

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
 Data File : BN008018.D
 Acq On : 04 Oct 2019 23:57
 Operator : JU
 Sample : K5078-12RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 01:26:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25783	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	97667	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	52960	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	90650	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	114321	0.40	ng	0.00
34) Perylene-d12	23.48	264	143166	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	21074	0.24	ng	0.00
5) Phenol-d6	6.89	99	27962	0.25	ng	0.02
8) Nitrobenzene-d5	8.82	82	23797	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	44249	0.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	7285	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	59281	0.27	ng	-0.02
25) Fluoranthene-d10	19.09	212	88232	0.29	ng	-0.01
29) Terphenyl-d14	19.70	244	71234	0.25	ng	-0.02

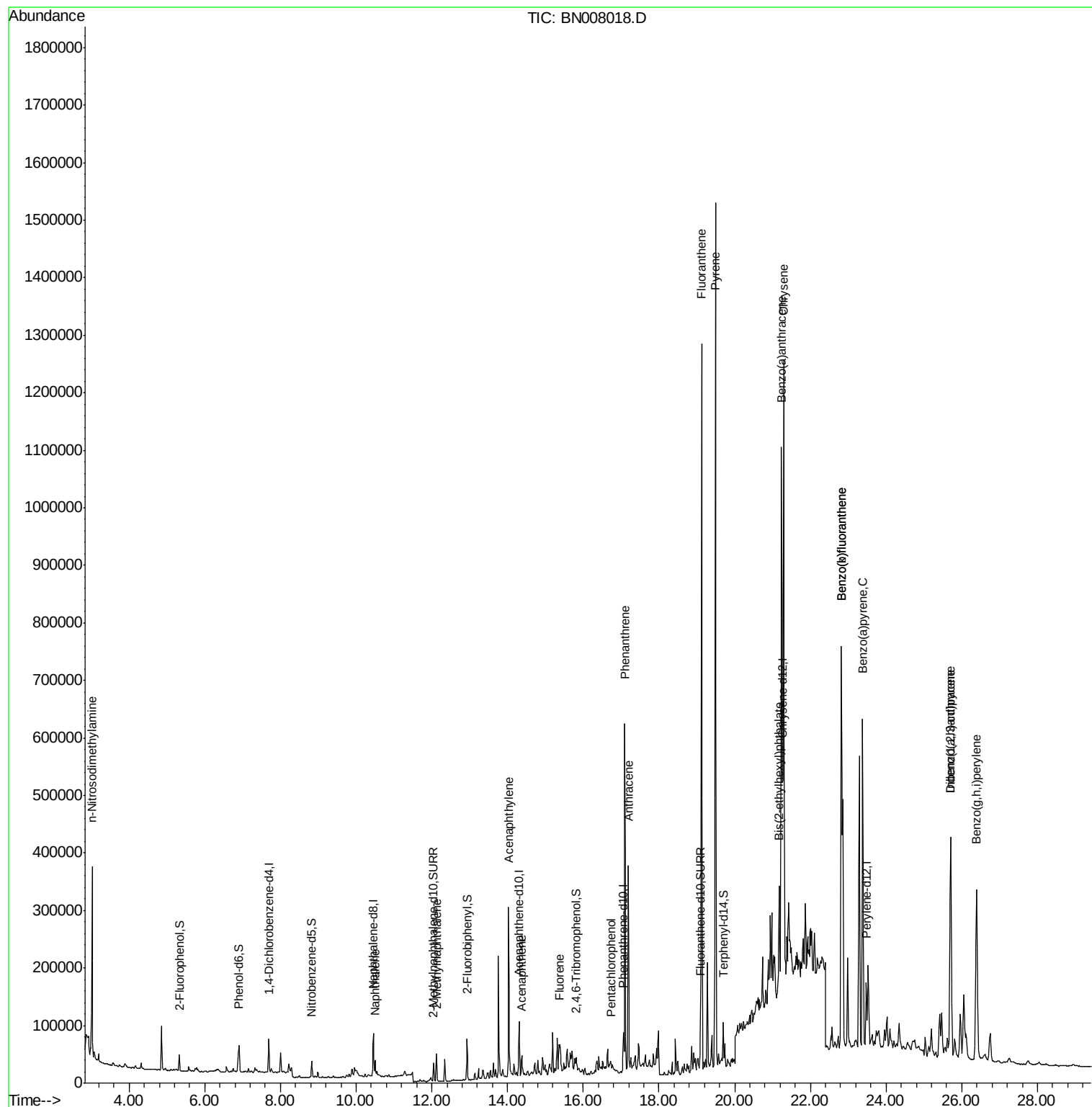
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.02	42	28116	2.136	ng	# 48
9) Naphthalene	10.51	128	36251	0.132	ng	97
12) 2-Methylnaphthalene	12.12	142	33965	0.183	ng	98
16) Acenaphthylene	14.03	152	363822	1.295	ng	99
17) Acenaphthene	14.38	154	20882	0.115	ng	98
18) Fluorene	15.37	166	54375	0.234	ng	# 12
22) Pentachlorophenol	16.73	266	701	0.032	ng	# 87
23) Phenanthrene	17.10	178	595159	2.108	ng	99
24) Anthracene	17.19	178	375973	1.474	ng	99
26) Fluoranthene	19.13	202	1136740	3.237	ng	98
28) Pyrene	19.49	202	1351610	3.467	ng	# 96
30) Benzo(a)anthracene	21.24	228	746286	1.773	ng	92
31) Chrysene	21.29	228	939844	2.291	ng	97
32) Bis(2-ethylhexyl)phthalate	21.18	149	126222	0.583	ng	99
33) Indeno(1,2,3-cd)pyrene	25.71	276	603415	1.175	ng	# 96
35) Benzo(b)fluoranthene	22.82	252	1130549	2.275	ng	# 96
36) Benzo(k)fluoranthene	22.82	252	1130549	2.300	ng	# 96
37) Benzo(a)pyrene	23.38	252	790804	1.693	ng	97
38) Dibenzo(a,h)anthracene	25.71	278	178437	0.373	ng	# 77
39) Benzo(g,h,i)perylene	26.39	276	648463	1.371	ng	98

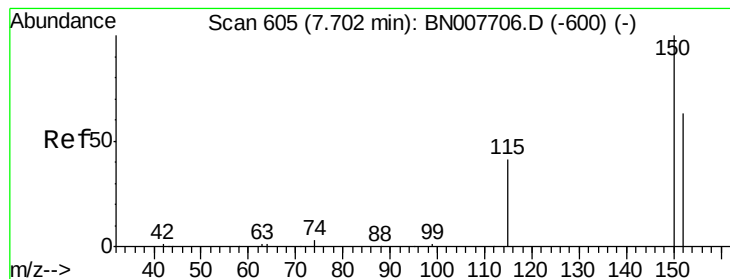
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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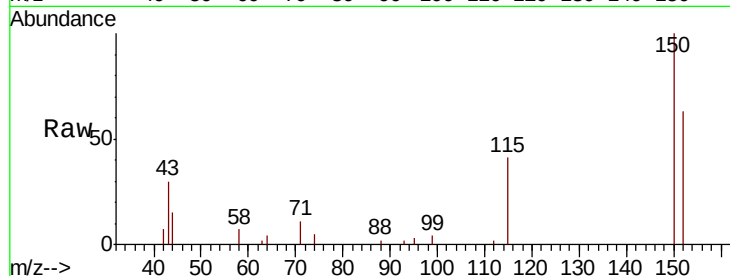


#1

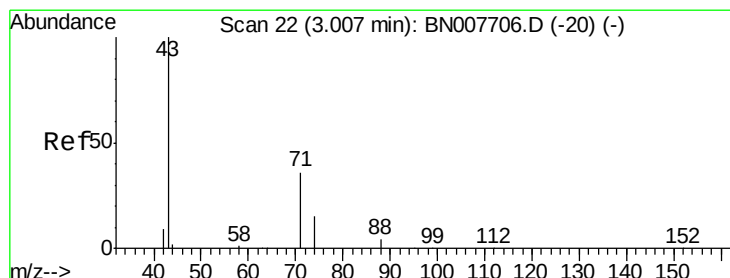
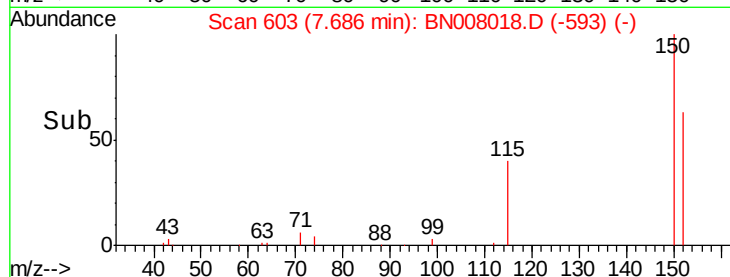
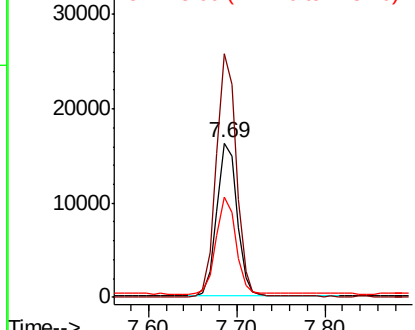
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008018.D
Acq: 04 Oct 2019 23:57

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 25783
Ion Ratio Lower Upper
152 100
150 157.6 125.6 188.4
115 65.2 53.3 79.9



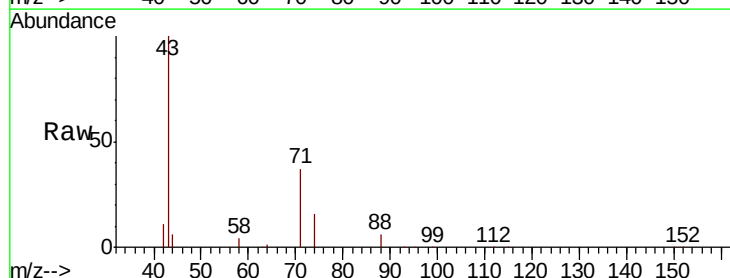
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



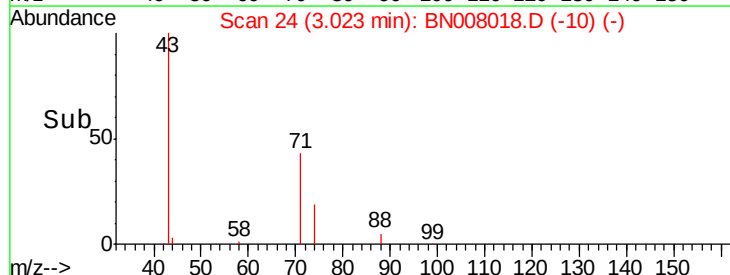
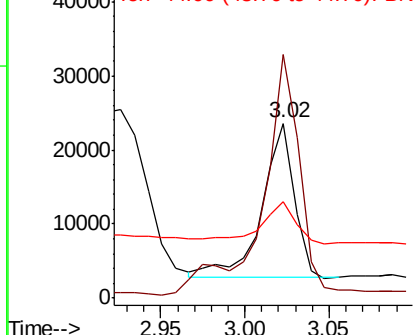
#3

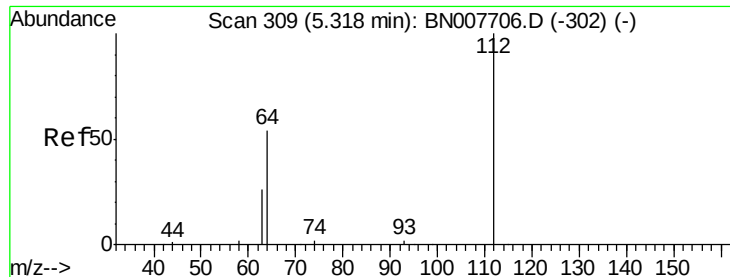
n-Nitrosodimethylamine
Concen: 2.136 ng
RT: 3.02 min Scan# 24
Delta R.T. 0.02 min
Lab File: BN008018.D
Acq: 04 Oct 2019 23:57

Tgt Ion: 42 Resp: 28116
Ion Ratio Lower Upper
42 100
74 178.2 87.9 131.9#
44 28.5 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.237 ng

RT: 5.33 min Scan# 310

Delta R.T. 0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampled :

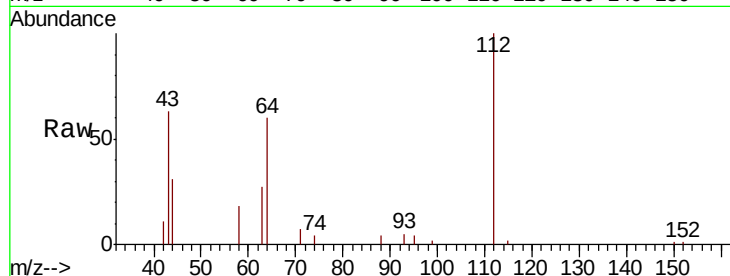
Tot Ion: 112 Resp: 21074

Ion Ratio Lower Upper

112 100

64 57.6 46.6 70.0

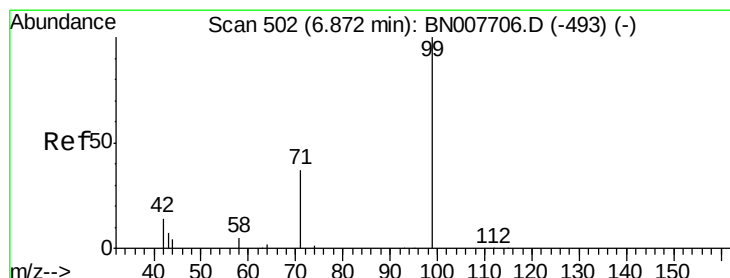
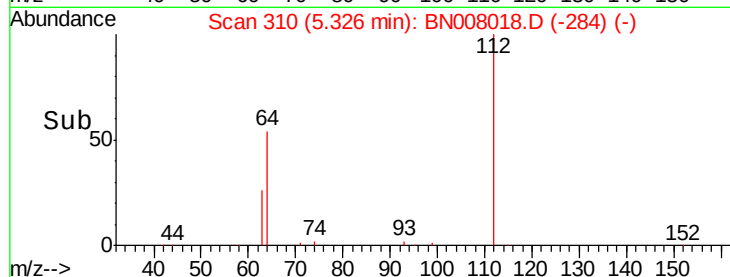
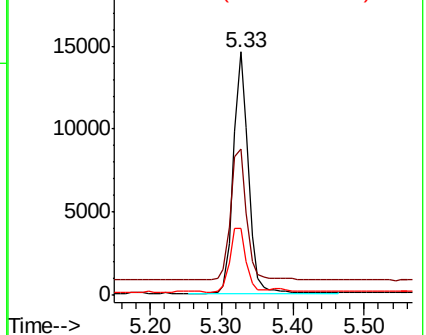
63 28.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.250 ng

RT: 6.89 min Scan# 504

Delta R.T. 0.02 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

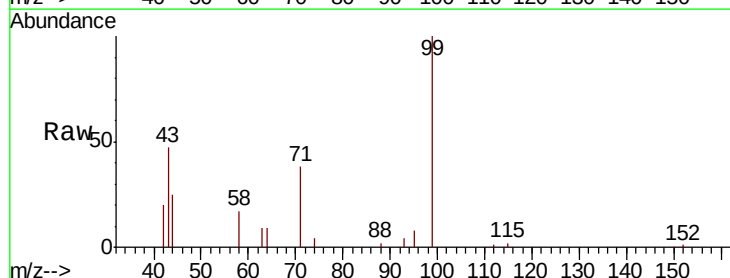
Tgt Ion: 99 Resp: 27962

Ion Ratio Lower Upper

99 100

42 23.5 12.8 19.2#

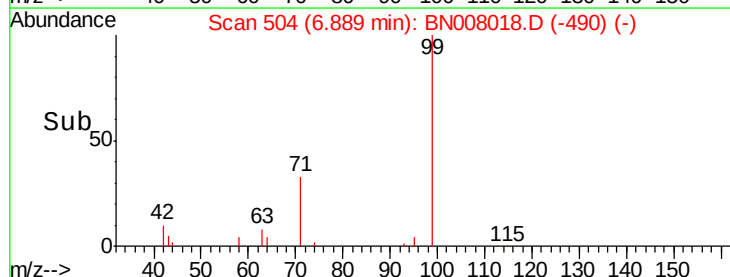
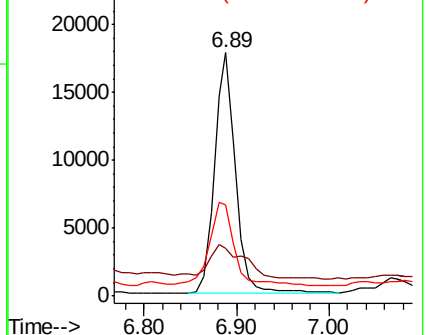
71 42.5 27.6 41.4#

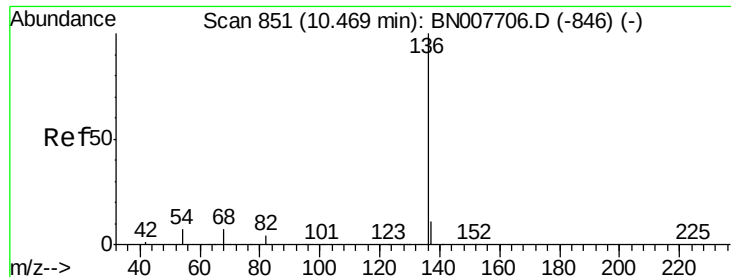


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 97667

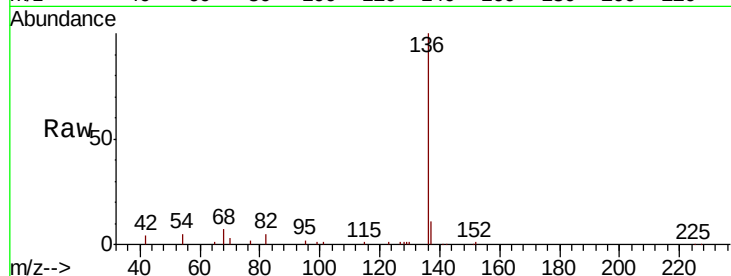
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.5 5.8 8.8#

68 6.6 6.5 9.7

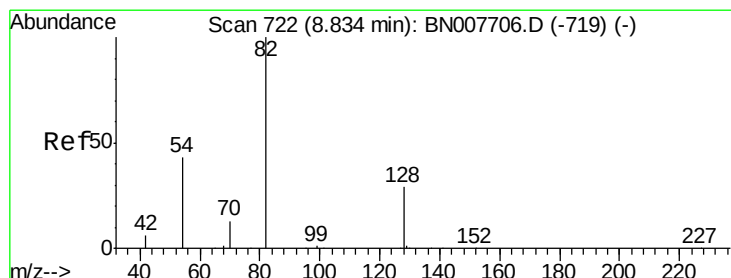
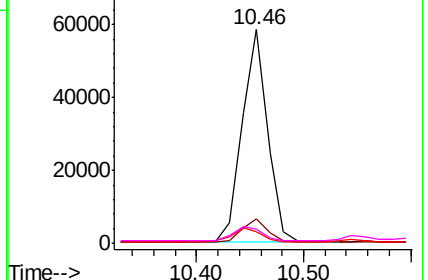
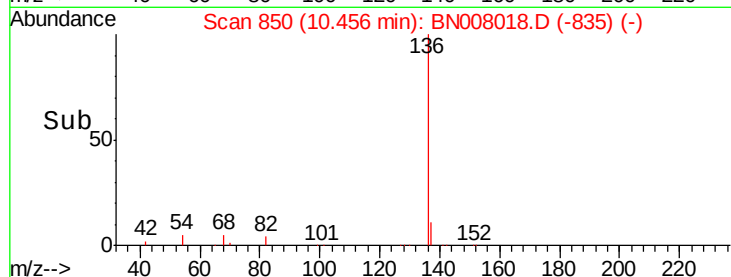


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.279 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

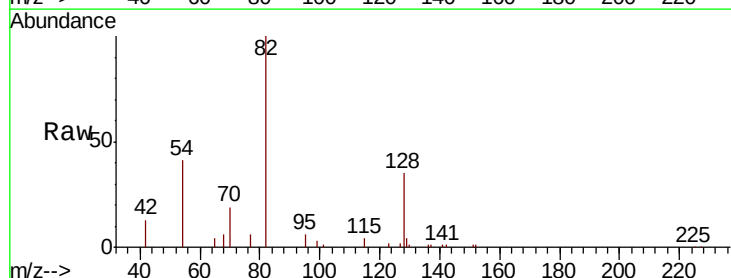
Tgt Ion: 82 Resp: 23797

Ion Ratio Lower Upper

82 100

128 34.5 24.5 36.7

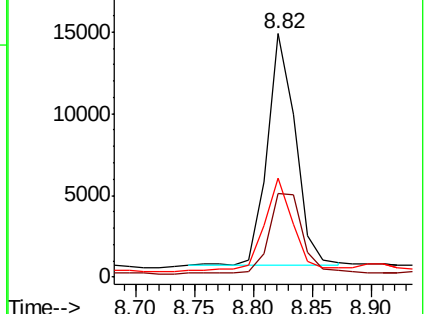
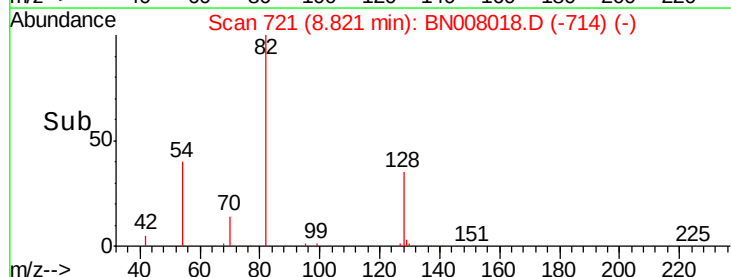
54 40.7 35.2 52.8

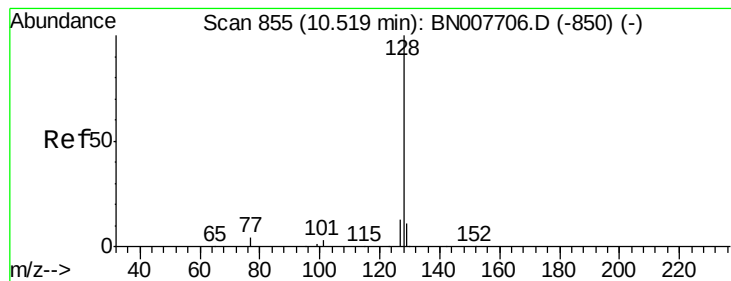


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.132 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampleId :

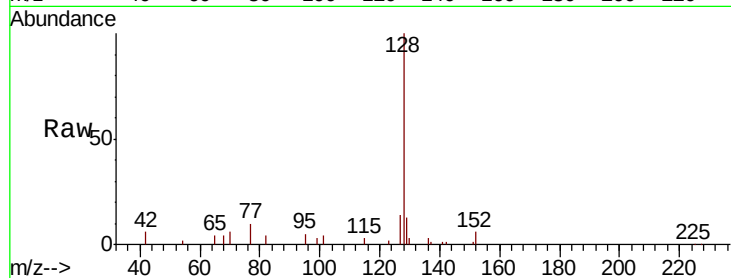
Tot Ion:128 Resp: 36251

Ion Ratio Lower Upper

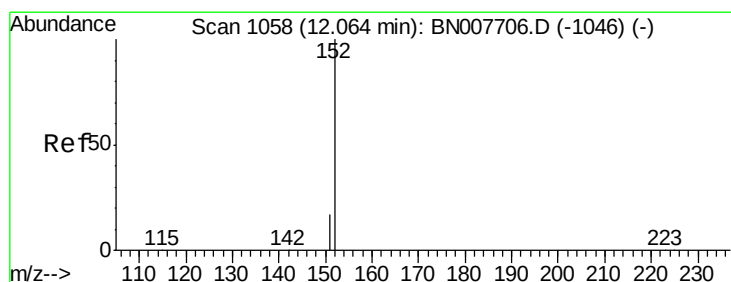
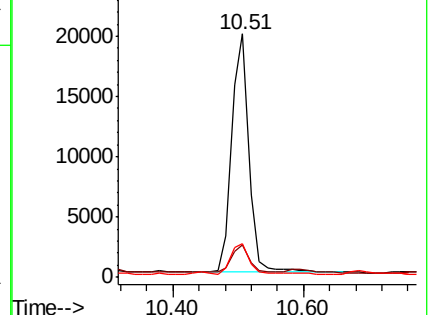
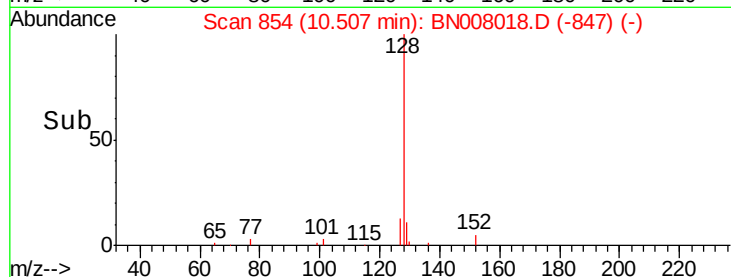
128 100

129 13.2 9.1 13.7

127 14.1 10.6 15.8



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



#11

2-Methylnaphthalene-d10

Concen: 0.269 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BN008018.D

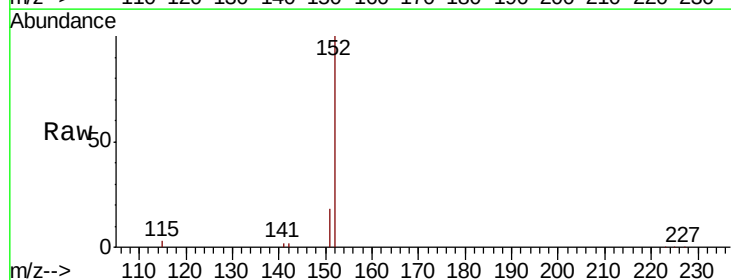
Acq: 04 Oct 2019 23:57

Tgt Ion:152 Resp: 44249

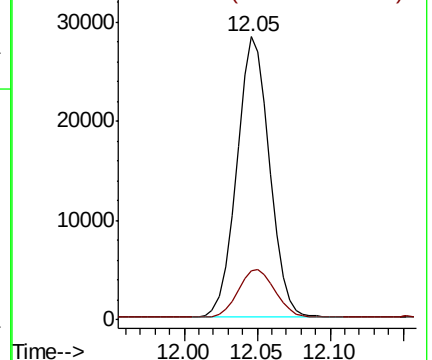
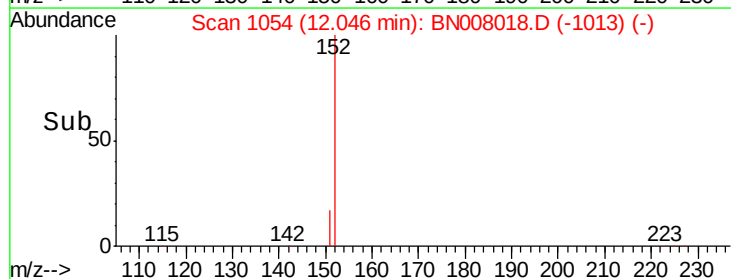
Ion Ratio Lower Upper

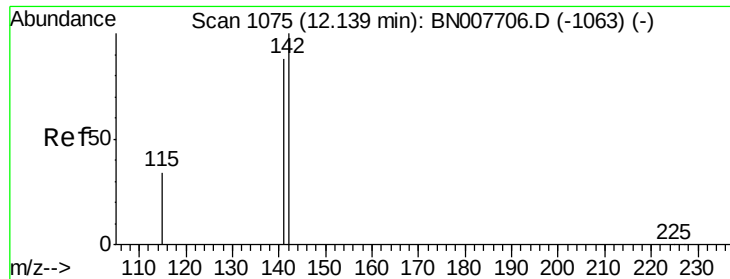
152 100

151 19.2 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.183 ng

RT: 12.12 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampleId :

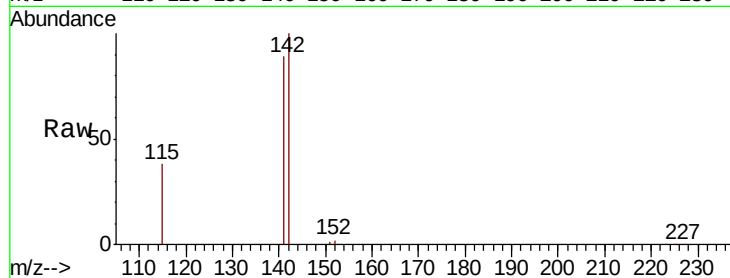
Tot Ion:142 Resp: 33965

Ion Ratio Lower Upper

142 100

141 89.1 70.6 106.0

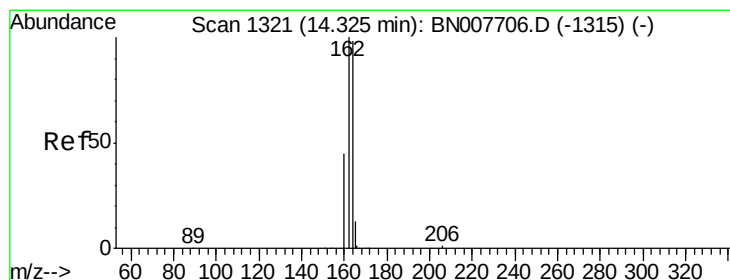
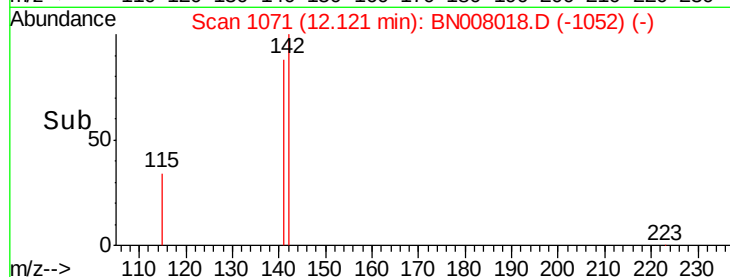
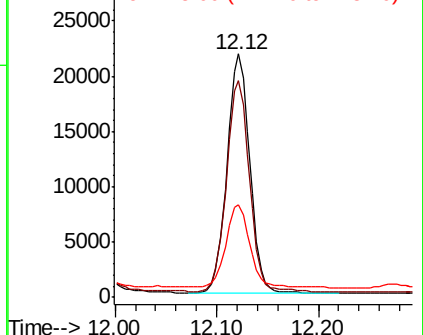
115 38.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

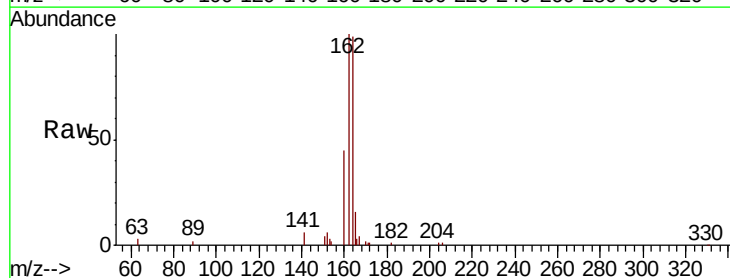
Tgt Ion:164 Resp: 52960

Ion Ratio Lower Upper

164 100

162 101.5 81.7 122.5

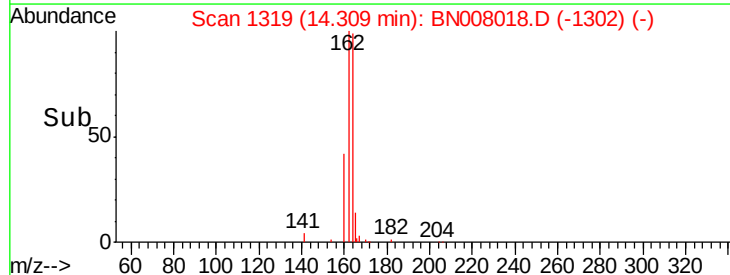
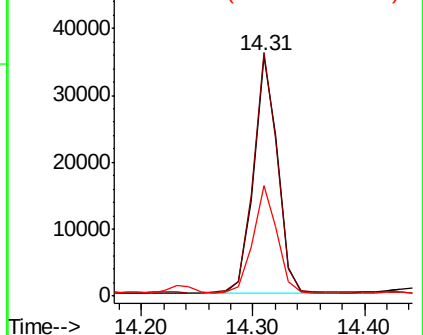
160 46.2 37.0 55.4

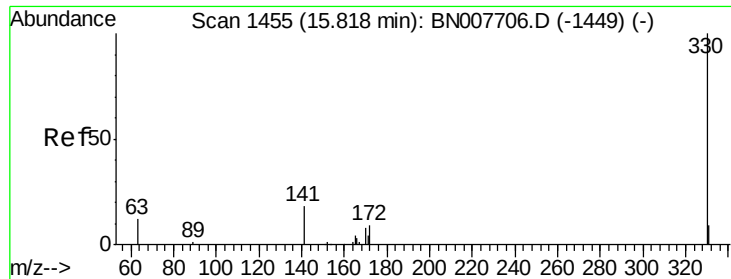


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

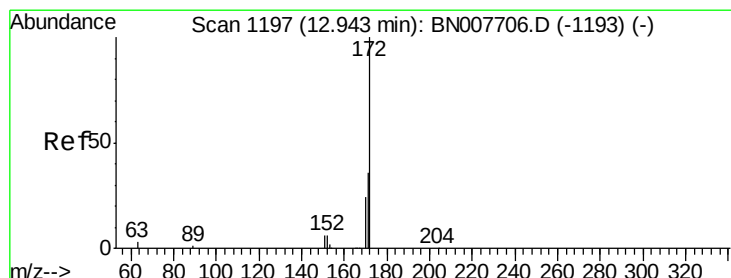
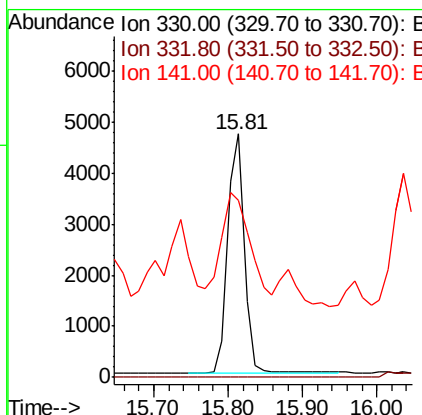
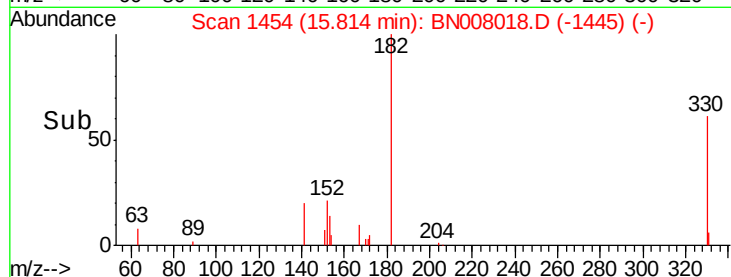
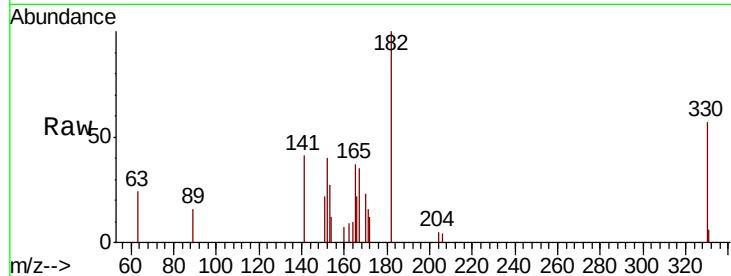




#14
 2,4,6-Tribromophenol
 Concen: 0.253 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BN008018.D
 Acq: 04 Oct 2019 23:57

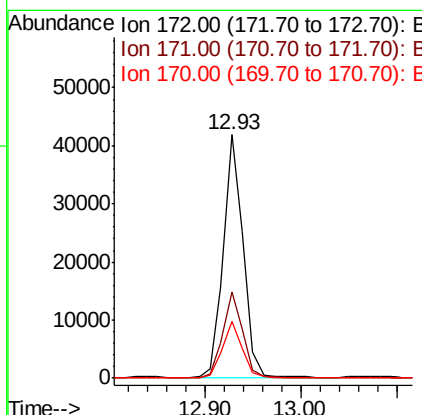
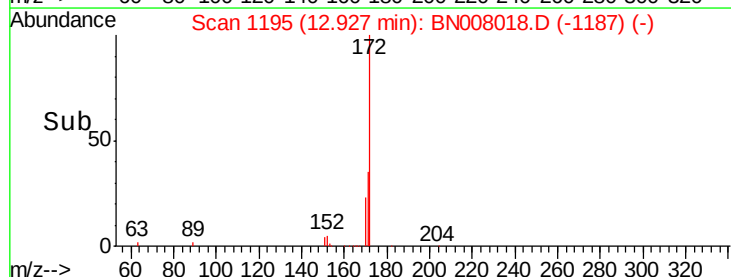
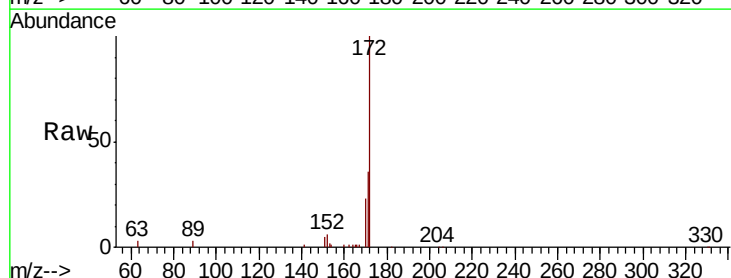
Instrument :
 BNA_N
 ClientSampleId :

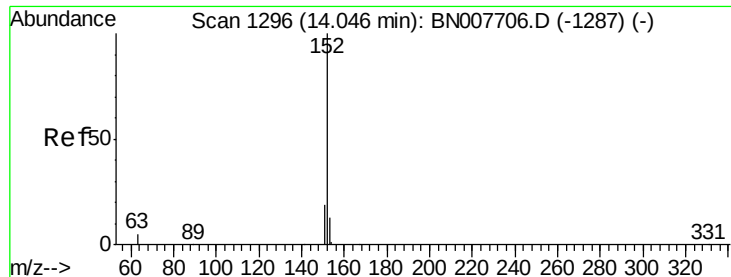
Tot Ion:330 Resp: 7285
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 69.8 28.7 43.1#



#15
 2-Fluorobiphenyl
 Concen: 0.272 ng
 RT: 12.93 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BN008018.D
 Acq: 04 Oct 2019 23:57

Tgt Ion:172 Resp: 59281
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 23.3 19.5 29.3





#16

Acenaphthylene

Concen: 1.295 ng

RT: 14.03 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampled :

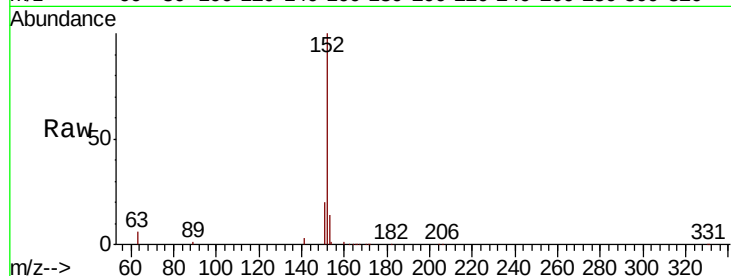
Tot Ion:152 Resp: 363822

Ion Ratio Lower Upper

152 100

151 19.9 15.5 23.3

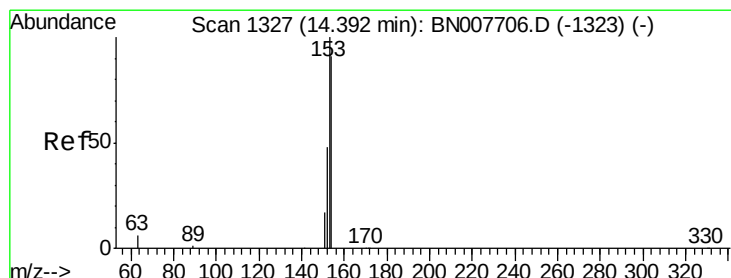
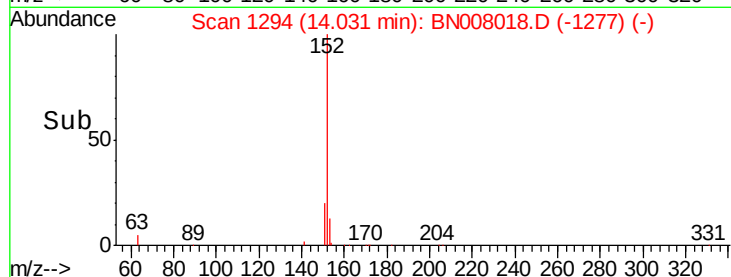
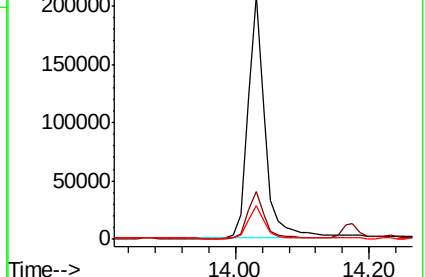
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.115 ng

RT: 14.38 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

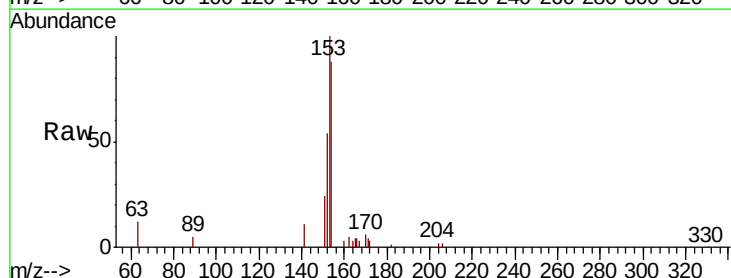
Tgt Ion:154 Resp: 20882

Ion Ratio Lower Upper

154 100

153 110.9 87.0 130.4

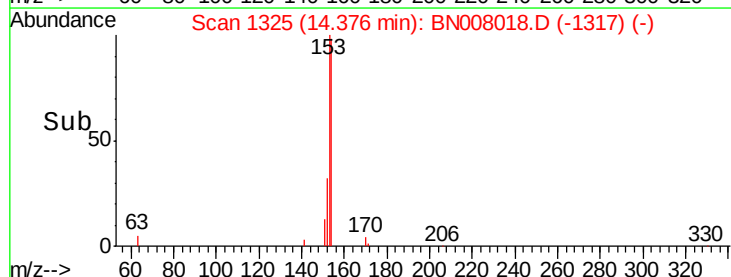
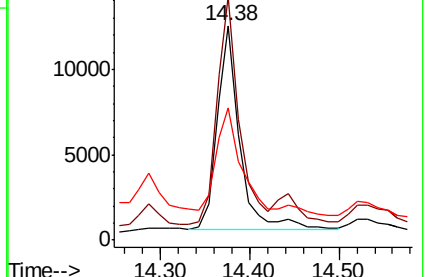
152 52.0 42.7 64.1

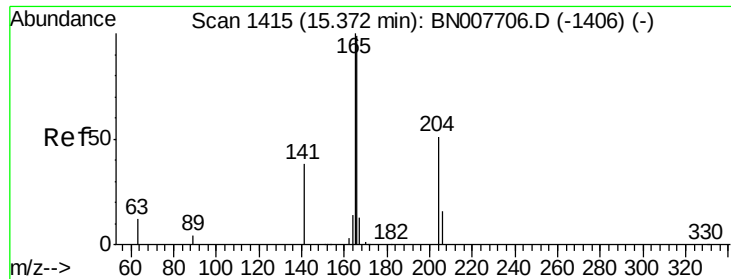


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

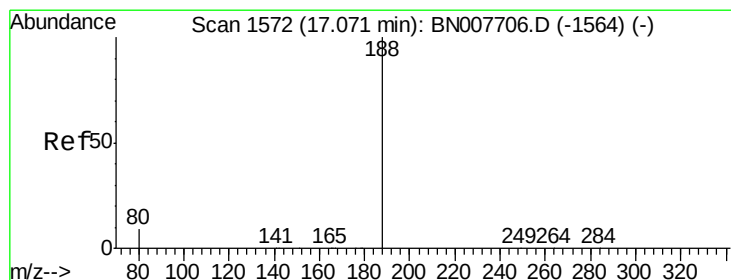
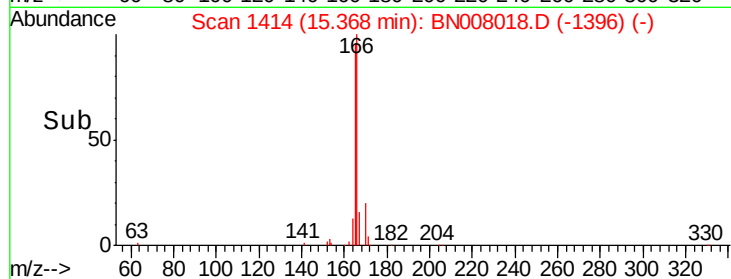
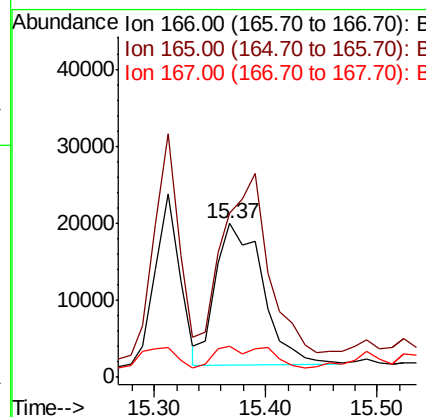
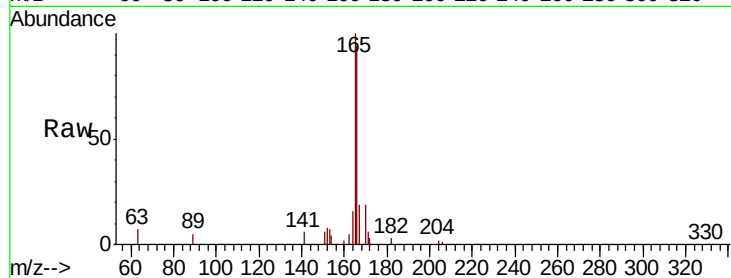




#18
 Fluorene
 Concen: 0.234 ng
 RT: 15.37 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BN008018.D
 Acq: 04 Oct 2019 23:57

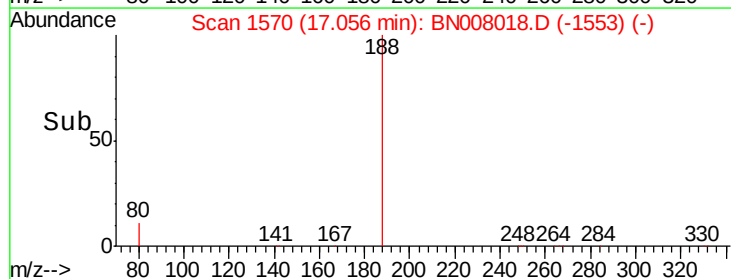
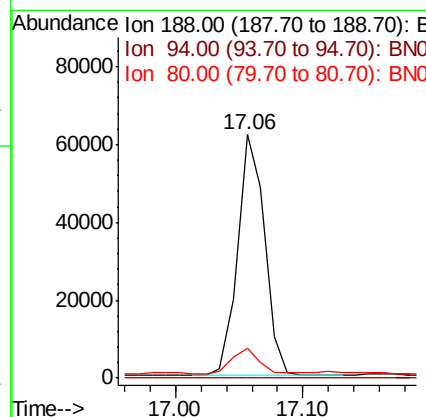
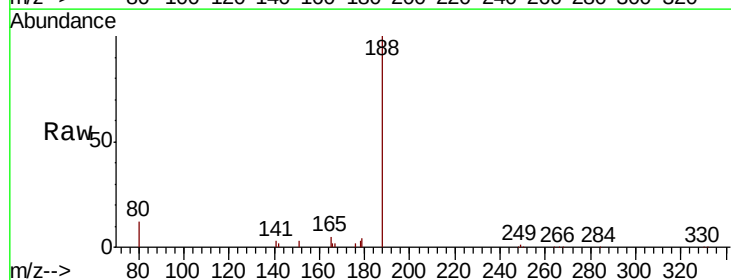
Instrument :
 BNA_N
 ClientSampleId :

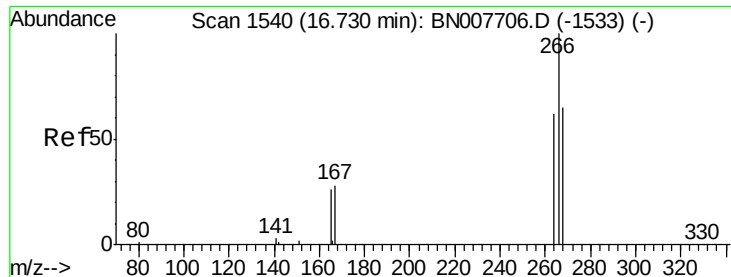
Tot Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.0	117.0#
167	18.2	10.9	16.3#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.06 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BN008018.D
 Acq: 04 Oct 2019 23:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	7.4	11.2#





#22

Pentachlorophenol

Concen: 0.032 ng

RT: 16.73 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampleId :

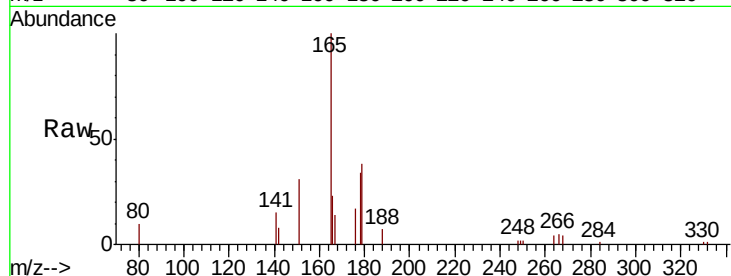
Tot Ion:266 Resp: 701

Ion Ratio Lower Upper

266 100

264 75.5 50.0 75.0#

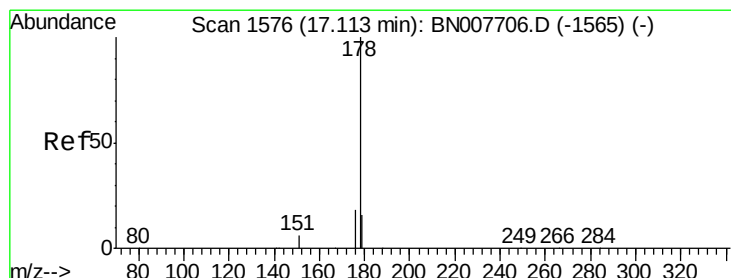
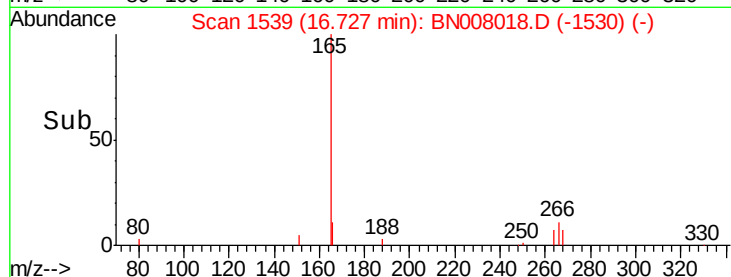
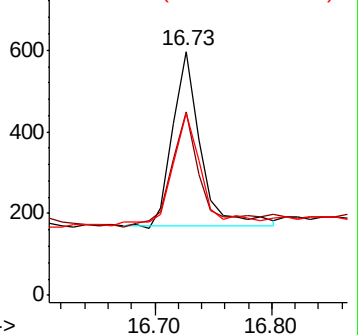
268 75.0 54.2 81.4



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 2.108 ng

RT: 17.10 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

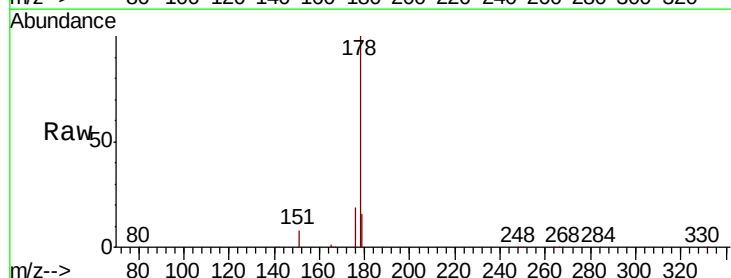
Tgt Ion:178 Resp: 595159

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

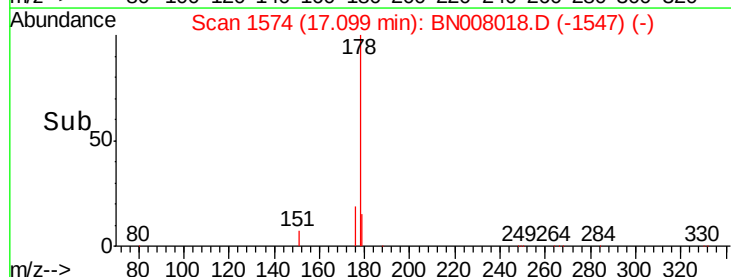
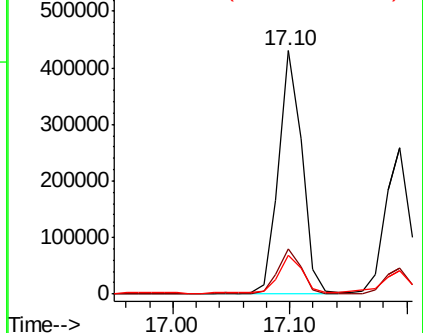
179 16.1 12.5 18.7

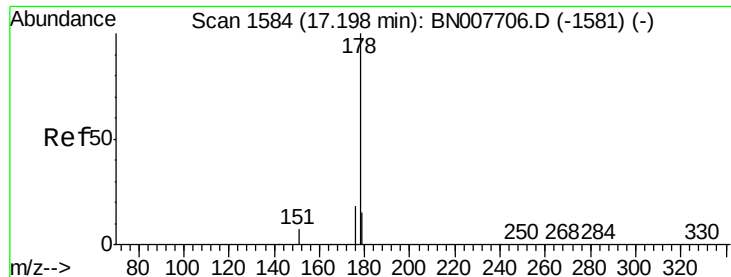


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 1.474 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampled :

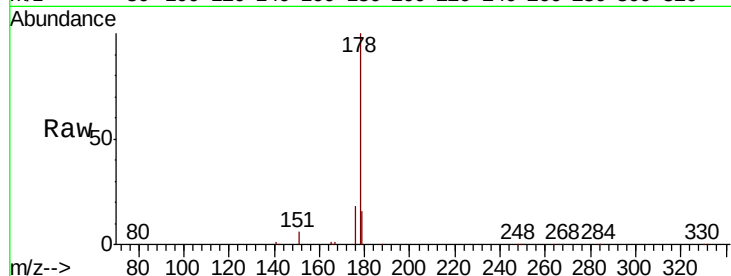
Tot Ion:178 Resp: 375973

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

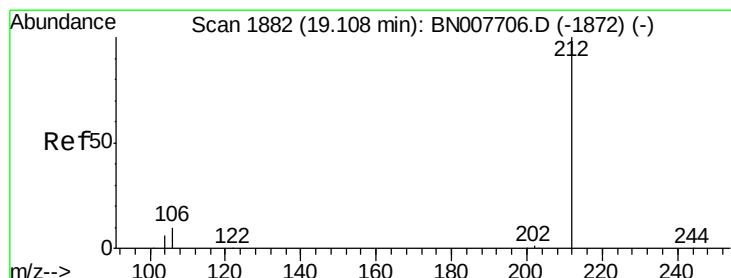
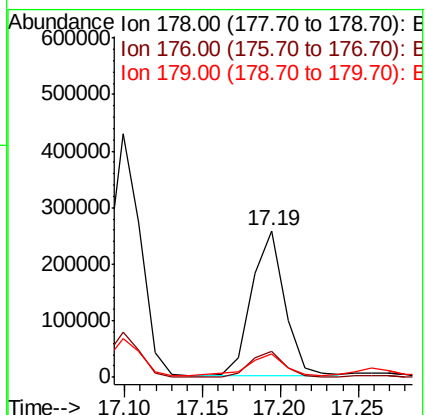
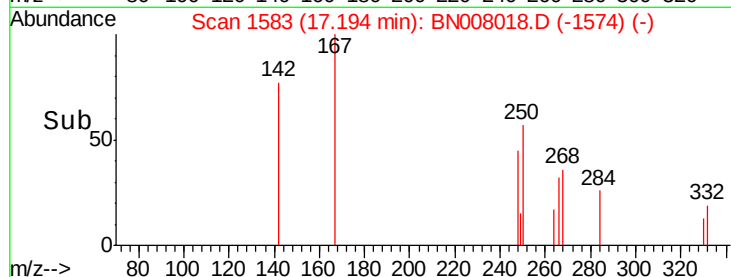
179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.289 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

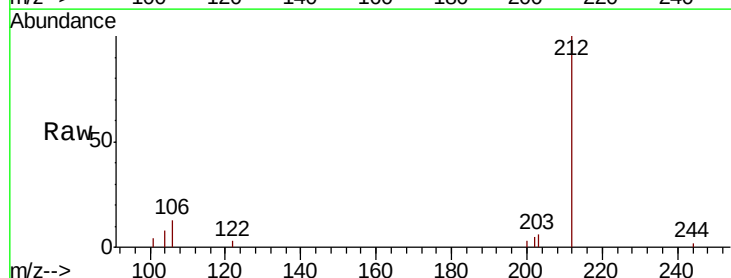
Tgt Ion:212 Resp: 88232

Ion Ratio Lower Upper

212 100

106 10.3 9.4 14.0

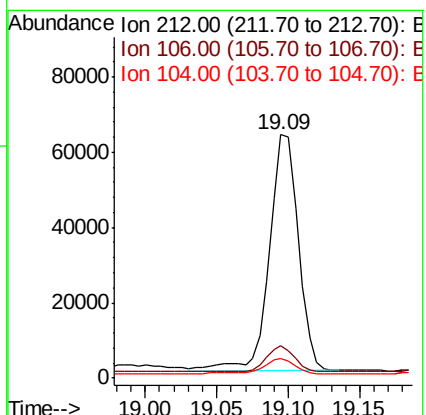
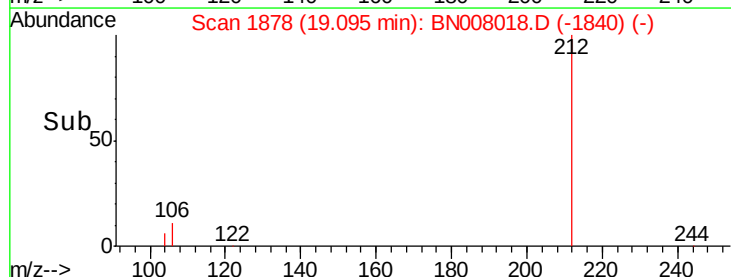
104 6.5 5.3 7.9

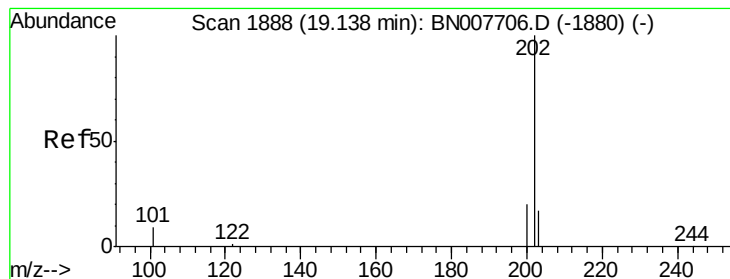


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 3.237 ng

RT: 19.13 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

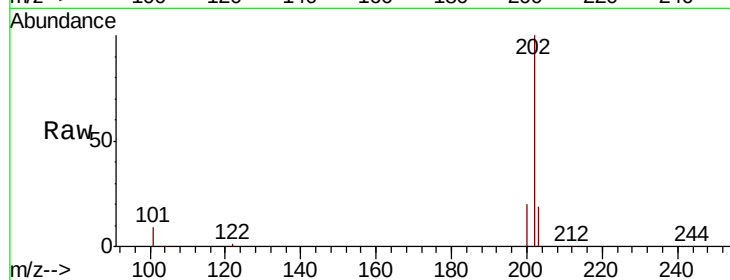
Instrument :

BNA_N

ClientSampled :

Tot Ion:202 Resp: 1136740

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.4	12.6
203	18.0	13.8	20.8

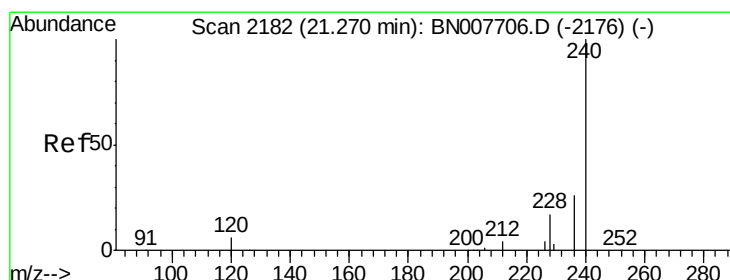
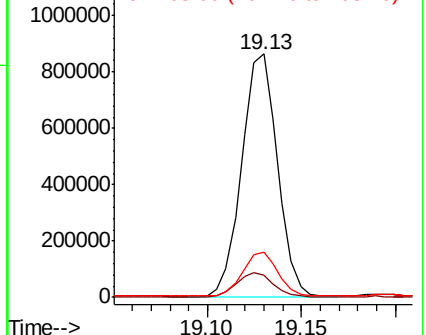
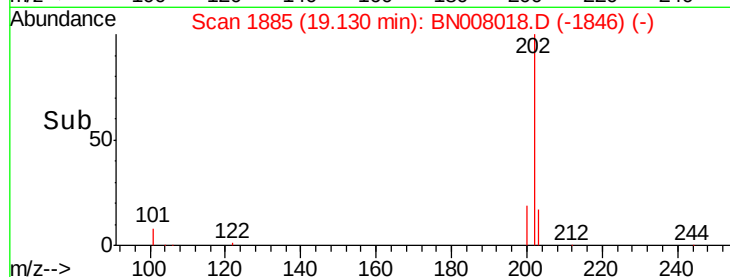


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2180

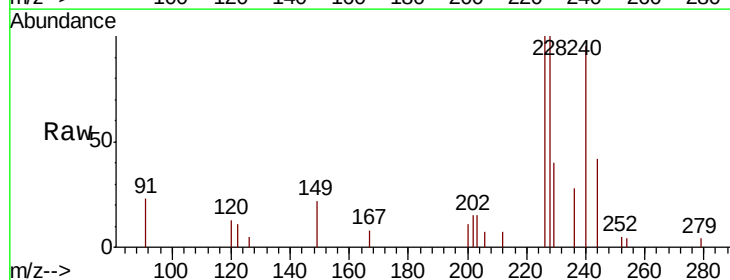
Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Tgt Ion:240 Resp: 114321

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.4	8.2#
236	29.9	21.0	31.4

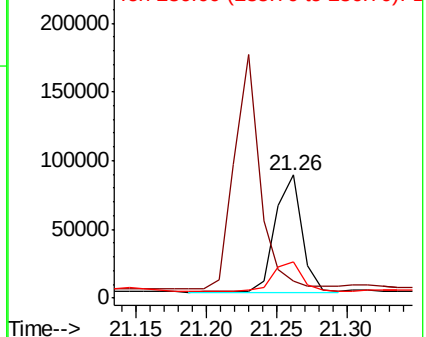
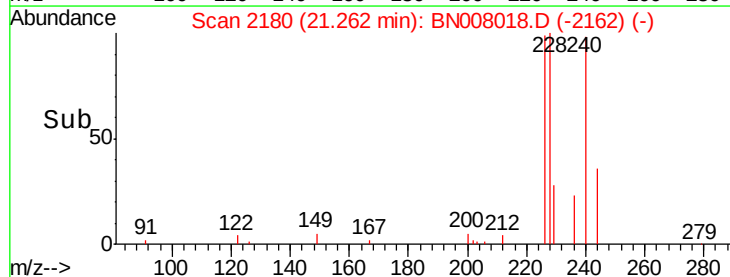


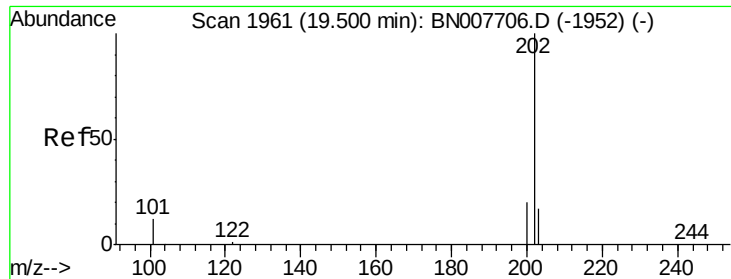
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 3.467 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampleId :

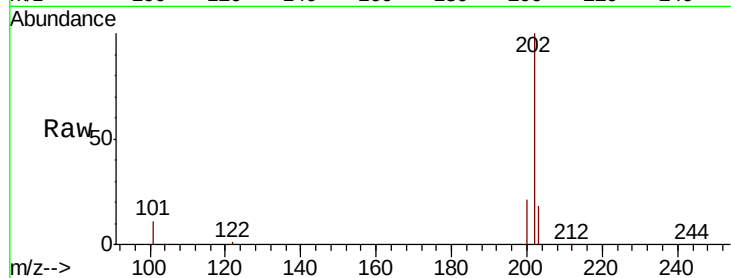
Tot Ion:202 Resp: 1351610

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

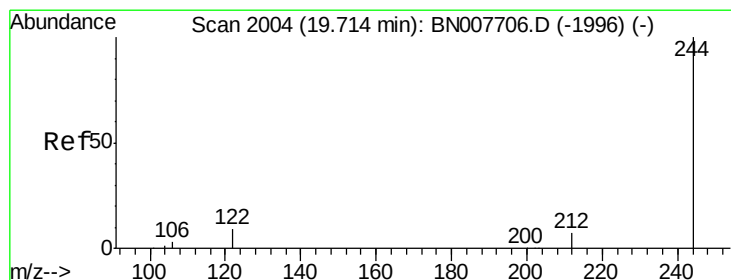
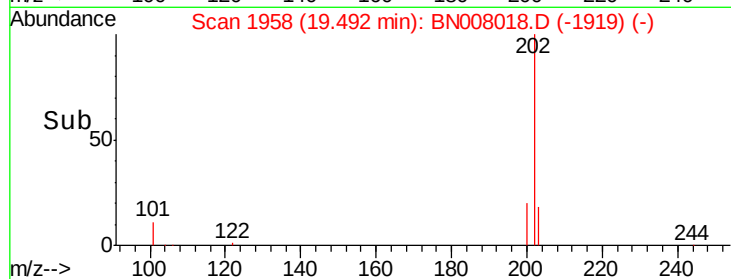
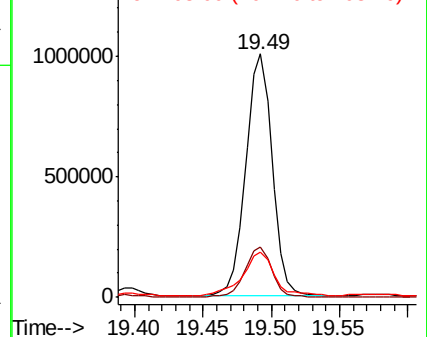
203 21.3 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.254 ng

RT: 19.70 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

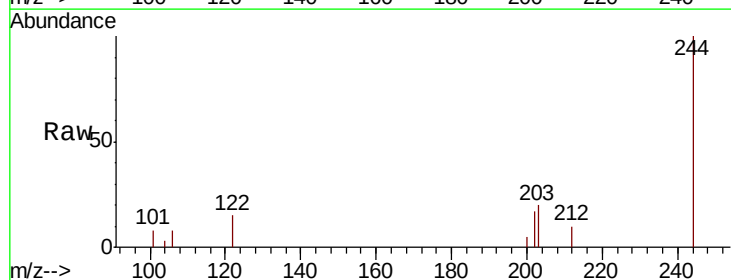
Tgt Ion:244 Resp: 71234

Ion Ratio Lower Upper

244 100

212 9.9 5.9 8.9#

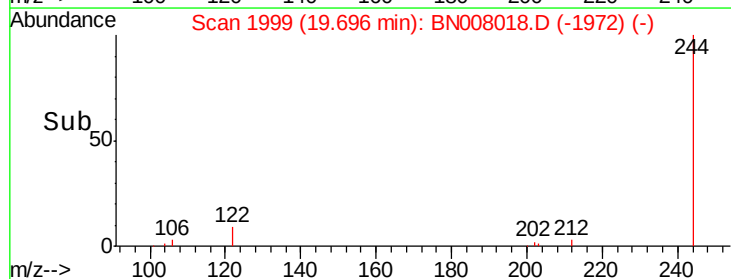
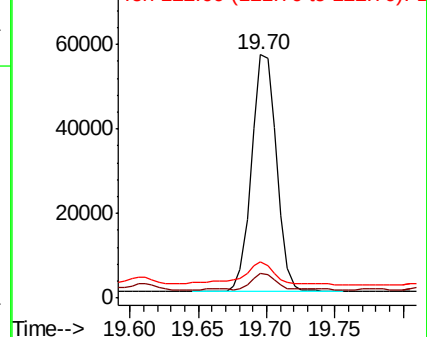
122 14.9 7.4 11.2#

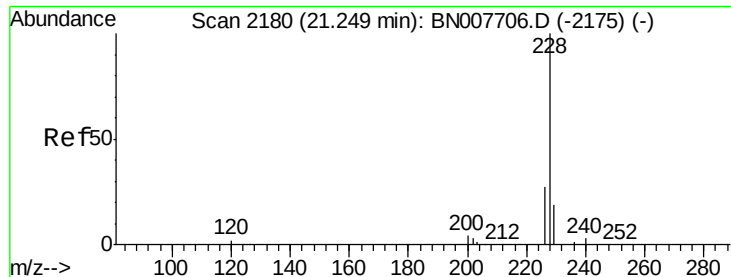


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

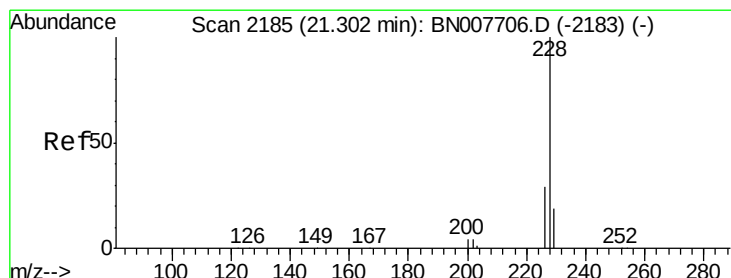
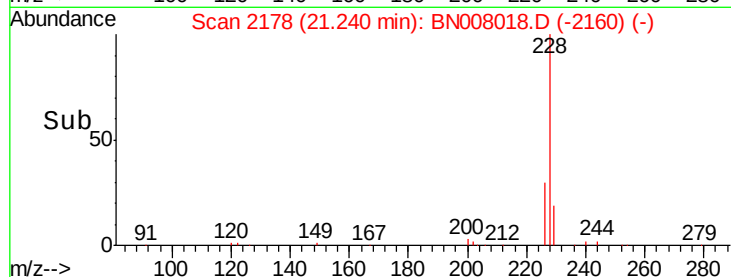
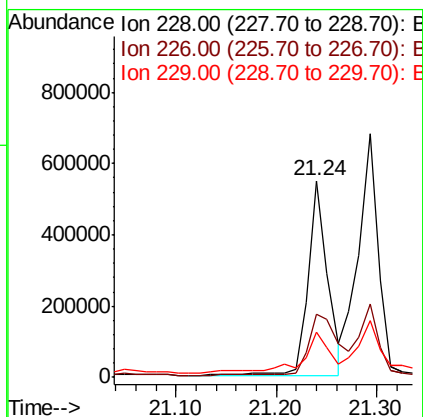
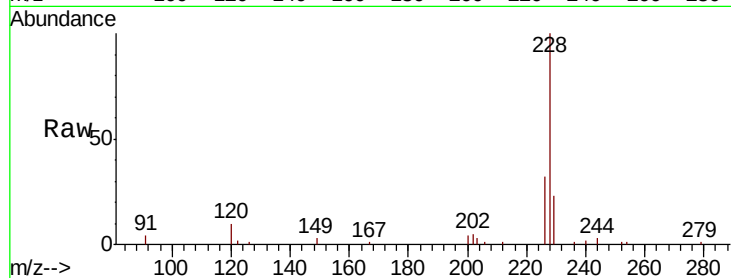




#30
Benzo(a)anthracene
Concen: 1.773 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN008018.D
Acq: 04 Oct 2019 23:57

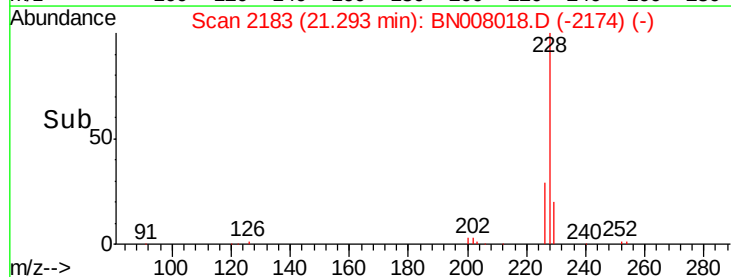
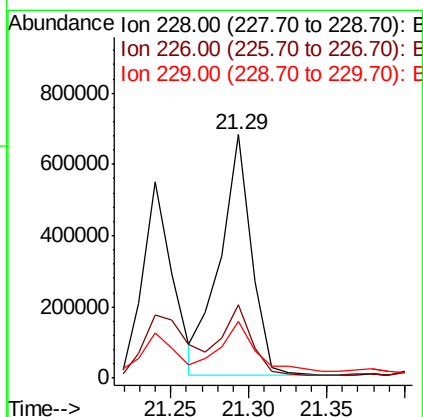
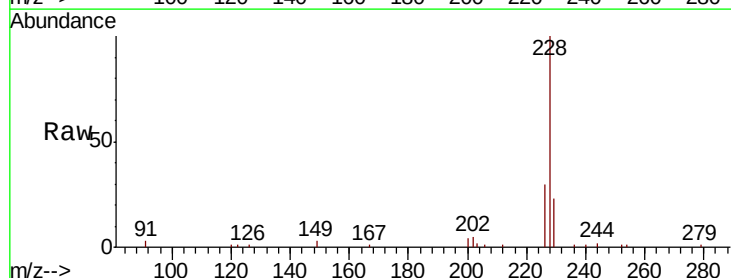
Instrument :
BNA_N
ClientSampled :

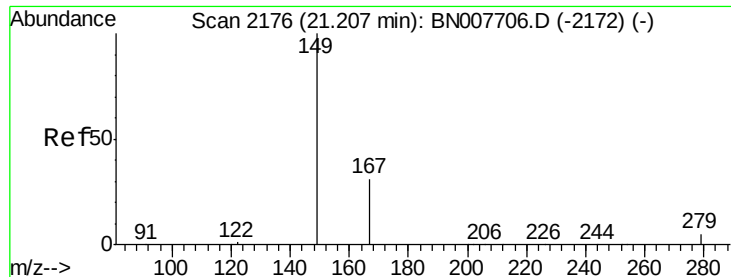
Tot Ion:228 Resp: 746286
Ion Ratio Lower Upper
228 100
226 31.9 22.1 33.1
229 23.0 15.8 23.6



#31
Chrysene
Concen: 2.291 ng
RT: 21.29 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN008018.D
Acq: 04 Oct 2019 23:57

Tgt Ion:228 Resp: 939844
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 23.2 15.8 23.6

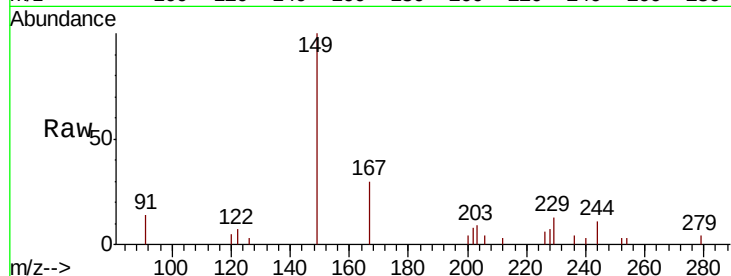




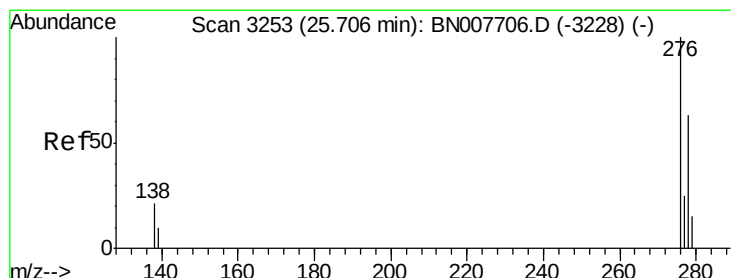
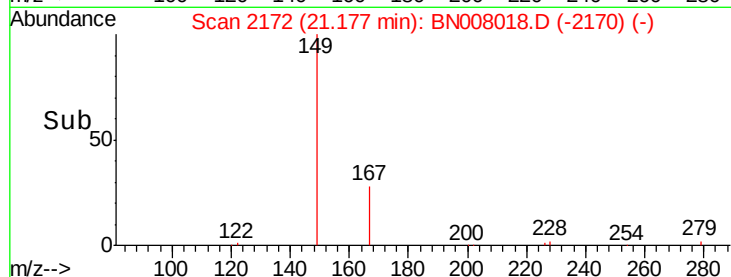
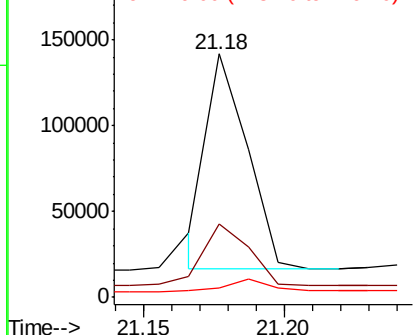
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.583 ng
 RT: 21.18 min Scan# 2172
 Delta R.T. -0.03 min
 Lab File: BN008018.D
 Acq: 04 Oct 2019 23:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 126222
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.7 35.5
 279 6.1 4.2 6.2

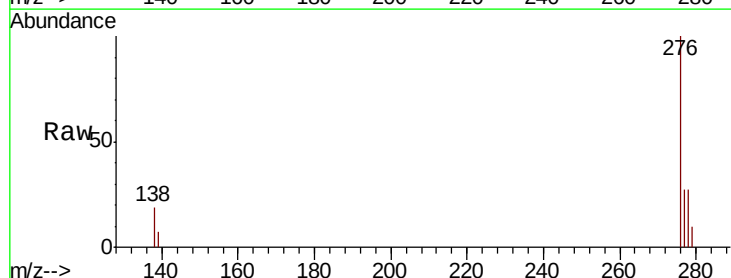


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

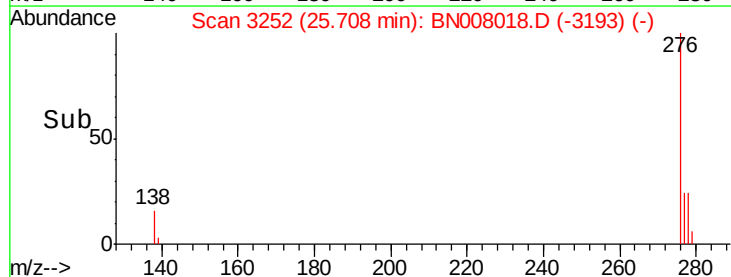
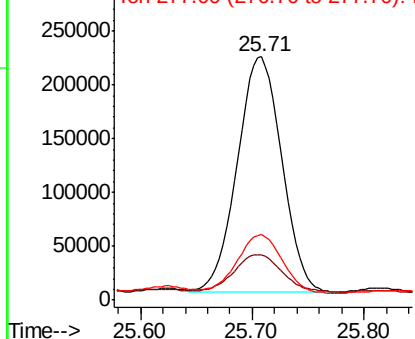


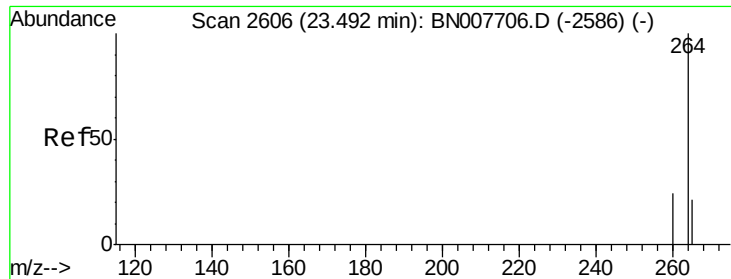
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.175 ng
 RT: 25.71 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BN008018.D
 Acq: 04 Oct 2019 23:57

Tgt Ion:276 Resp: 603415
 Ion Ratio Lower Upper
 276 100
 138 17.0 17.1 25.7#
 277 25.1 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

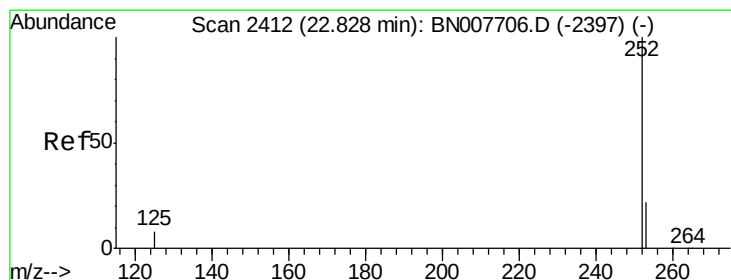
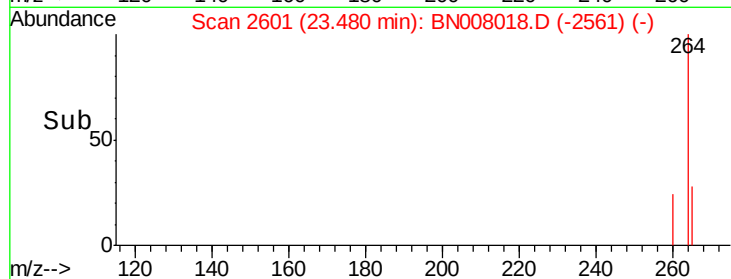
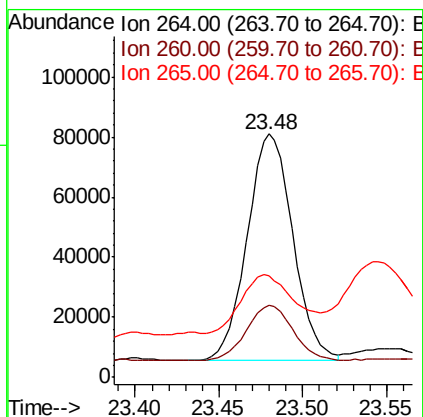
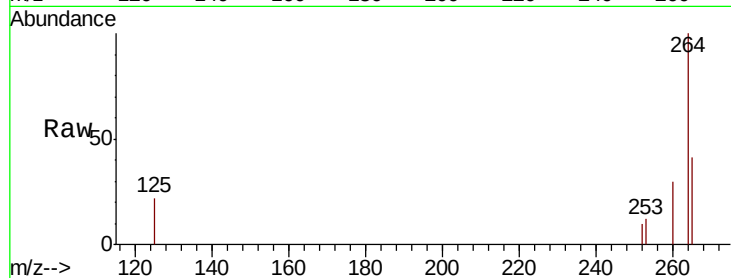




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN008018.D
Acq: 04 Oct 2019 23:57

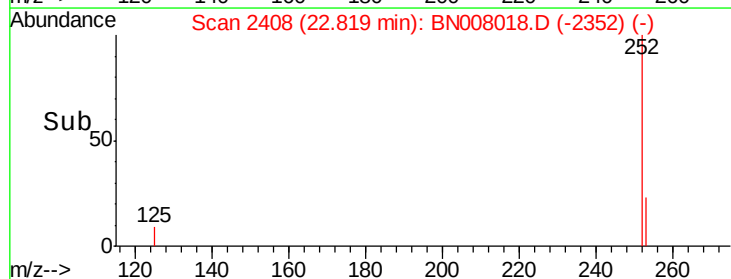
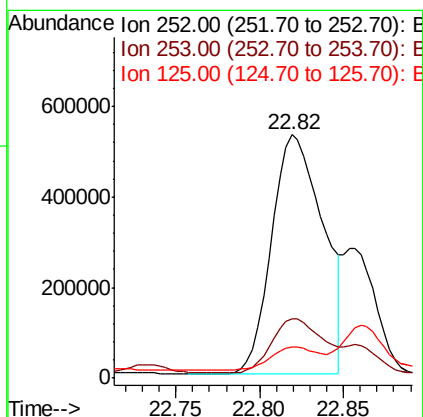
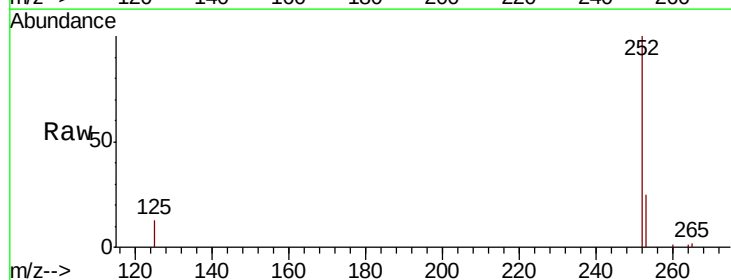
Instrument :
BNA_N
ClientSampleId :

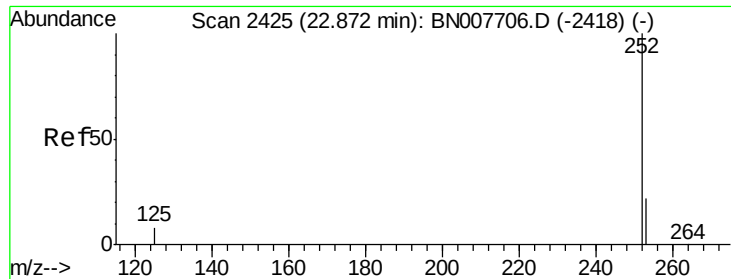
Tot Ion:264 Resp: 143166
Ion Ratio Lower Upper
264 100
260 29.6 19.3 28.9#
265 41.5 26.9 40.3#



#35
Benzo(b)fluoranthene
Concen: 2.275 ng
RT: 22.82 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN008018.D
Acq: 04 Oct 2019 23:57

Tgt Ion:252 Resp: 1130549
Ion Ratio Lower Upper
252 100
253 24.6 18.3 27.5
125 12.7 8.2 12.4#





#36

Benzo(k)fluoranthene

Concen: 2.300 ng

RT: 22.82 min Scan# 2408

Delta R.T. -0.05 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampleId :

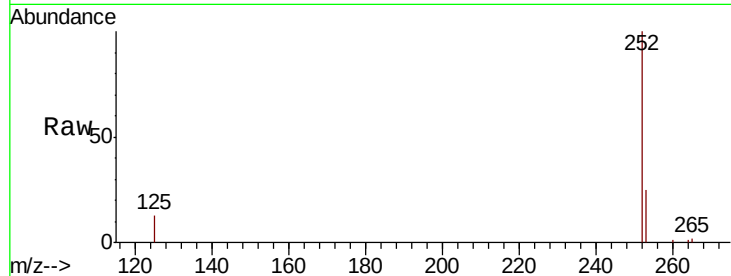
Tot Ion:252 Resp: 1130549

Ion Ratio Lower Upper

252 100

253 24.6 18.5 27.7

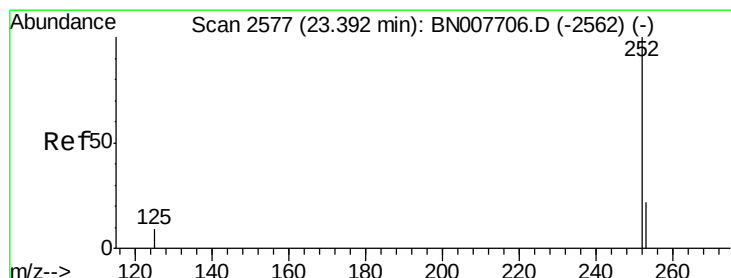
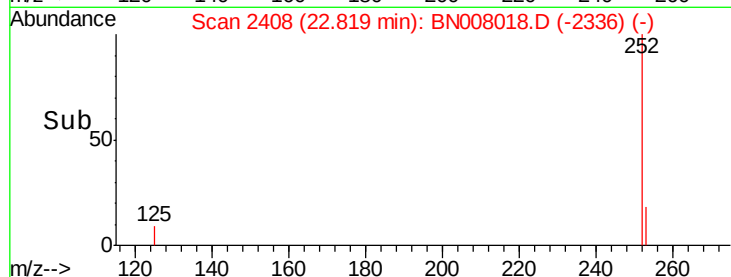
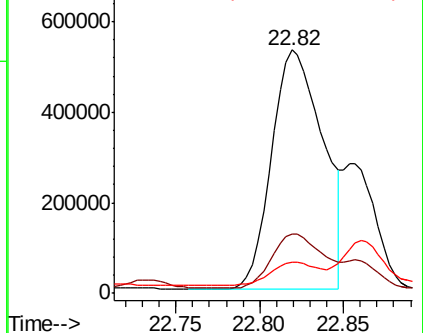
125 12.7 8.4 12.6#



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



#37

Benzo(a)pyrene

Concen: 1.693 ng

RT: 23.38 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

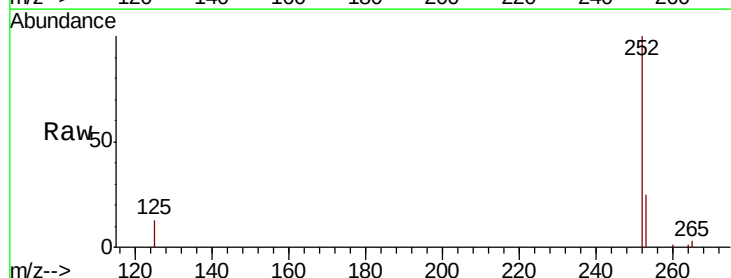
Tgt Ion:252 Resp: 790804

Ion Ratio Lower Upper

252 100

253 24.5 18.6 27.8

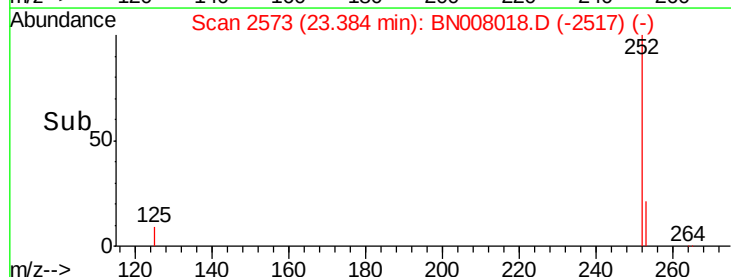
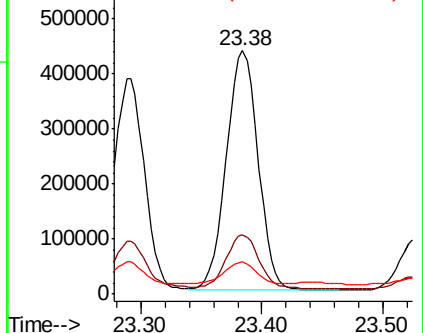
125 13.1 9.4 14.0

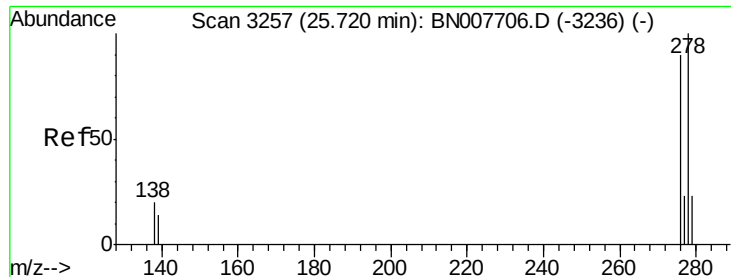


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.373 ng

RT: 25.71 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

Instrument :

BNA_N

ClientSampleId :

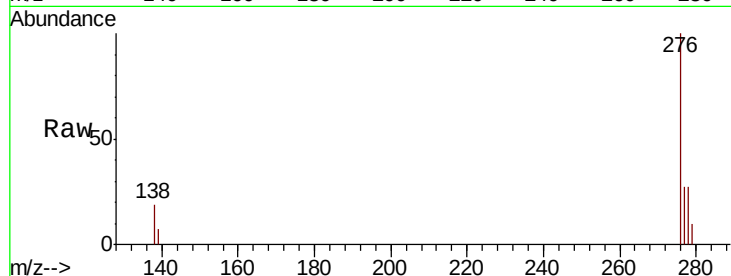
Tot Ion:278 Resp: 178437

Ion Ratio Lower Upper

278 100

139 25.3 11.8 17.6#

279 34.9 19.4 29.2#

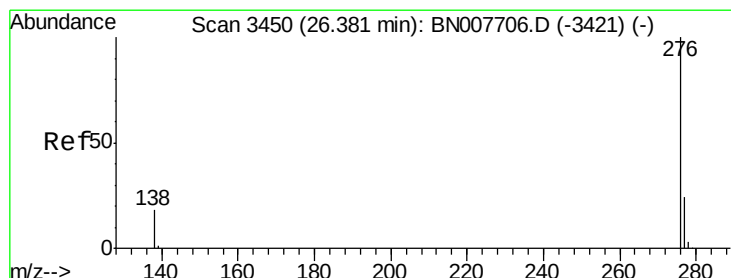
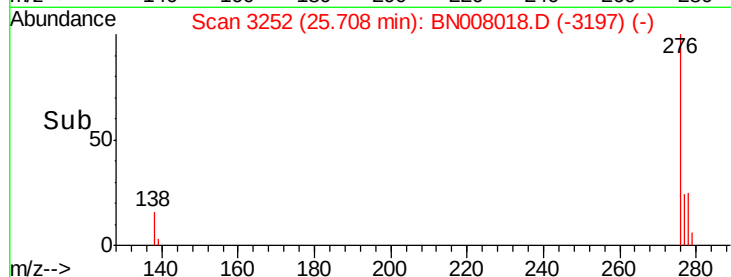
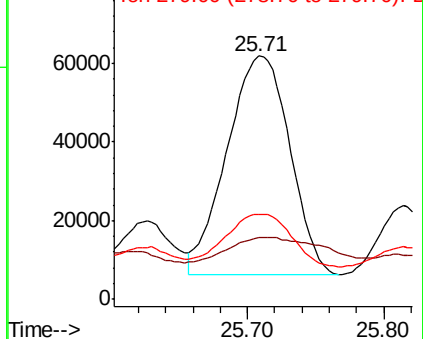


Abundance

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



#39

Benzo(g,h,i)perylene

Concen: 1.371 ng

RT: 26.39 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BN008018.D

Acq: 04 Oct 2019 23:57

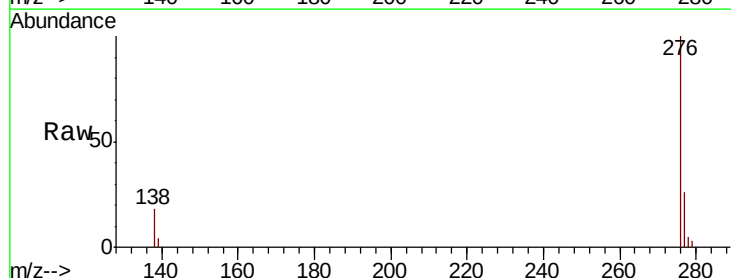
Tgt Ion:276 Resp: 648463

Ion Ratio Lower Upper

276 100

277 25.9 19.8 29.8

138 18.4 15.1 22.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

