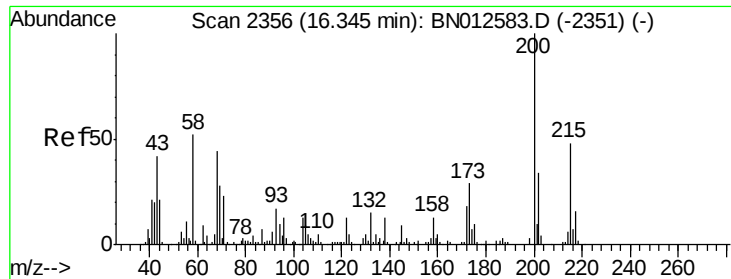


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC





#68

Atrazine

Concen: 1.441 ng/ul

RT: 16.51 min Scan# 2384

Delta R.T. 0.16 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

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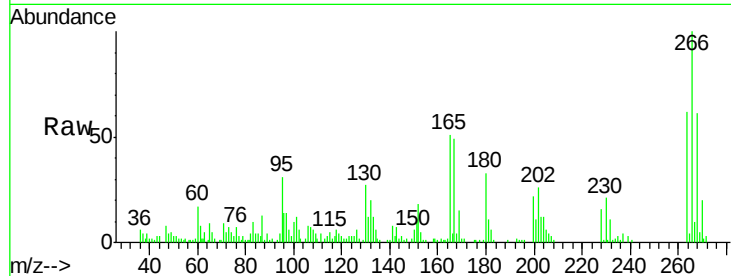
Tot Ion:200 Resp: 14330

Ion Ratio Lower Upper

200 100

173 0.0 23.4 35.0#

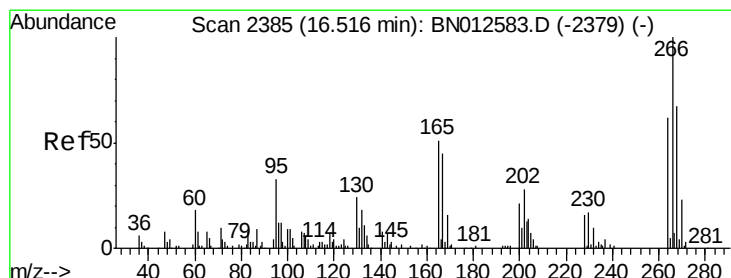
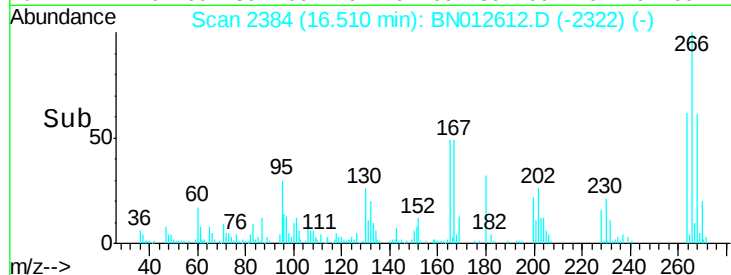
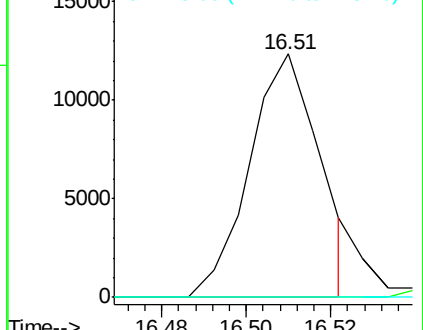
215 0.0 35.8 53.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 11.011 ng/ul

RT: 16.51 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

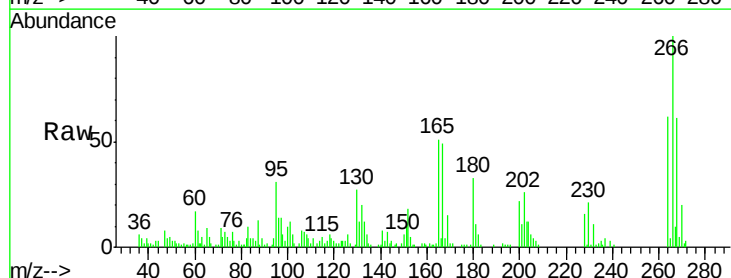
Tgt Ion:266 Resp: 75635

Ion Ratio Lower Upper

266 100

264 62.4 55.0 82.6

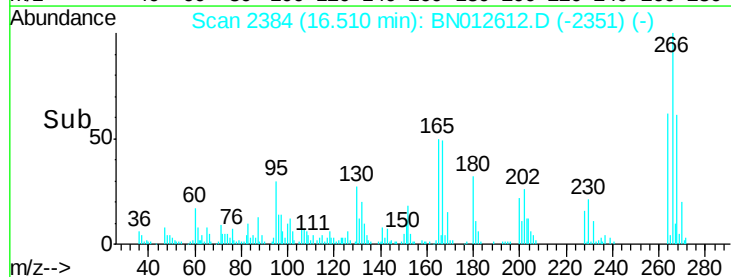
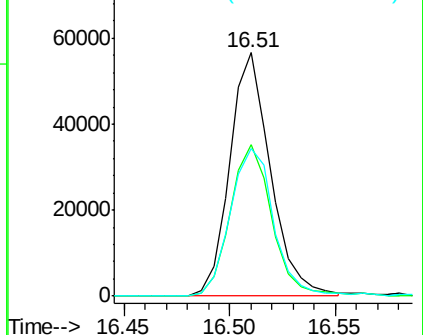
268 60.7 56.9 85.3

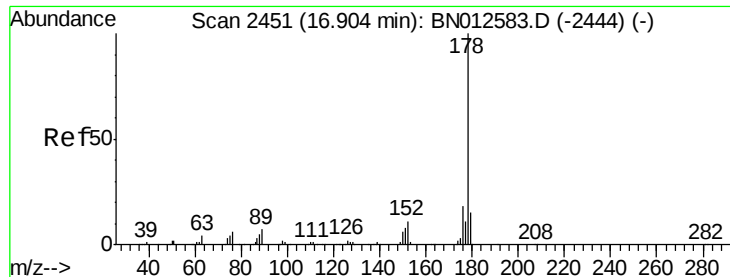


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 1.909 ng/ul

RT: 16.90 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

Instrument :

BNA_N

ClientSampleId :

DBGF3

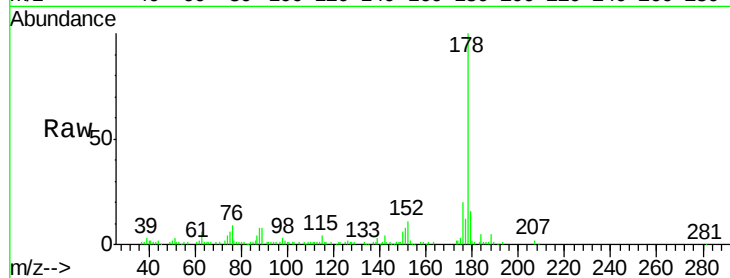
Tot Ion:178 Resp: 102084

Ion Ratio Lower Upper

178 100

179 16.1 13.1 19.7

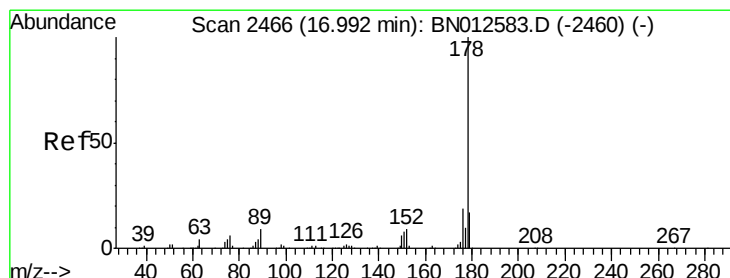
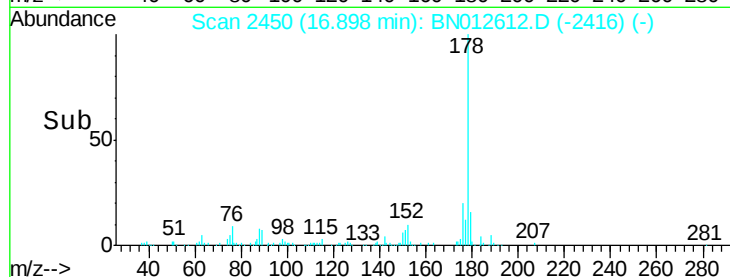
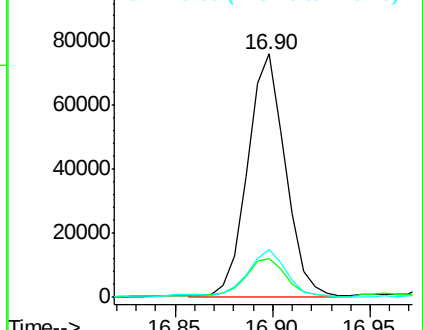
176 19.5 15.4 23.0



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



#72

Anthracene

Concen: 1.893 ng/ul

RT: 16.90 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BN012612.D

Acq: 19 Nov 2020 02:08

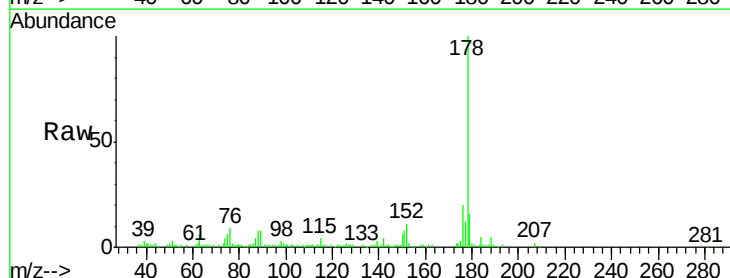
Tgt Ion:178 Resp: 102612

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

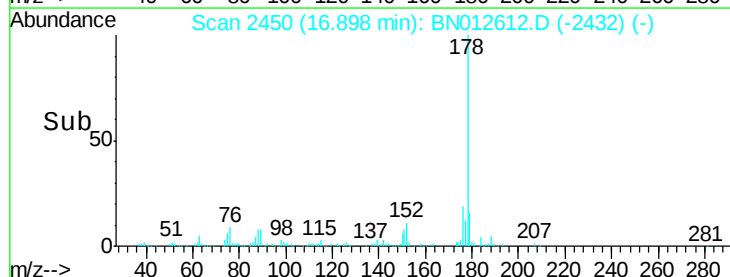
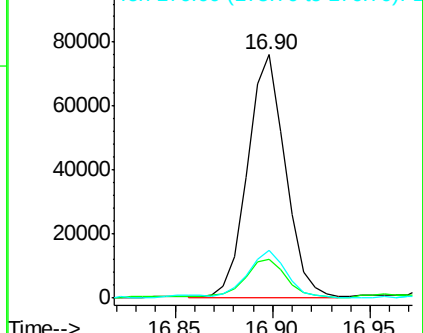
176 19.5 14.8 22.2

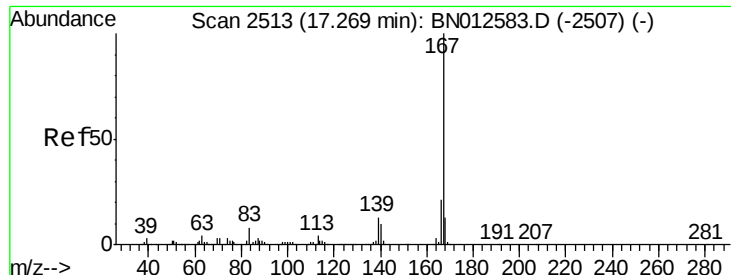


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

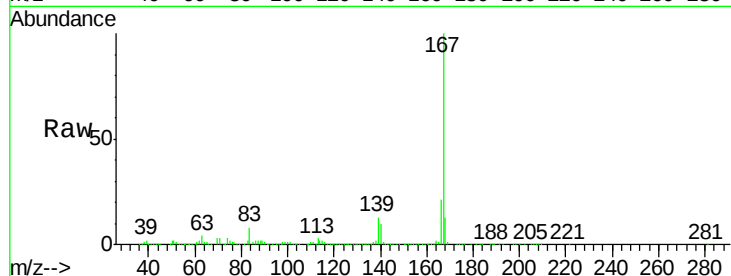




#75
 Carbazole
 Concen: 32.562 ng/ul
 RT: 17.27 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BN012612.D
 Acq: 19 Nov 2020 02:08

Instrument :
 BNA_N
 ClientSampleId :
 DBGf3

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.8
139	12.8	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

