

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002920.D
 Acq On : 04 Oct 2018 02:39
 Operator : MJ/SJ
 Sample : J5115-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 04:30:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 04:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	618133	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	362735	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	806910	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	728920	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	610189	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9337	3.09	ng/uL	0.00
5) Phenol-d5	6.82	99	251275	21.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	153924	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	208048	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	187328	20.41	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	103409	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	123082	22.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	216553	22.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	221424	19.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	683136	24.06	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	866863	23.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	99019	21.09	ng/ul	0.00
57) Fluorene-d10	15.26	176	607880	24.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	93041	18.43	ng/ul	0.00
70) Anthracene-d10	17.12	188	935507	24.28	ng/ul	0.00
78) Pyrene-d10	19.42	212	994761	25.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	772340	24.05	ng/ul	0.00

Target Compounds

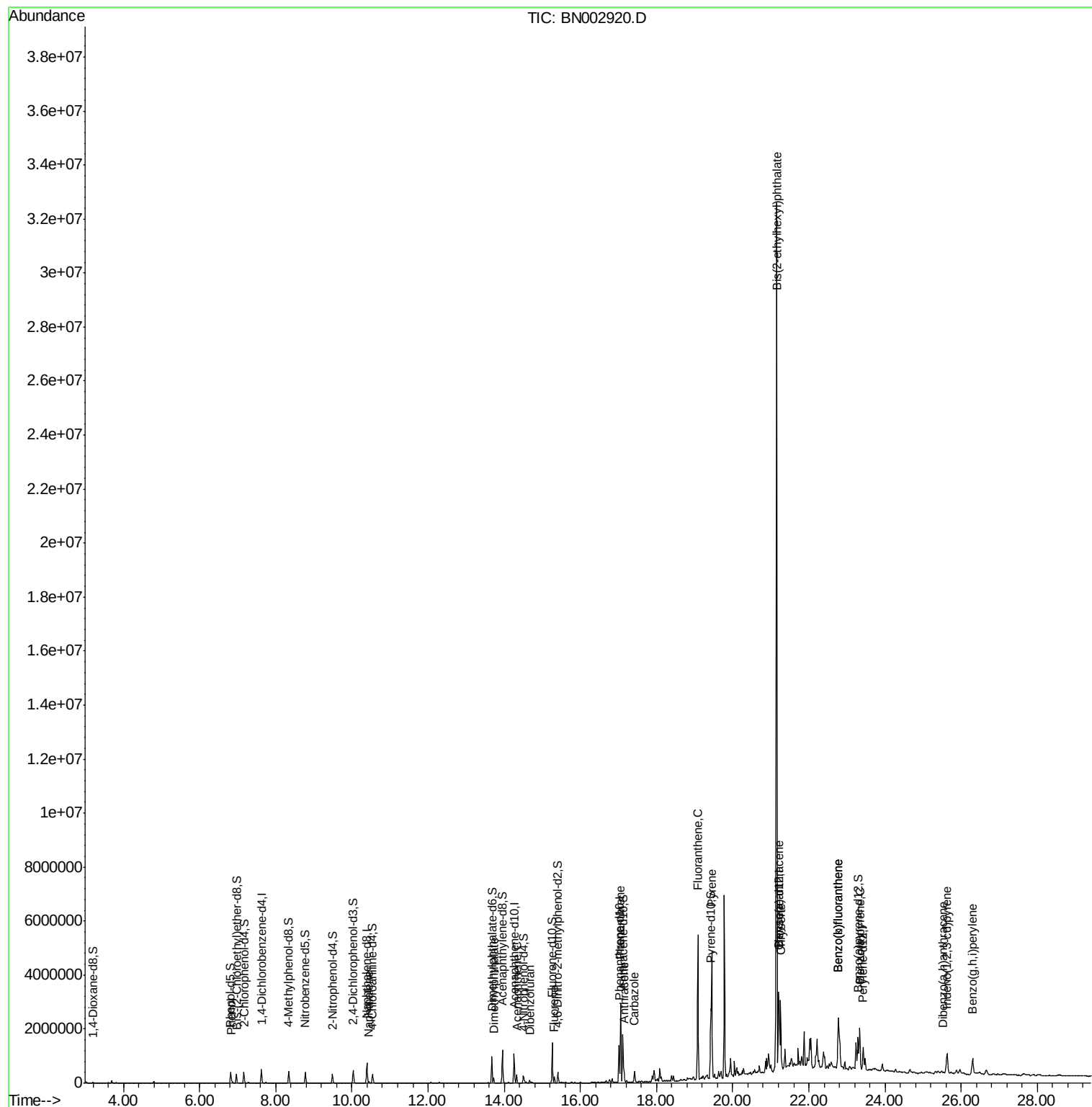
				Ovalue	
6) Phenol	6.84	94	22928	1.919 ng/ul#	84
28) Naphthalene	10.44	128	54694	1.717 ng/ul	99
44) Dimethylphthalate	13.72	163	137719	4.970 ng/ul	99
49) Acenaphthene	14.33	153	116140	4.707 ng/ul	98
53) Dibenzofuran	14.67	168	66591	1.963 ng/ul	96
58) Fluorene	15.32	166	99750	3.671 ng/ul	99
69) Phenanthrene	17.06	178	1710040	38.464 ng/ul	99
71) Anthracene	17.15	178	340345	7.550 ng/ul	99
74) Carbazole	17.42	167	247803	6.406 ng/ul	99
76) Fluoranthene	19.09	202	3146122	66.338 ng/ul	99
79) Pyrene	19.45	202	2811526	58.337 ng/ul	97
82) Benzo(a)anthracene	21.21	228	1321342	29.140 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	14075735	483.454 ng/ul#	87
84) Chrysene	21.26	228	1398965	32.915 ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	1615388	43.348 ng/ul	95
88) Benzo(k)fluoranthene	22.77	252	1615388	46.465 ng/ul	97
90) Benzo(a)pyrene	23.34	252	1068867	30.340 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.63	276	701909	16.829 ng/ul	96
92) Dibenzo(a,h)anthracene	25.54	278	36223	1.031 ng/ul	93
93) Benzo(g,h,i)perylene	26.30	276	683692	19.609 ng/ul	99

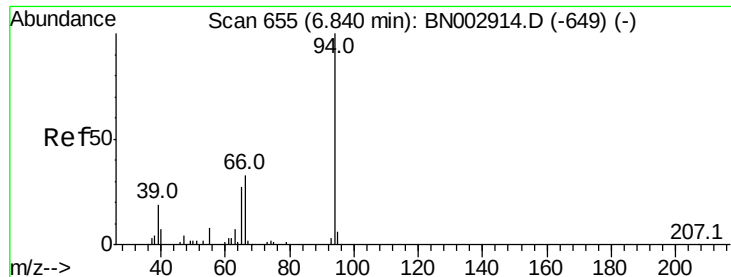
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 04:26:52 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.919 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. 0.00 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampleId :

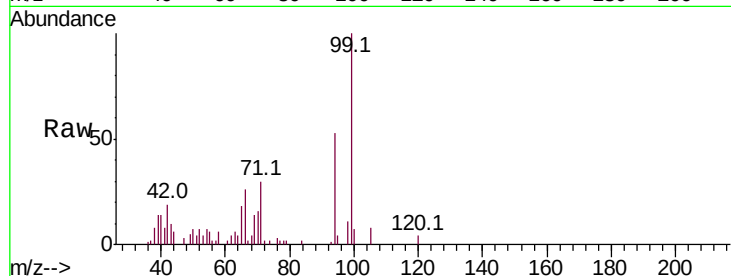
Tot Ion: 94 Resp: 22928

Ion Ratio Lower Upper

94 100

65 34.8 23.1 34.7#

66 49.3 29.8 44.6#

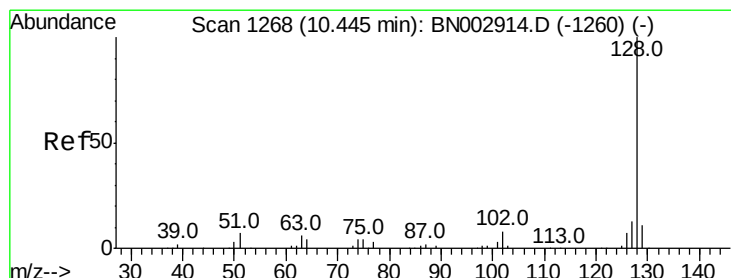
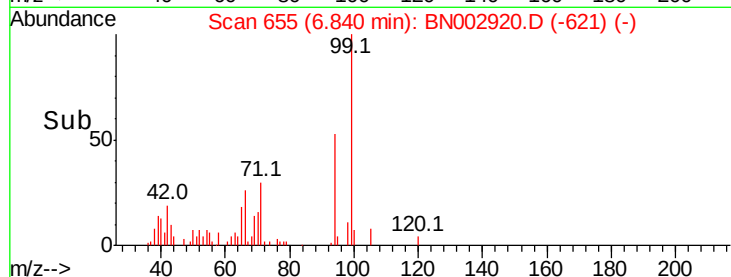
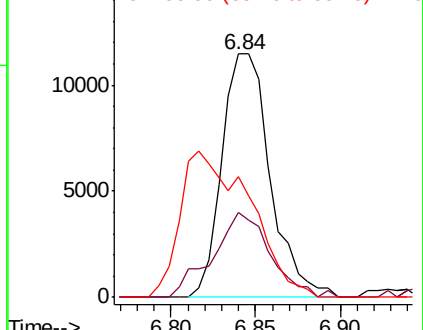


Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#28

Naphthalene

Concen: 1.717 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

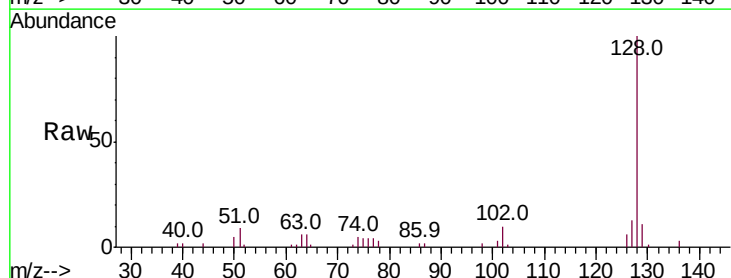
Tgt Ion:128 Resp: 54694

Ion Ratio Lower Upper

128 100

129 11.0 8.3 12.5

127 12.8 10.5 15.7

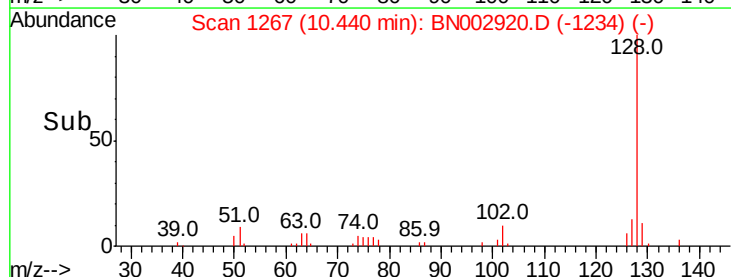
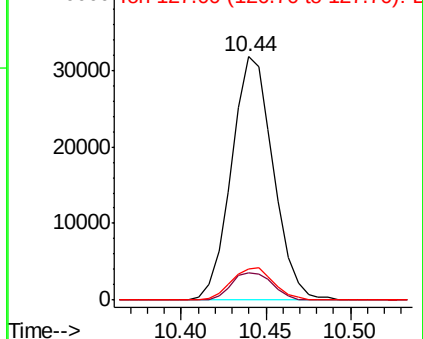


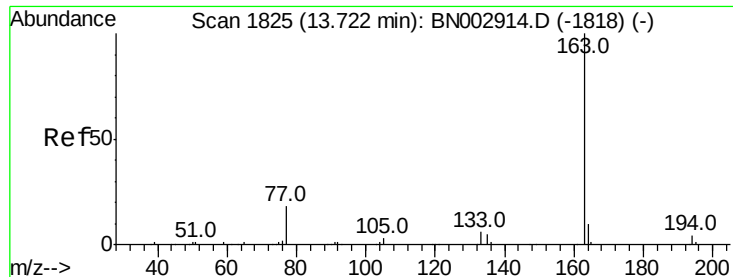
Abundance

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

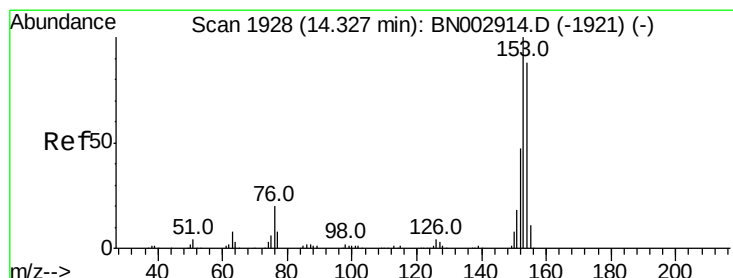
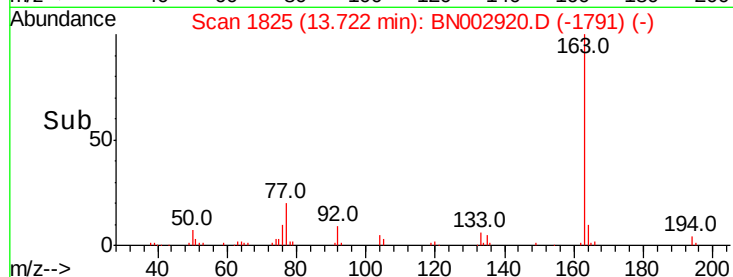
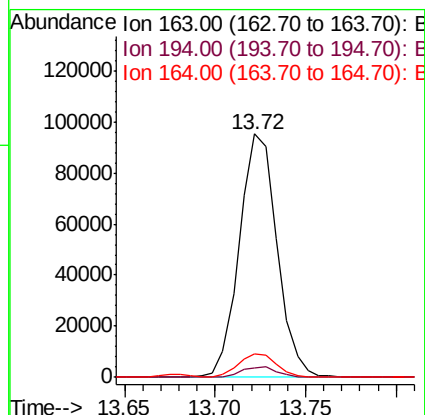
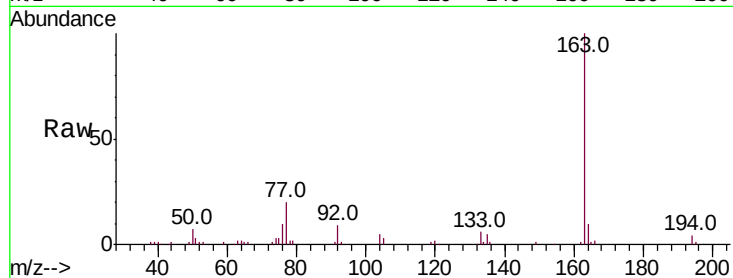




#44
Dimethylphthalate
Concen: 4.970 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

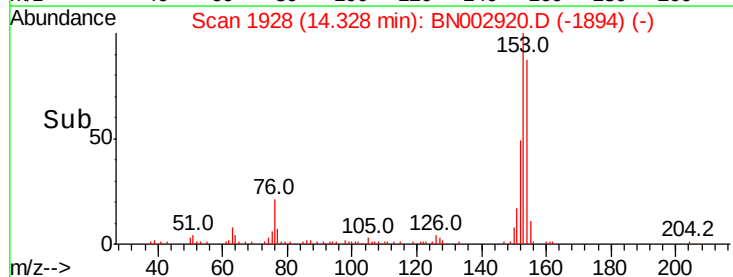
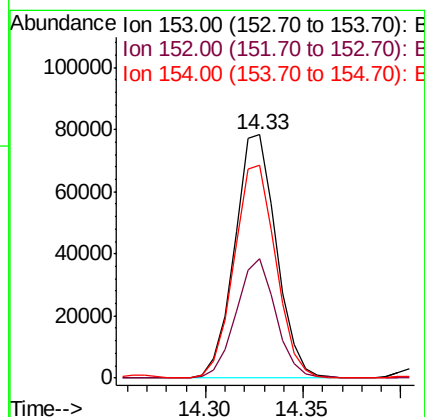
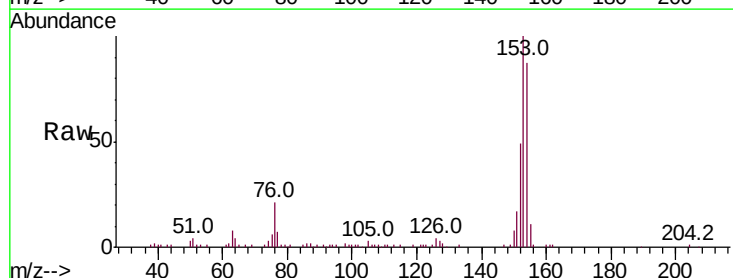
Instrument :
BNA_N
ClientSampleId :

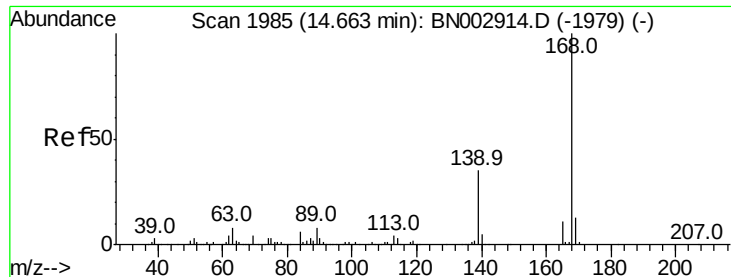
Tot Ion:163 Resp: 137719
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 9.7 8.1 12.1



#49
Acenaphthene
Concen: 4.707 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Tgt Ion:153 Resp: 116140
Ion Ratio Lower Upper
153 100
152 49.1 37.8 56.6
154 87.3 70.9 106.3





#53

Dibenzenofuran

Concen: 1.963 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

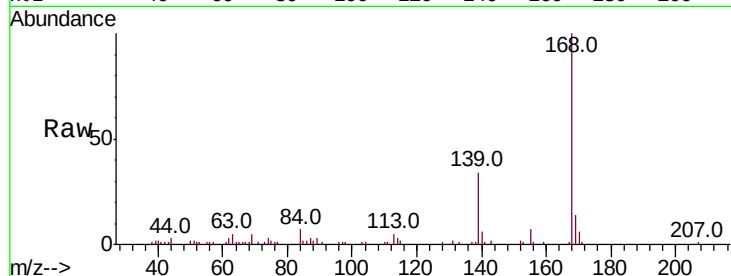
ClientSampled :

Tot Ion:168 Resp: 66591

Ion Ratio Lower Upper

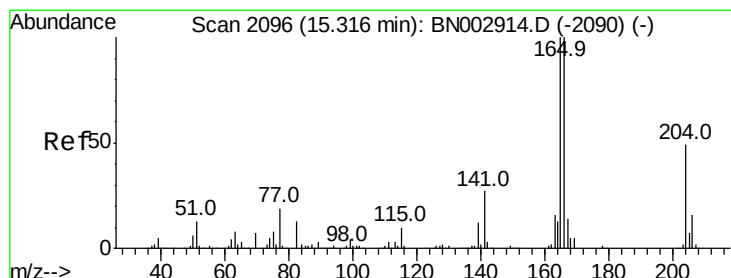
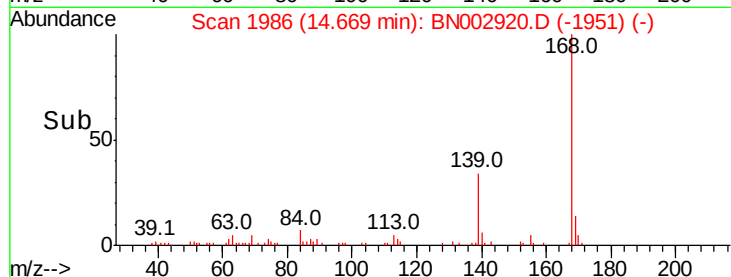
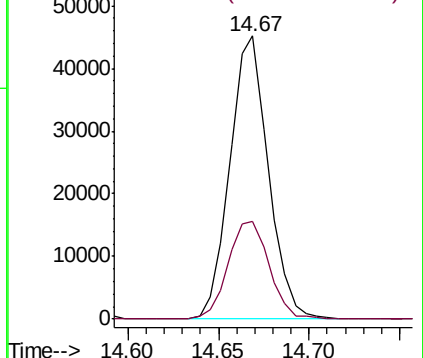
168 100

139 34.4 29.4 44.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 3.671 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

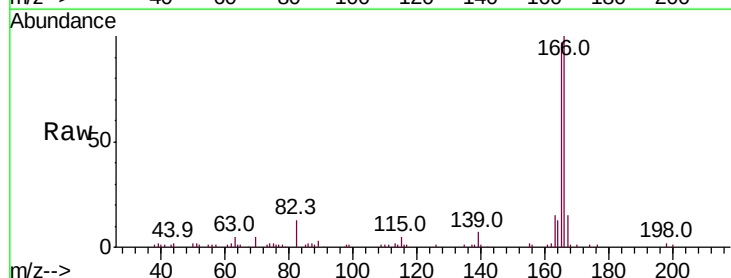
Tgt Ion:166 Resp: 99750

Ion Ratio Lower Upper

166 100

165 97.3 78.3 117.5

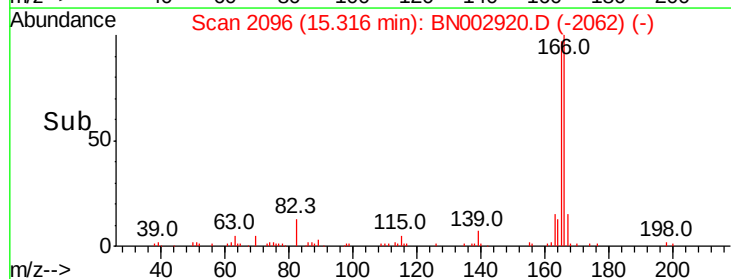
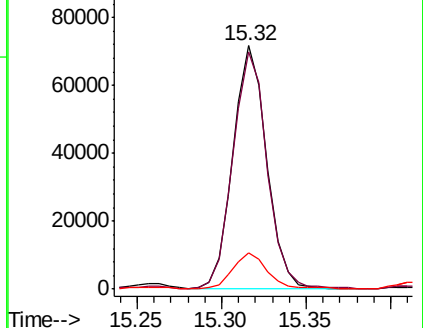
167 14.9 11.0 16.6

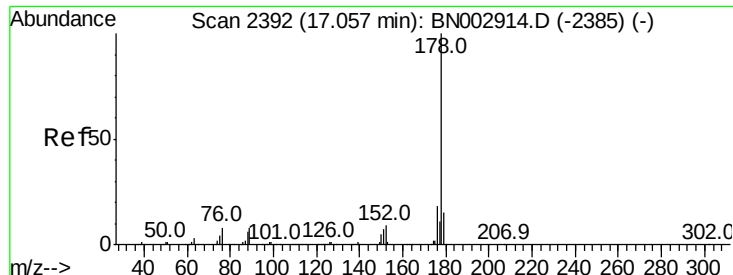


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 38.464 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampleId :

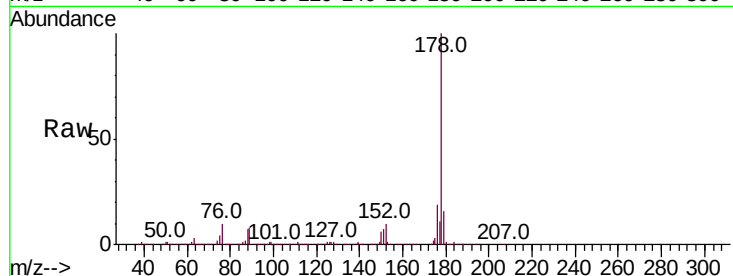
Tot Ion:178 Resp: 1710040

Ion Ratio Lower Upper

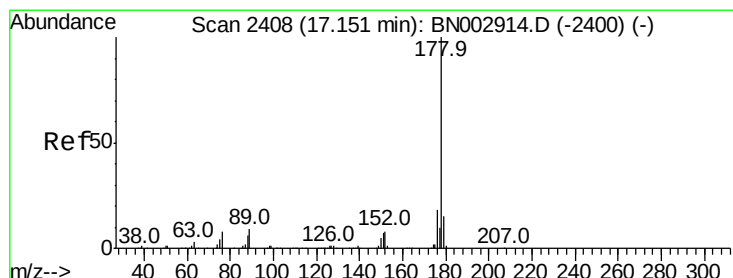
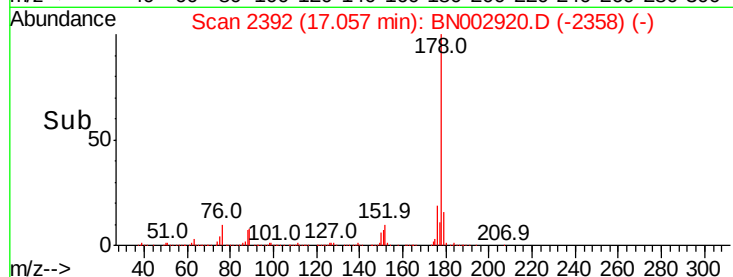
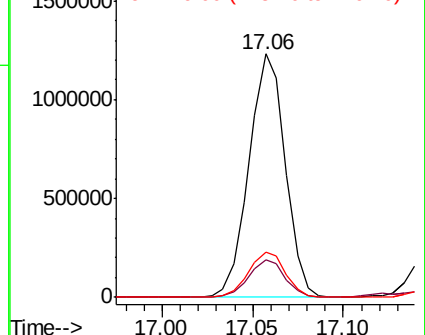
178 100

179 15.6 12.2 18.4

176 18.6 15.0 22.6



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



#71

Anthracene

Concen: 7.550 ng/ul

RT: 17.15 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

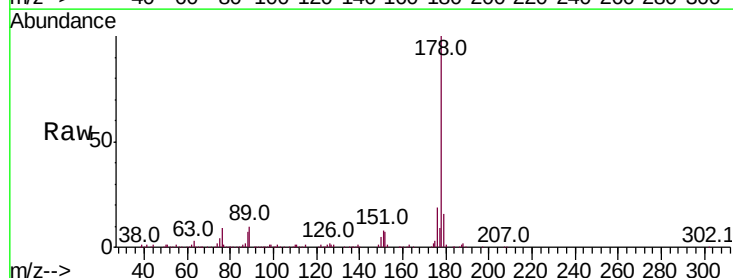
Tgt Ion:178 Resp: 340345

Ion Ratio Lower Upper

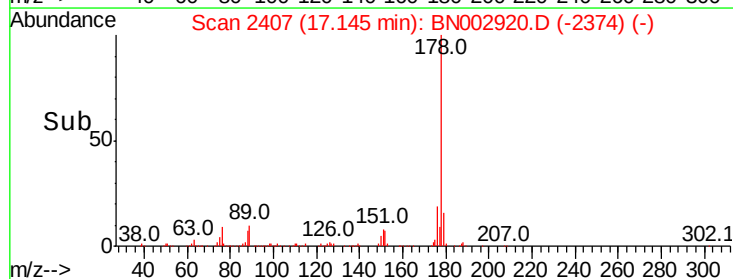
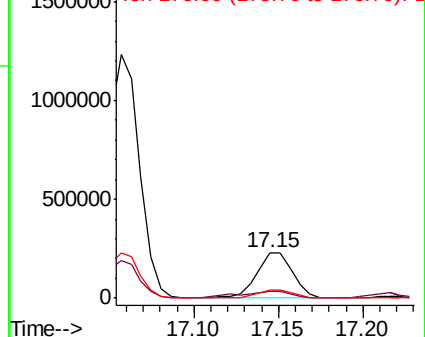
178 100

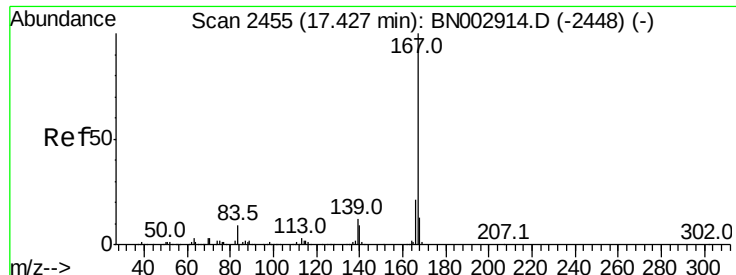
179 15.8 12.0 18.0

176 18.8 15.0 22.4



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





#74

Carbazole

Concen: 6.406 ng/ul

RT: 17.42 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampleId :

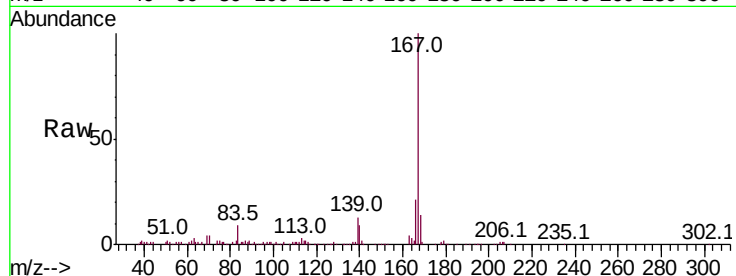
Tot Ion:167 Resp: 247803

Ion Ratio Lower Upper

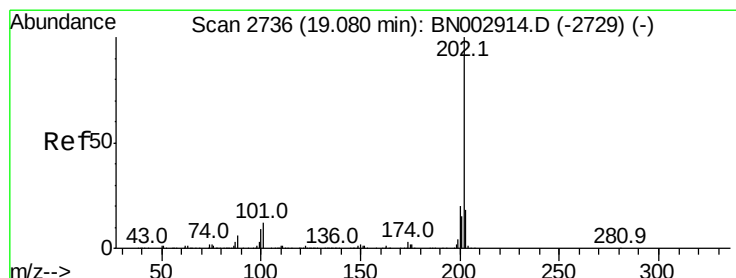
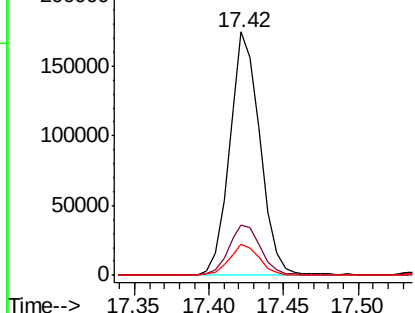
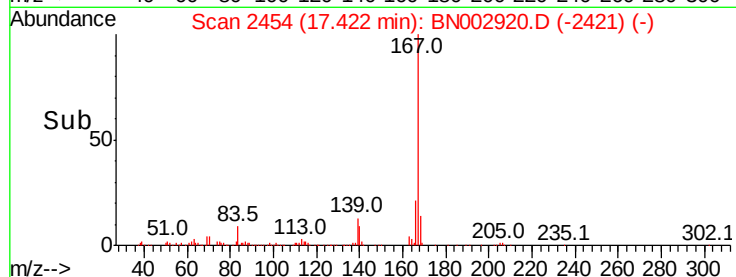
167 100

166 20.6 17.0 25.6

139 12.8 10.7 16.1



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



#76

Fluoranthene

Concen: 66.338 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

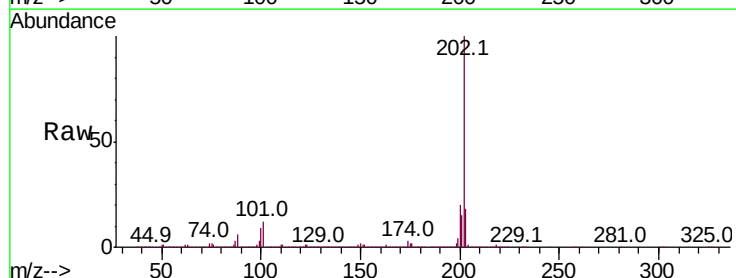
Tgt Ion:202 Resp: 3146122

Ion Ratio Lower Upper

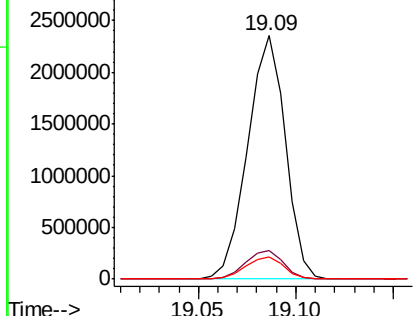
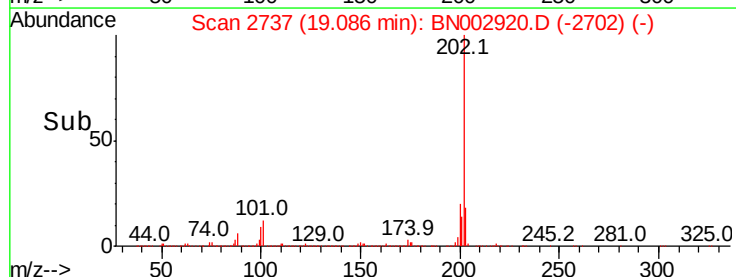
202 100

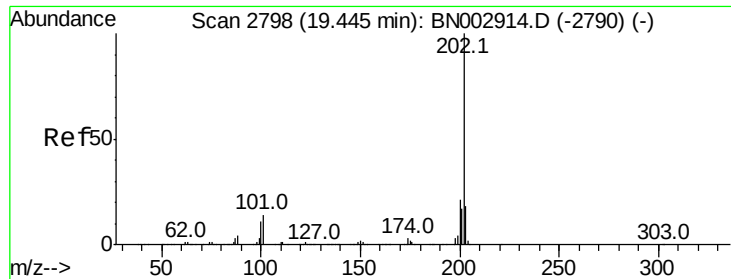
101 12.0 9.4 14.2

100 9.1 7.0 10.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 58.337 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampled :

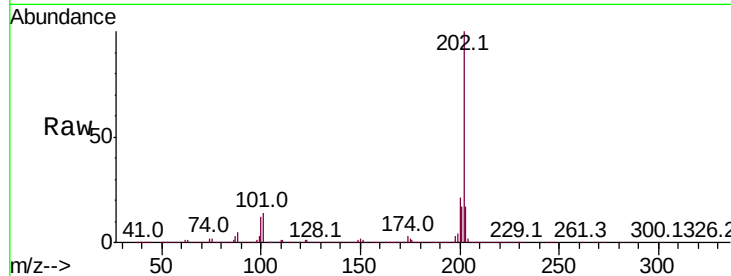
Tot Ion:202 Resp: 2811526

Ion Ratio Lower Upper

202 100

101 14.2 10.8 16.2

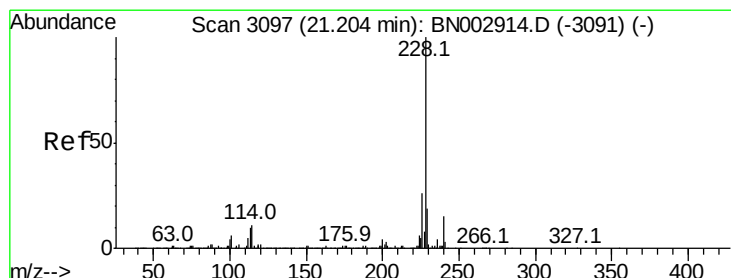
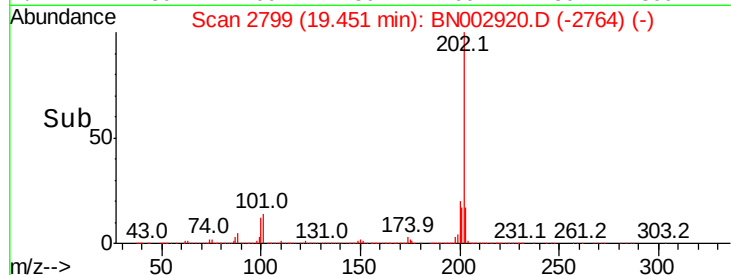
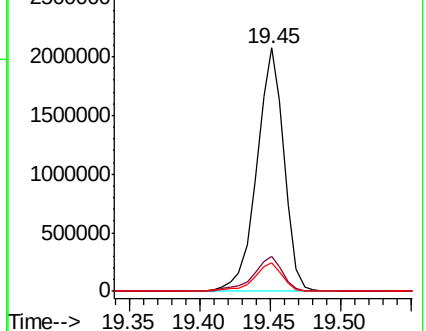
100 11.8 8.2 12.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82

Benzo(a)anthracene

Concen: 29.140 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

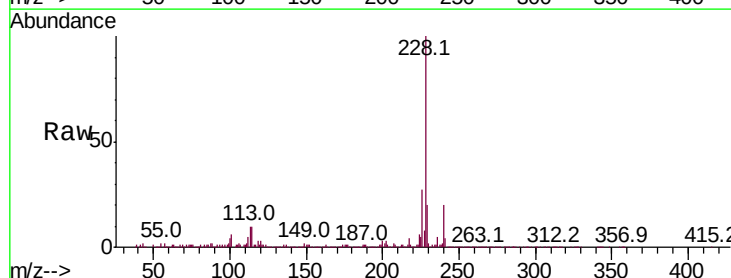
Tgt Ion:228 Resp: 1321342

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

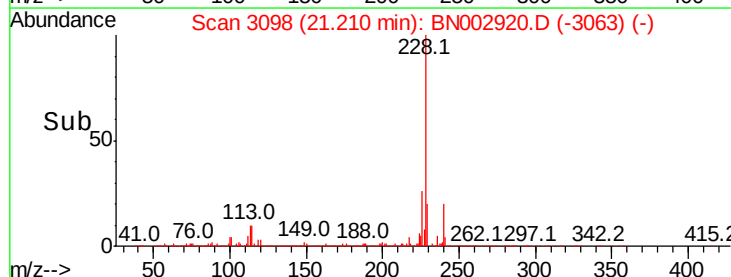
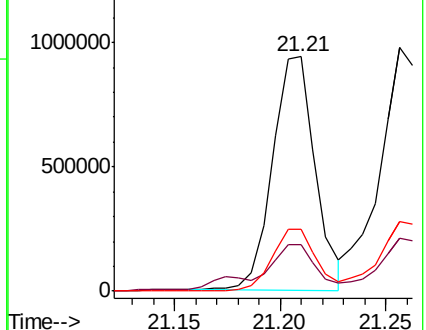
226 26.6 20.9 31.3

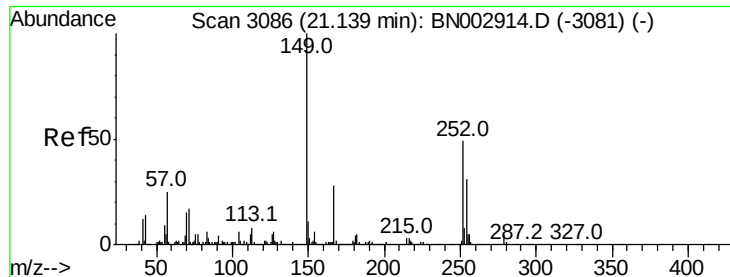


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 483.454 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.02 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampleId :

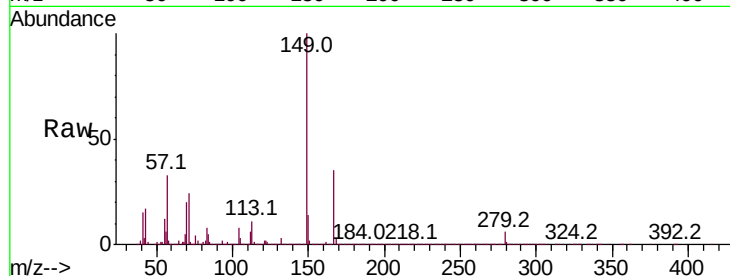
Tot Ion:149 Resp:14075735

Ion Ratio Lower Upper

149 100

167 34.6 22.0 33.0#

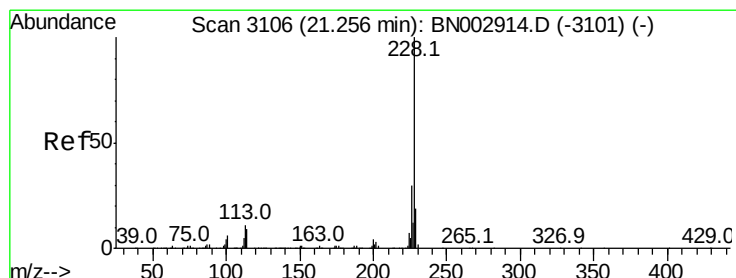
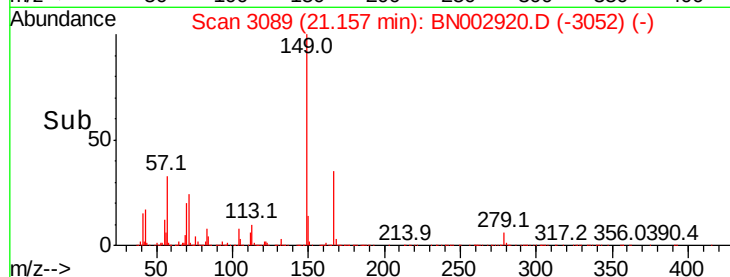
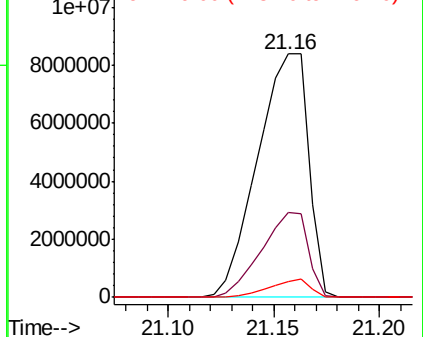
279 6.5 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 32.915 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

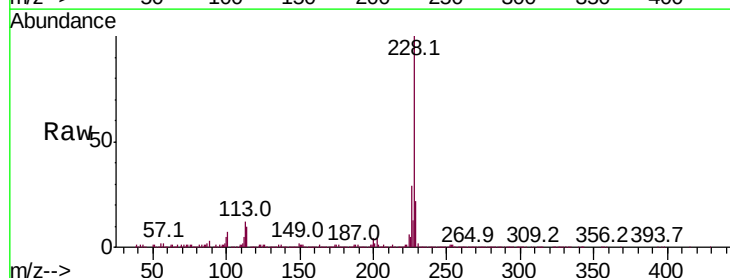
Tgt Ion:228 Resp: 1398965

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

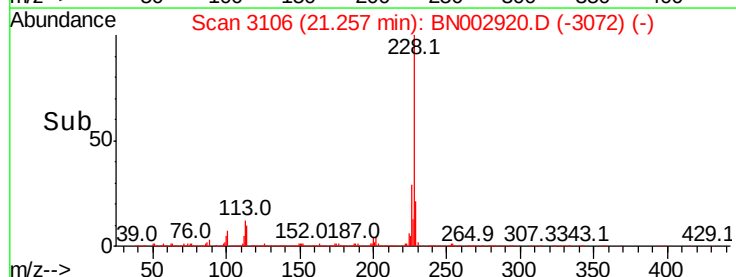
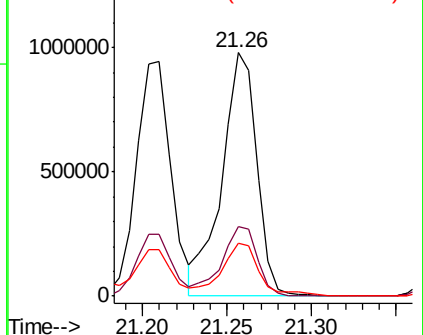
229 21.6 15.7 23.5

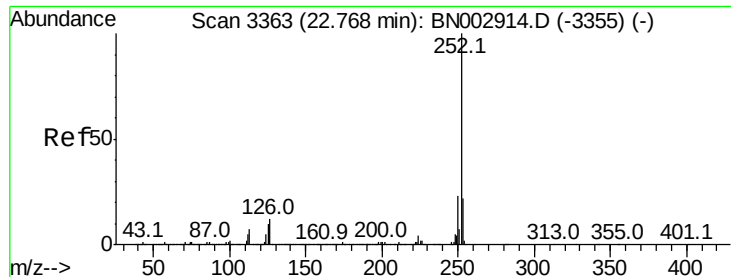


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

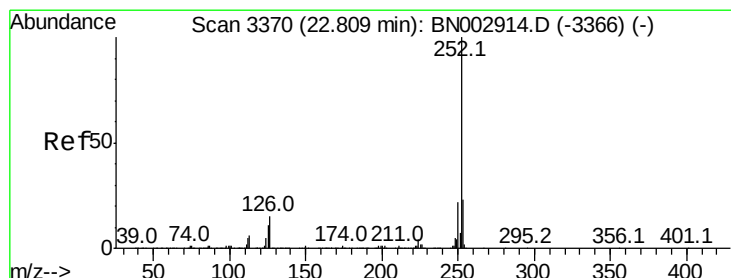
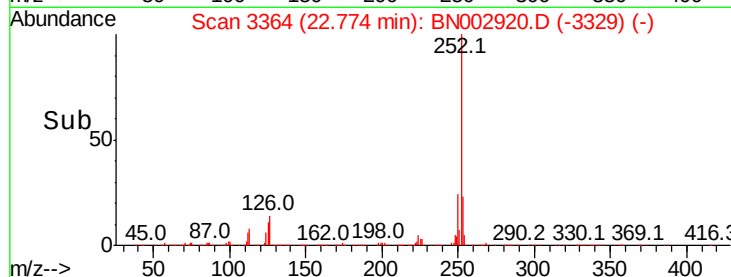
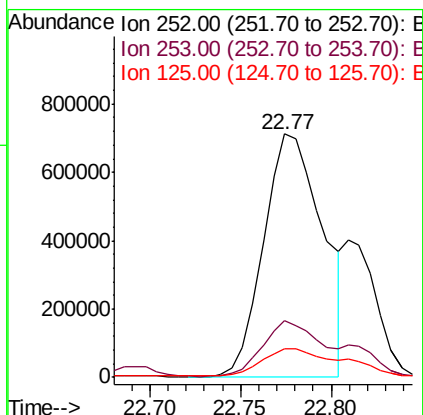
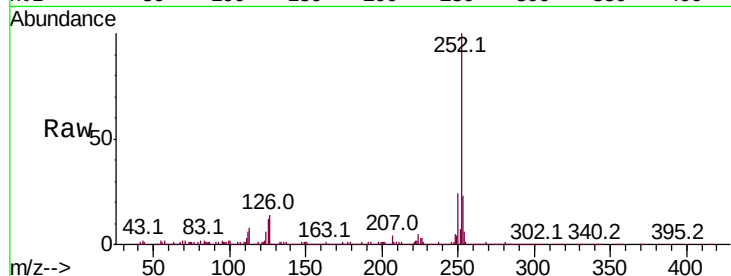




#87
Benzo(b)fluoranthene
Concen: 43.348 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

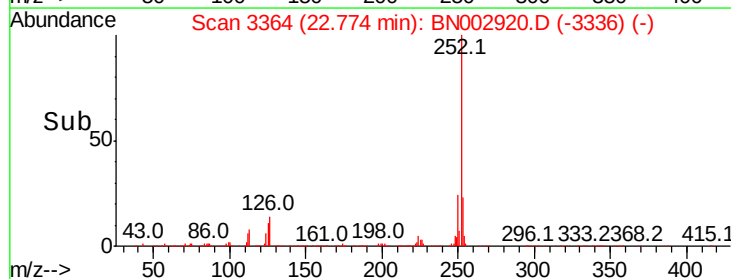
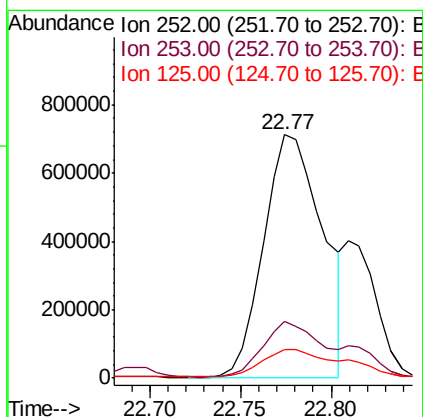
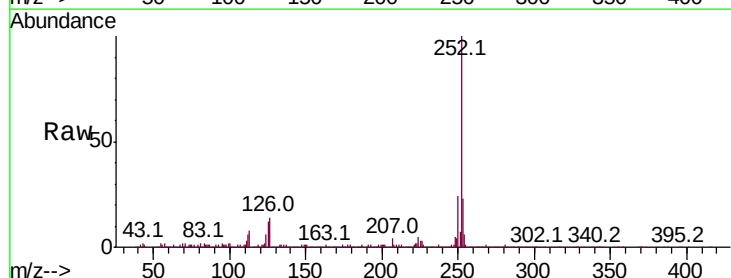
Instrument :
BNA_N
ClientSampled :

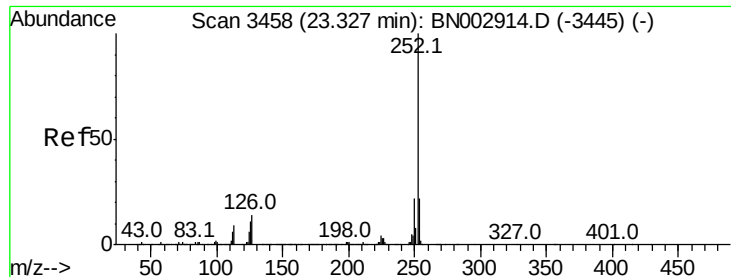
Tot Ion:252 Resp: 1615388
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 11.9 8.0 12.0



#88
Benzo(k)fluoranthene
Concen: 46.465 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Tgt Ion:252 Resp: 1615388
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 11.9 8.3 12.5

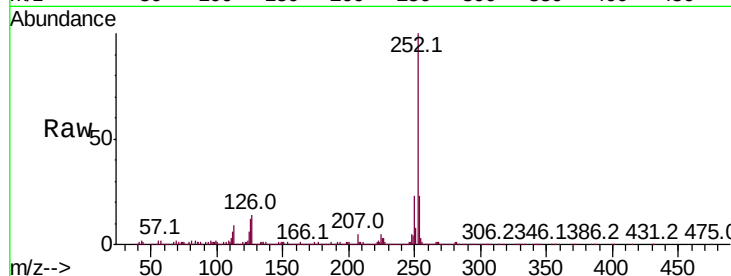




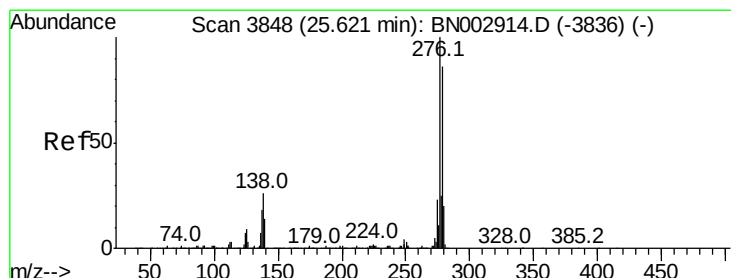
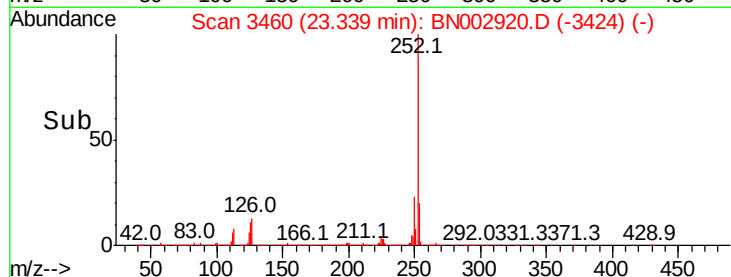
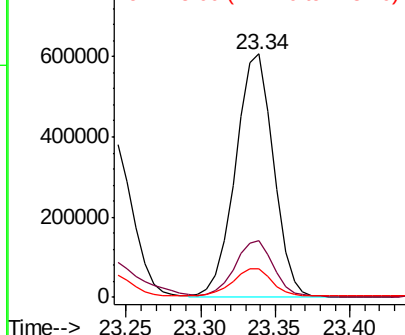
#90
Benzo(a)pyrene
Concen: 30.340 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 1068867
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 11.7 8.8 13.2

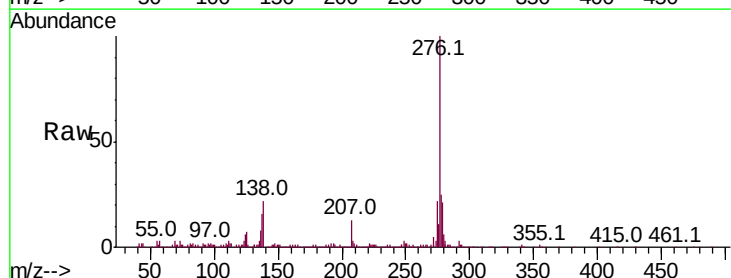


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

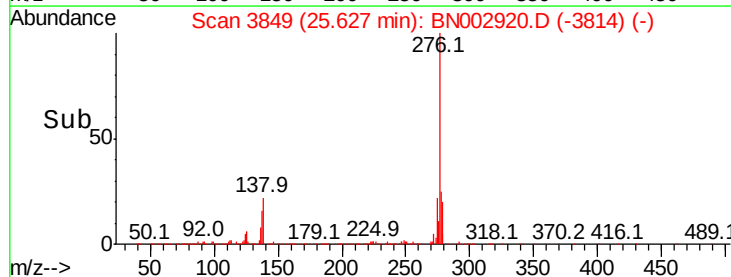
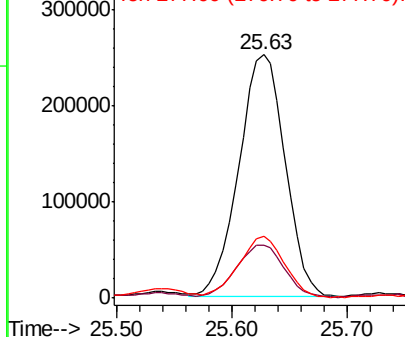


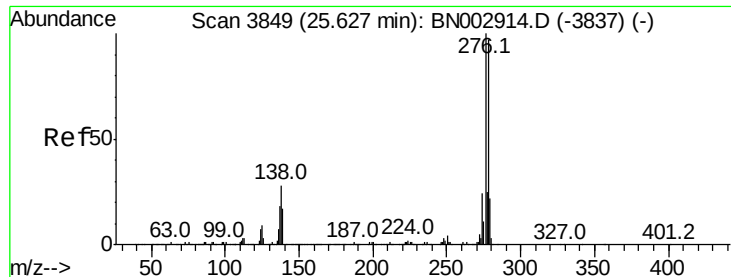
#91
Indeno(1,2,3-cd)pyrene
Concen: 16.829 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BN002920.D
Acq: 04 Oct 2018 02:39

Tgt Ion:276 Resp: 701909
Ion Ratio Lower Upper
276 100
138 21.7 20.2 30.4
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.031 ng/ul

RT: 25.54 min Scan# 3834

Delta R.T. -0.09 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

Instrument :

BNA_N

ClientSampled :

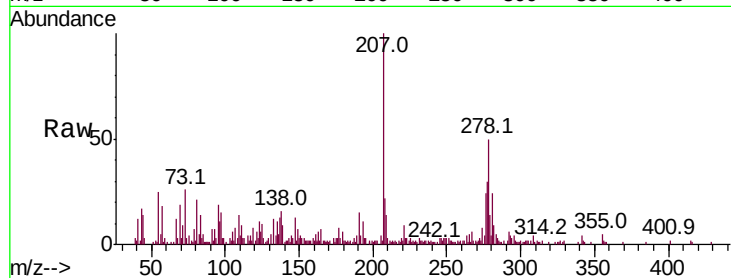
Tot Ion:278 Resp: 36223

Ion Ratio Lower Upper

278 100

139 17.8 12.7 19.1

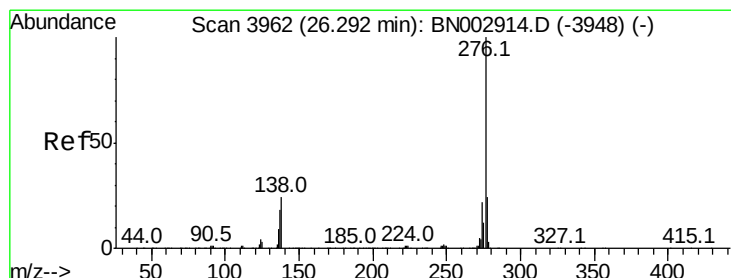
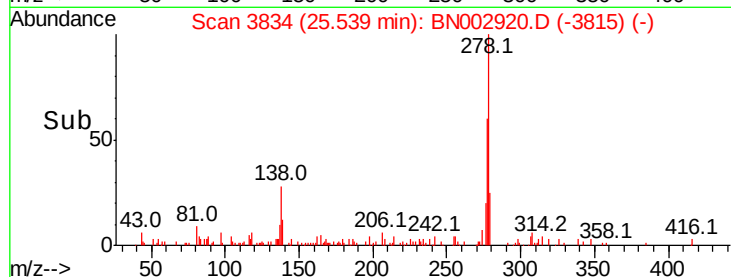
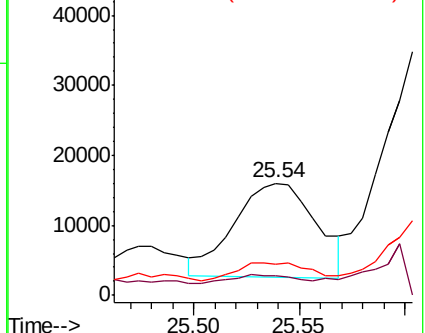
279 27.6 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 19.609 ng/ul

RT: 26.30 min Scan# 3963

Delta R.T. 0.01 min

Lab File: BN002920.D

Acq: 04 Oct 2018 02:39

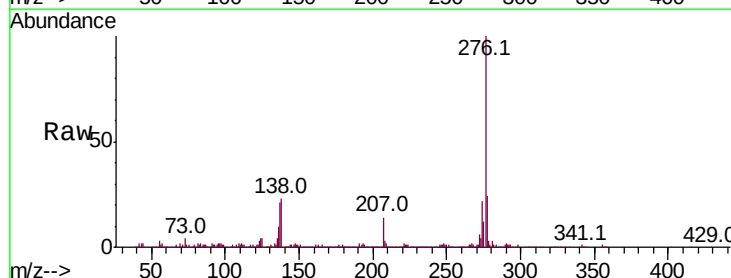
Tgt Ion:276 Resp: 683692

Ion Ratio Lower Upper

276 100

138 22.7 18.2 27.2

277 24.2 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

