

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082419\
 Data File : BN007369.D
 Acq On : 24 Aug 2019 18:30
 Operator : HP/JU
 Sample : K4471-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 N3-SB1-1.0-1.5-082119MS

Quant Time: Aug 24 23:42:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5154	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	20218	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	10052	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	20636	0.40	ng	0.00
27) Chrysene-d12	21.02	240	21643	0.40	ng	0.00
34) Perylene-d12	23.13	264	25962	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	5224	0.28	ng	0.00
5) Phenol-d6	6.59	99	6480	0.28	ng	0.00
8) Nitrobenzene-d5	8.53	82	4948	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	8874	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1439	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	9522	0.23	ng	0.00
25) Fluoranthene-d10	18.84	212	11398	0.17	ng	0.00
29) Terphenyl-d14	19.47	244	7570	0.13	ng	0.00

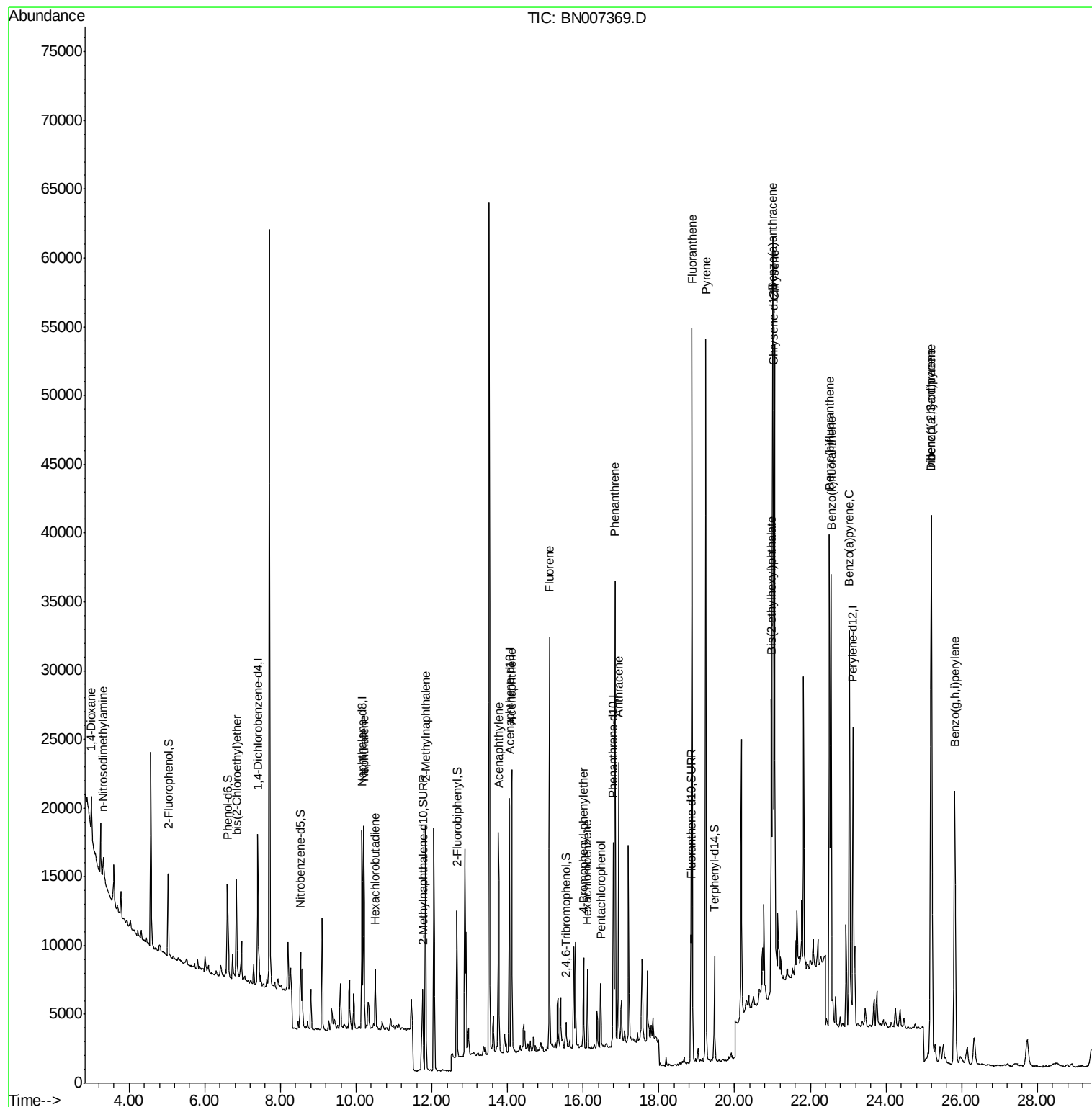
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	2050	0.239	ng	# 88
3) n-Nitrosodimethylamine	3.31	42	1170	0.294	ng	# 79
6) bis(2-Chloroethyl)ether	6.84	93	5496	0.295	ng	98
9) Naphthalene	10.20	128	18964	0.328	ng	# 91
10) Hexachlorobutadiene	10.51	225	3483	0.294	ng	# 98
12) 2-Methylnaphthalene	11.83	142	12674	0.322	ng	97
16) Acenaphthylene	13.76	152	19300	0.325	ng	99
17) Acenaphthene	14.11	154	11277	0.324	ng	98
18) Fluorene	15.10	166	13926	0.316	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	2441	0.300	ng	95
21) Hexachlorobenzene	16.11	284	4417	0.319	ng	95
22) Pentachlorophenol	16.46	266	2397	0.558	ng	# 64
23) Phenanthrene	16.84	178	34219	0.551	ng	98
24) Anthracene	16.93	178	20942	0.335	ng	100
26) Fluoranthene	18.87	202	49805	0.625	ng	100
28) Pyrene	19.24	202	46996	0.540	ng	97
30) Benzo(a)anthracene	21.00	228	38576	0.454	ng	97
31) Chrysene	21.06	228	39348	0.480	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	16787	0.286	ng	98
33) Indeno(1,2,3-cd)pyrene	25.19	276	44744	0.453	ng	99
35) Benzo(b)fluoranthene	22.51	252	46884	0.498	ng	98
36) Benzo(k)fluoranthene	22.55	252	37337	0.402	ng	99
37) Benzo(a)pyrene	23.03	252	41284	0.461	ng	# 97
38) Dibenzo(a,h)anthracene	25.20	278	31550	0.353	ng	# 85
39) Benzo(g,h,i)perylene	25.81	276	40317	0.453	ng	97

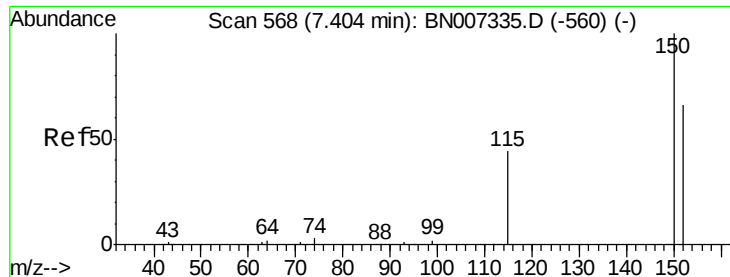
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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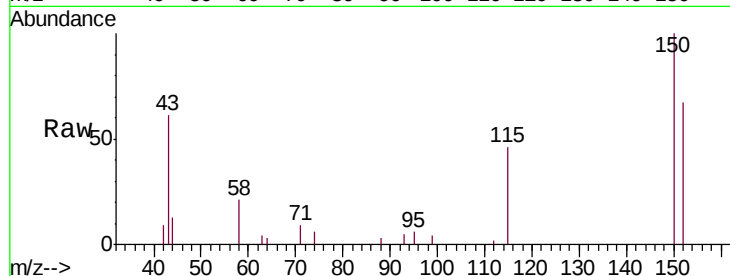


#1

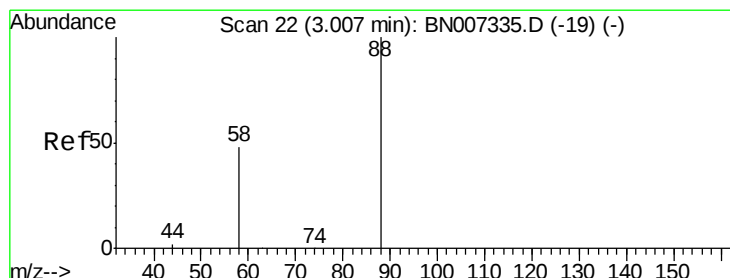
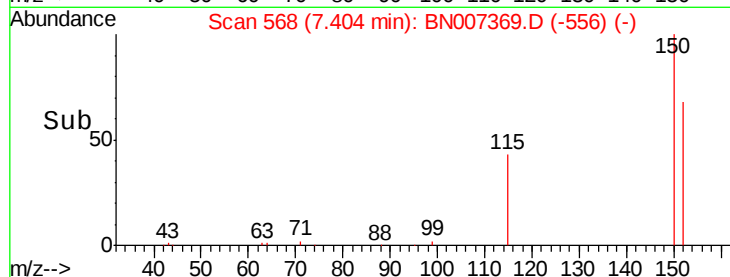
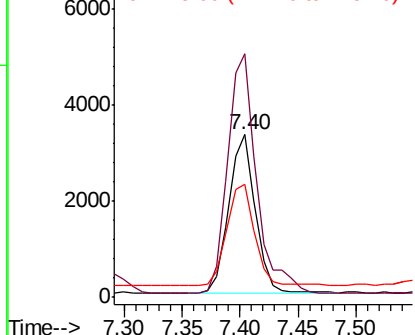
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007369.D
Acq: 24 Aug 2019 18:30

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MS

Tot Ion:152 Resp: 5154
Ion Ratio Lower Upper
152 100
150 149.8 109.1 163.7
115 69.6 59.6 89.4



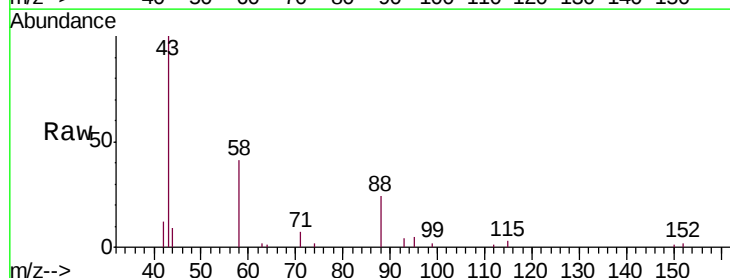
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



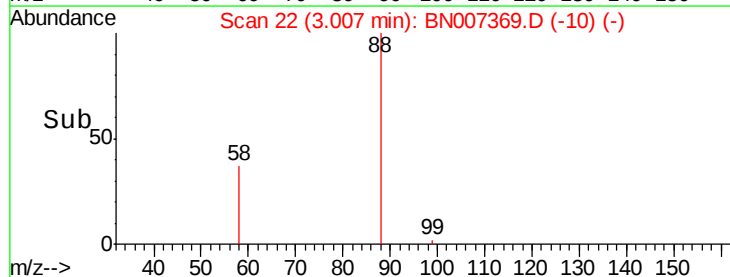
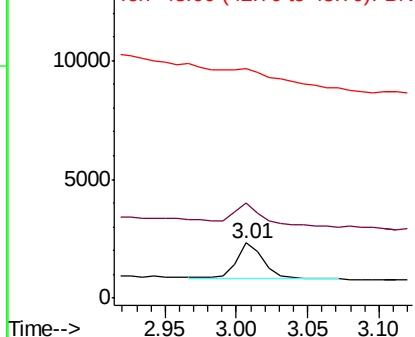
#2

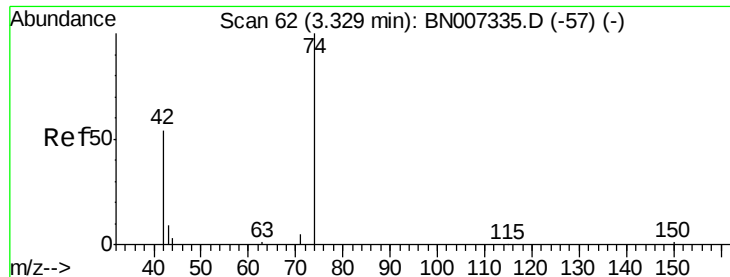
1,4-Dioxane
Concen: 0.239 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007369.D
Acq: 24 Aug 2019 18:30

Tgt Ion: 88 Resp: 2050
Ion Ratio Lower Upper
88 100
58 72.4 50.5 75.7
43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.294 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

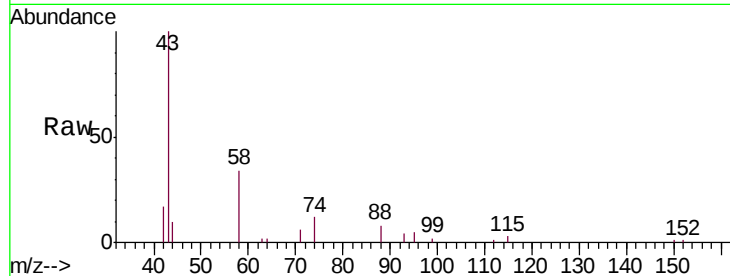
Tot Ion: 42 Resp: 1170

Ion Ratio Lower Upper

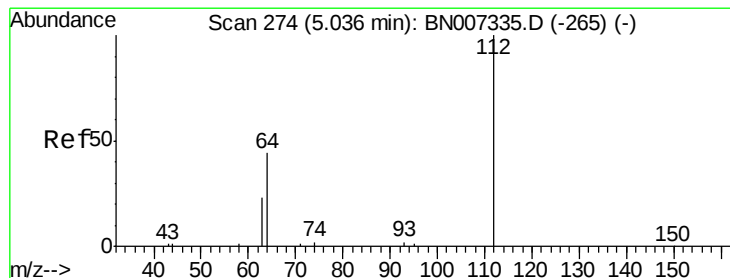
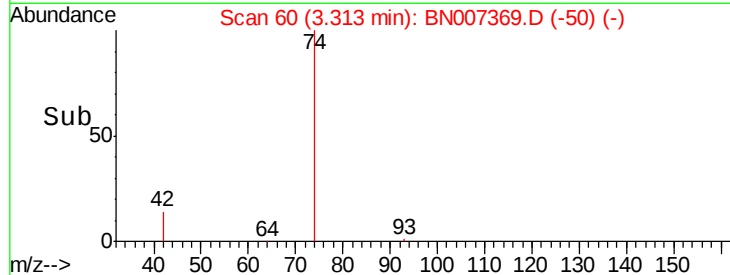
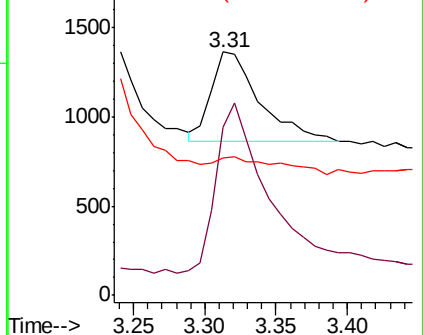
42 100

74 209.7 144.7 217.1

44 28.3 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.284 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

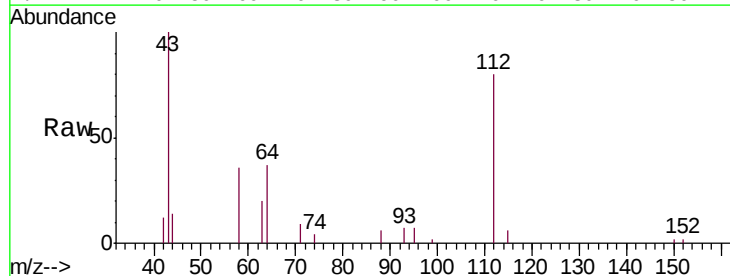
Tgt Ion: 112 Resp: 5224

Ion Ratio Lower Upper

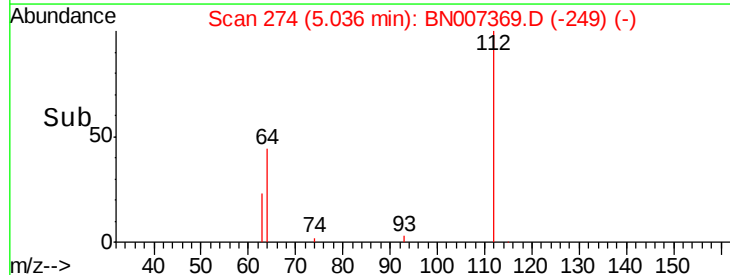
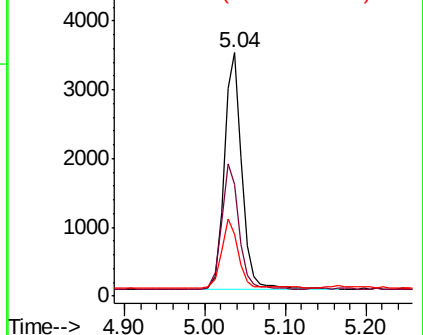
112 100

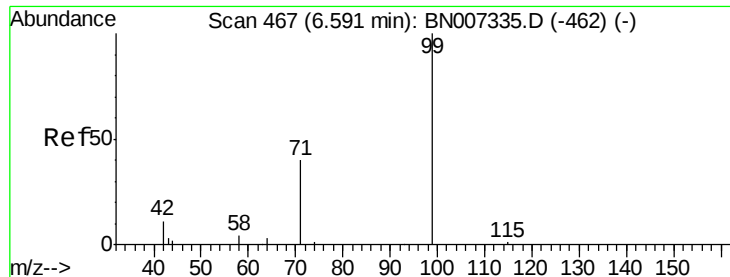
64 53.1 42.3 63.5

63 27.9 23.6 35.4



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: 0.275 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

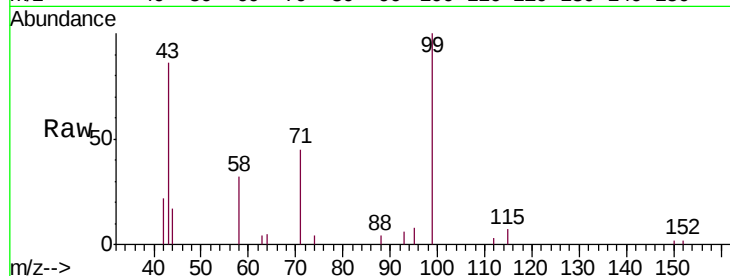
Tot Ion: 99 Resp: 6480

Ion Ratio Lower Upper

99 100

42 14.2 11.2 16.8

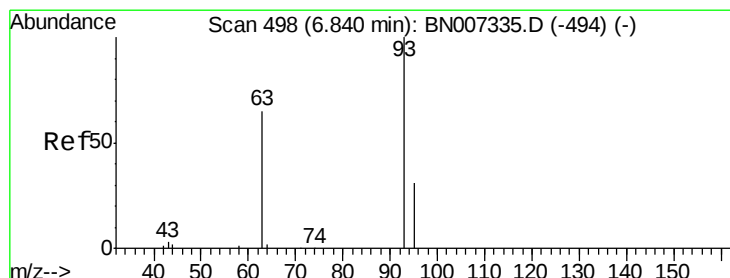
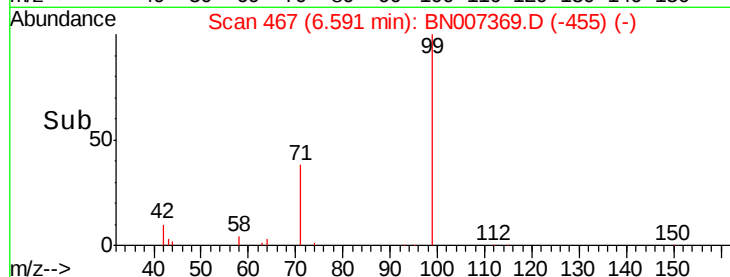
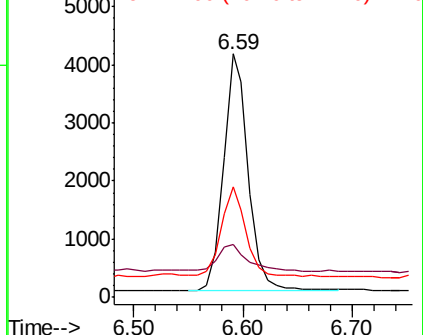
71 38.2 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007369.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007369.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007369.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.295 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

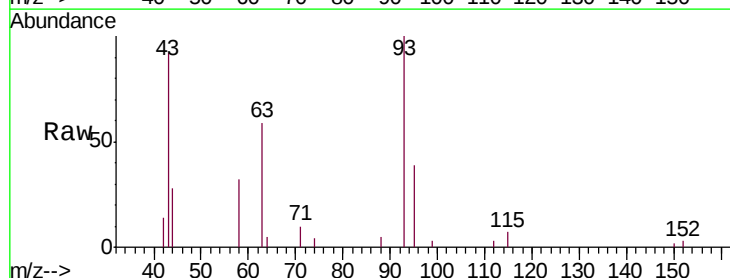
Tgt Ion: 93 Resp: 5496

Ion Ratio Lower Upper

93 100

63 63.2 51.9 77.9

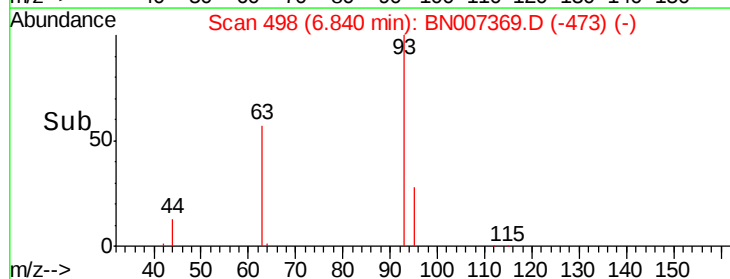
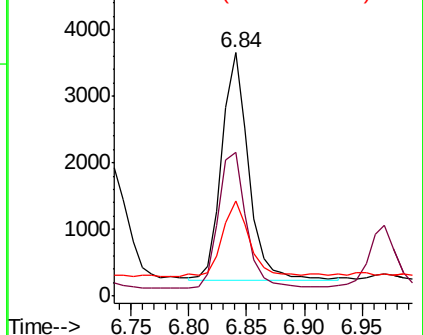
95 33.9 27.7 41.5

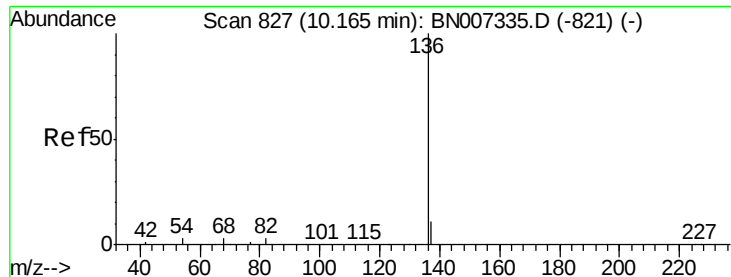


Abundance Ion 93.00 (92.70 to 93.70): BN007369.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007369.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007369.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

Tot Ion:136 Resp: 20218

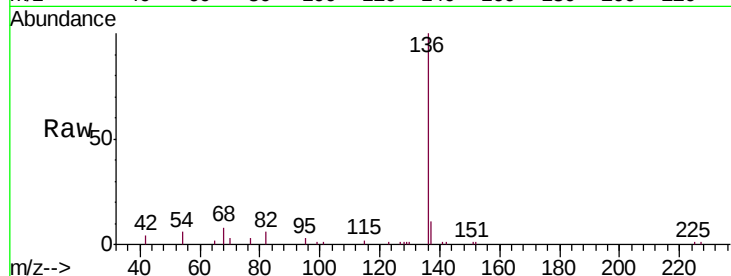
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 6.1 8.6 12.8#

68 7.9 17.0 25.4#

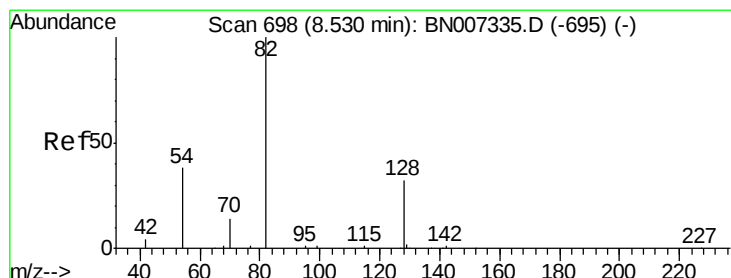
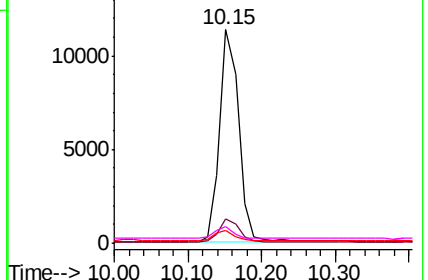
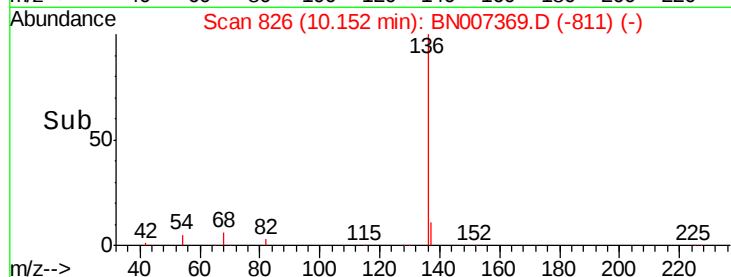


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.281 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

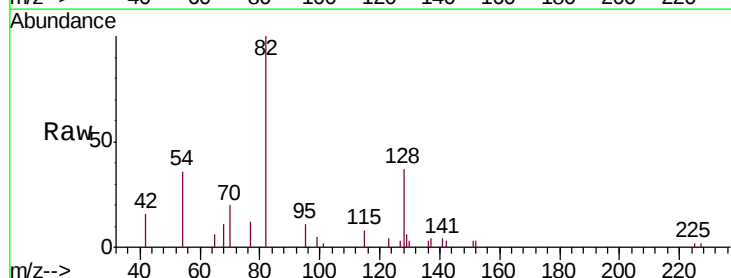
Tgt Ion: 82 Resp: 4948

Ion Ratio Lower Upper

82 100

128 37.4 19.7 29.5#

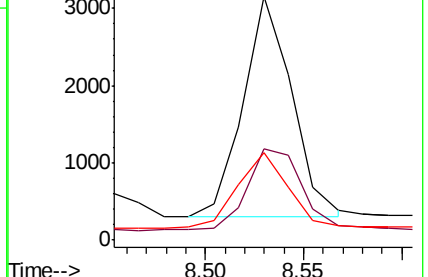
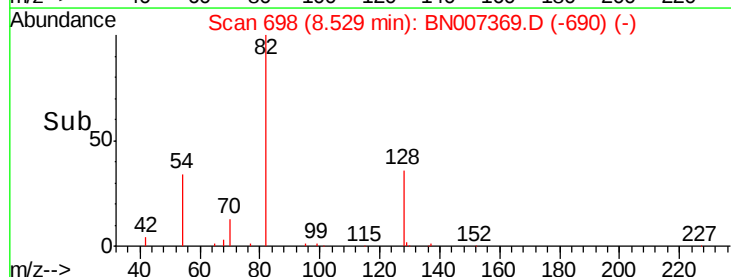
54 36.0 25.8 38.6

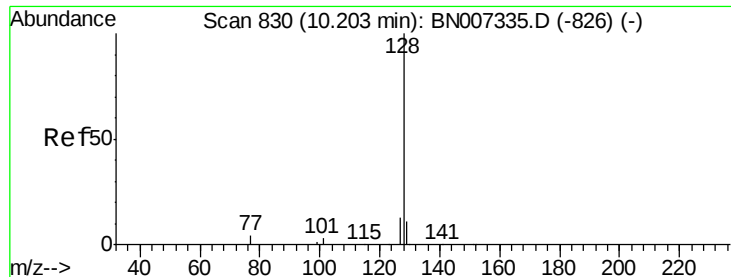


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.328 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

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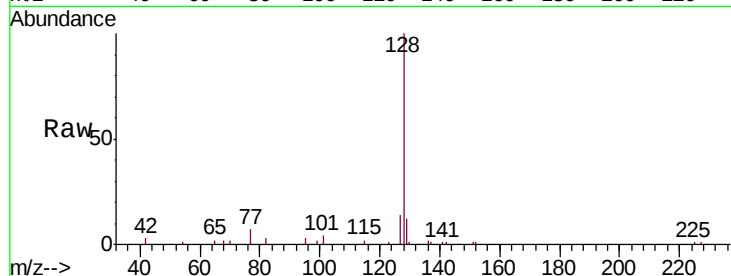
Tot Ion:128 Resp: 18964

Ion Ratio Lower Upper

128 100

129 12.0 11.1 16.7

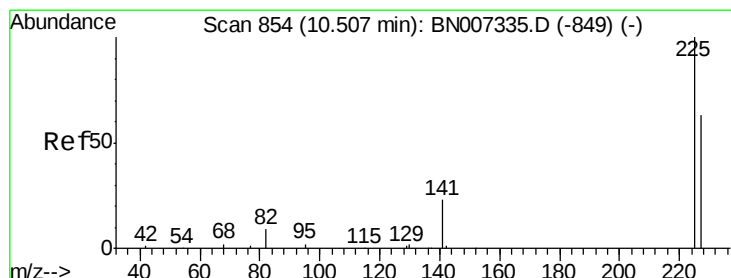
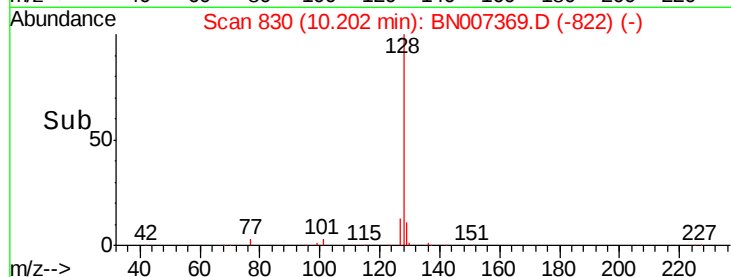
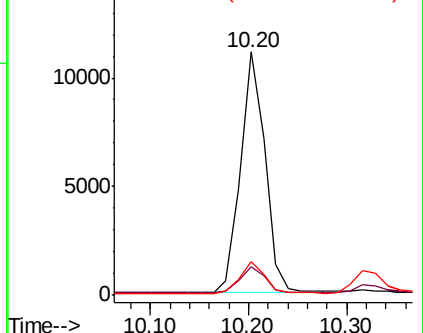
127 13.9 15.5 23.3#



Abundance Ion 128.00 (127.70 to 128.70): E

15000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.294 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

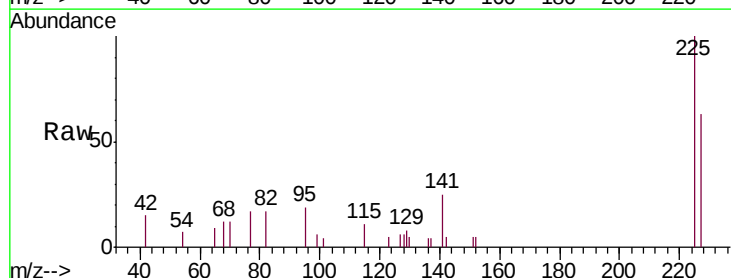
Tgt Ion:225 Resp: 3483

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

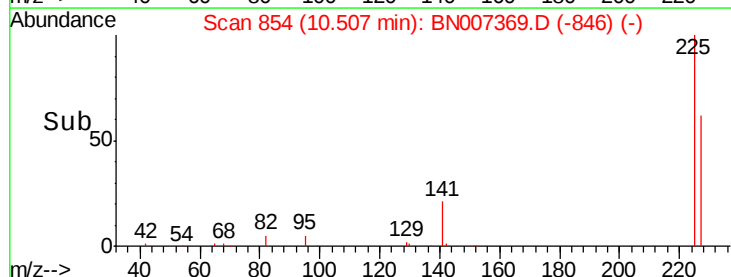
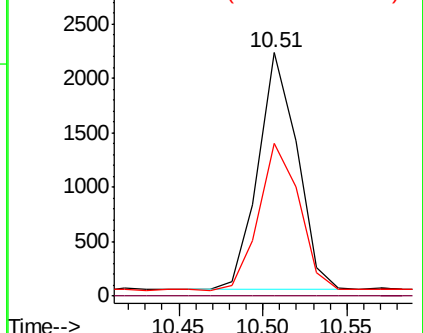
227 64.7 50.7 76.1

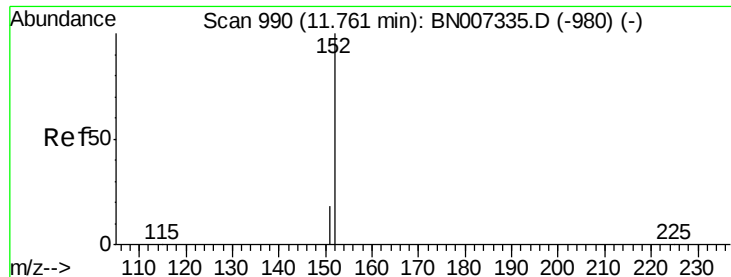


Abundance Ion 225.00 (224.70 to 225.70): E

3000 Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.264 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

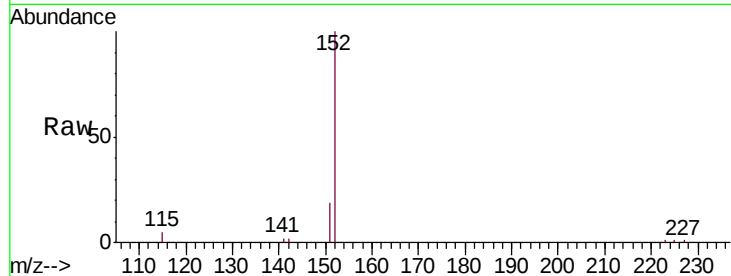
N3-SB1-1.0-1.5-082119MS

Tot Ion:152 Resp: 8874

Ion Ratio Lower Upper

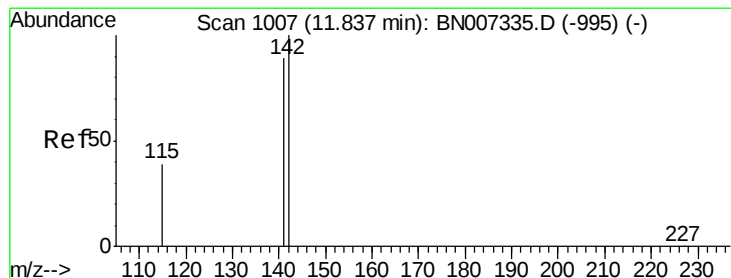
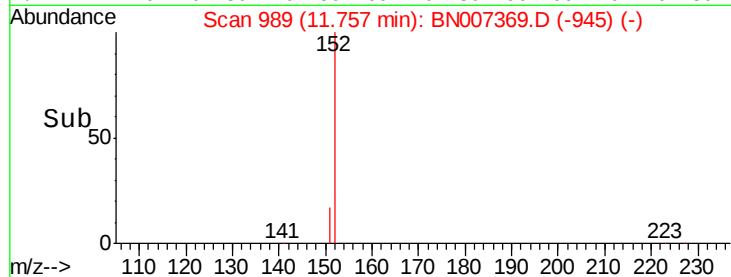
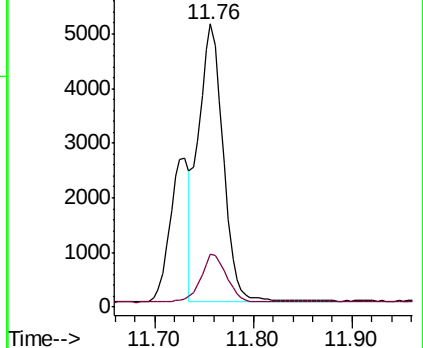
152 100

151 18.0 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.322 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

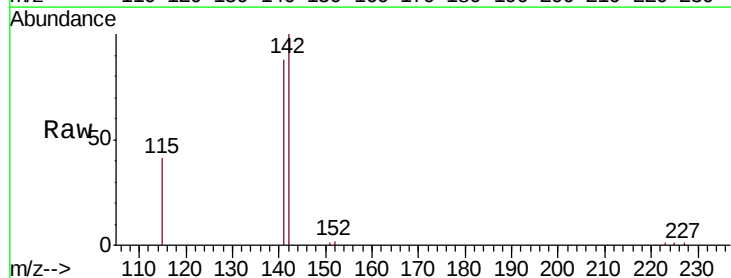
Tgt Ion:142 Resp: 12674

Ion Ratio Lower Upper

142 100

141 88.4 72.8 109.2

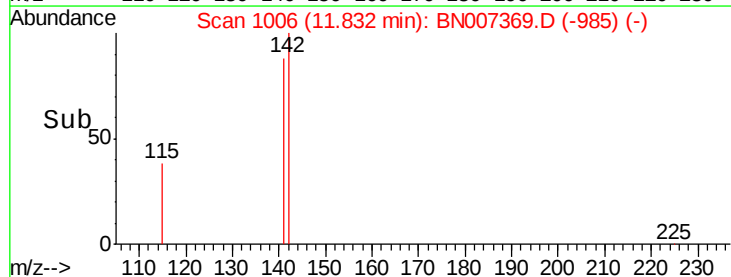
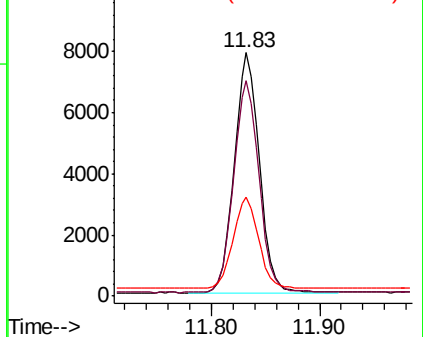
115 40.9 35.2 52.8

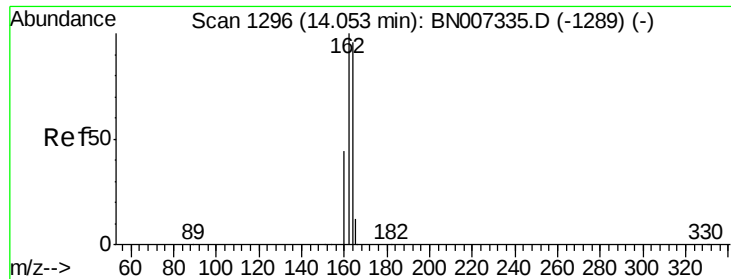


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

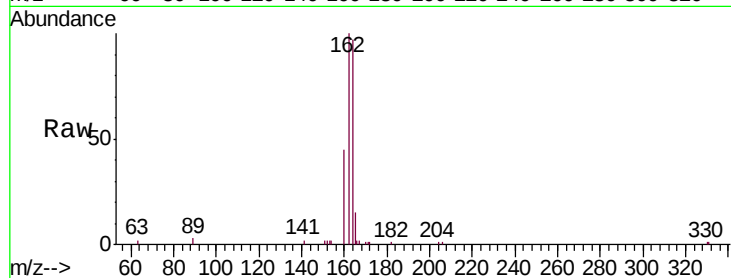
Tot Ion:164 Resp: 10052

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

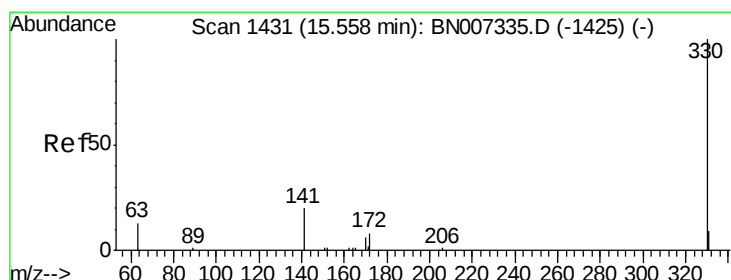
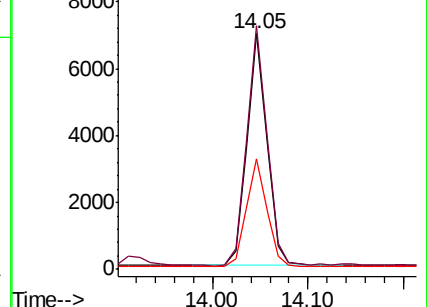
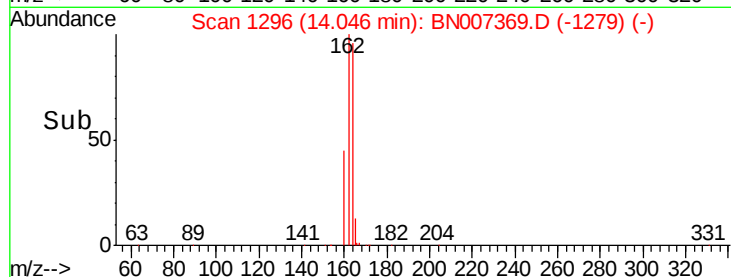
160 46.7 38.2 57.4



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: 0.274 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

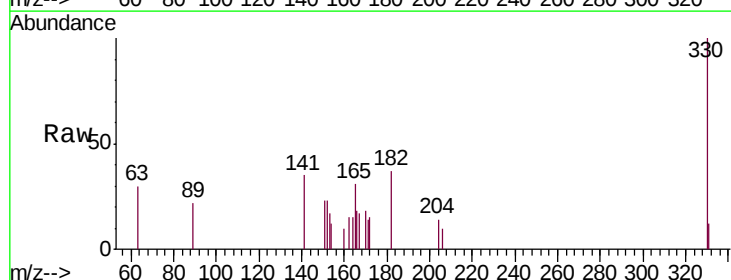
Tgt Ion:330 Resp: 1439

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

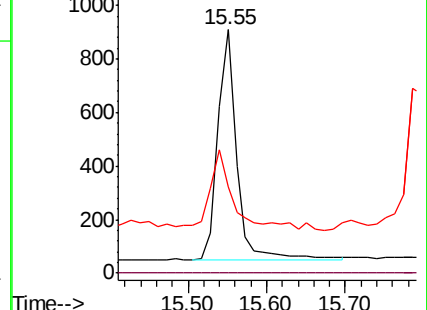
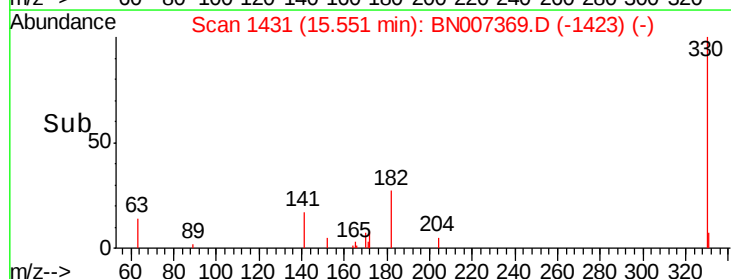
141 33.8 26.9 40.3

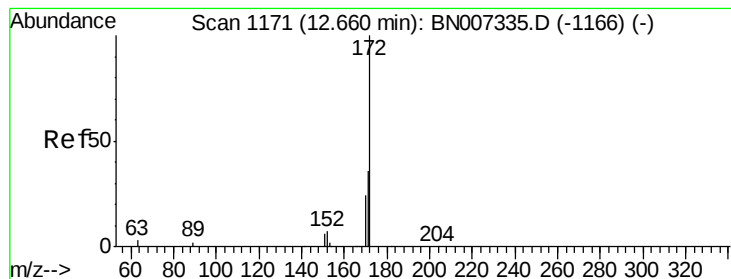


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.235 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

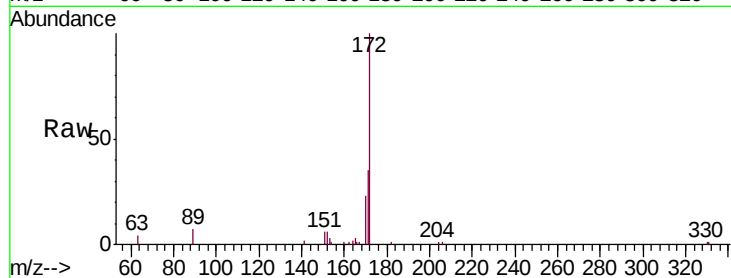
Tot Ion:172 Resp: 9522

Ion Ratio Lower Upper

172 100

171 34.8 30.3 45.5

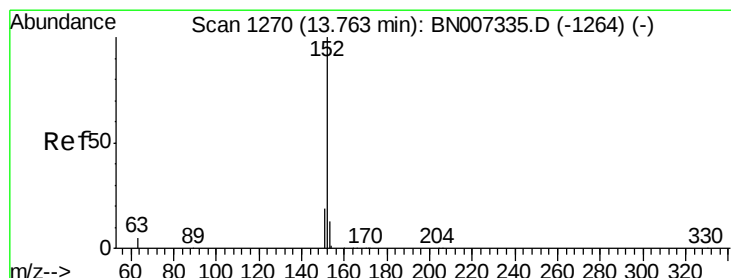
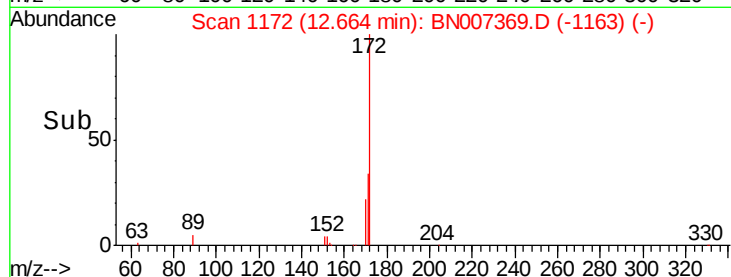
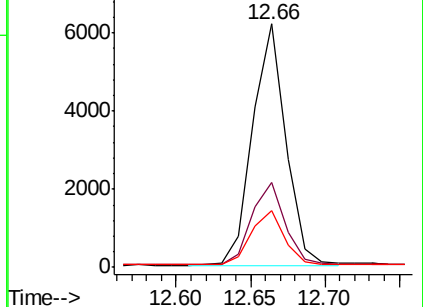
170 23.1 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.325 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

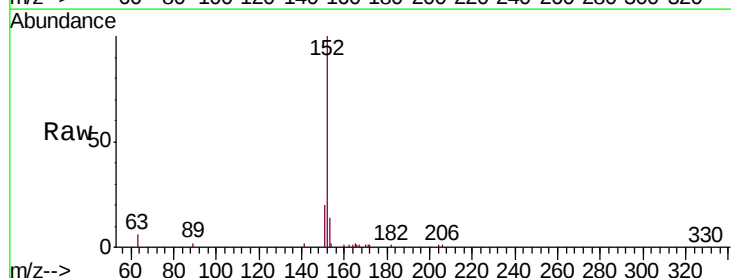
Tgt Ion:152 Resp: 19300

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

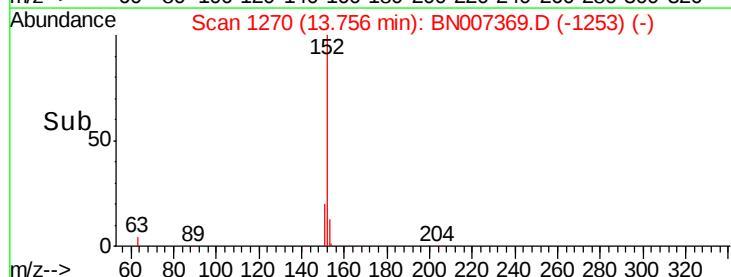
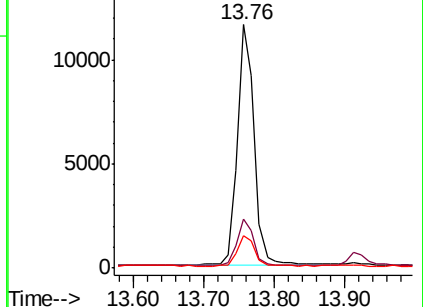
153 13.0 10.6 15.8

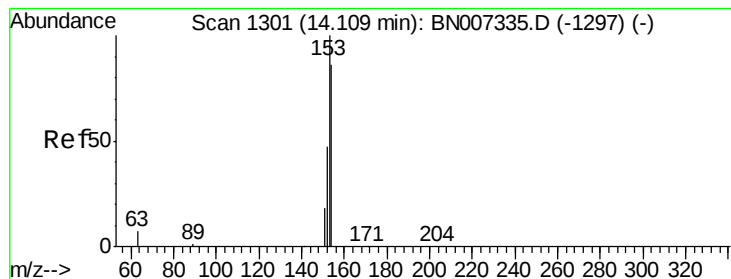


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.324 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

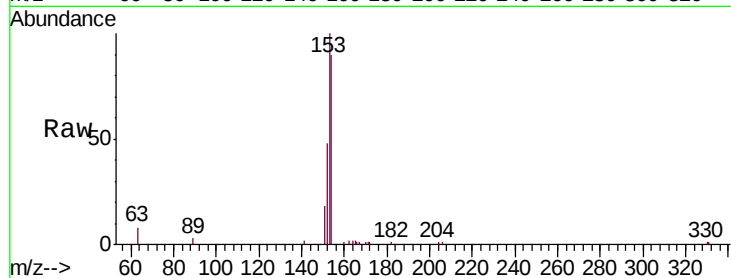
Tot Ion:154 Resp: 11277

Ion Ratio Lower Upper

154 100

153 113.1 92.8 139.2

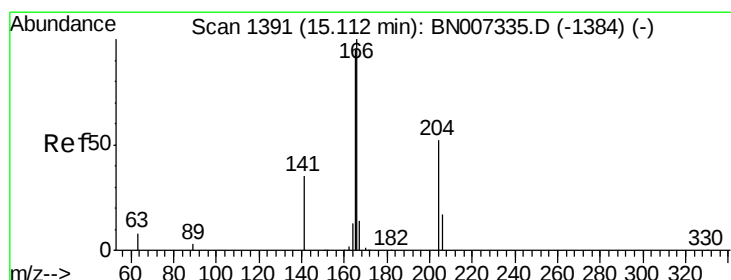
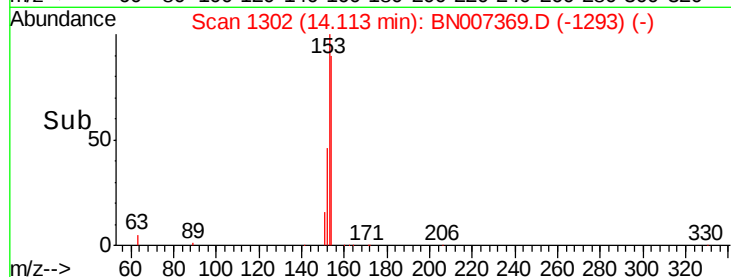
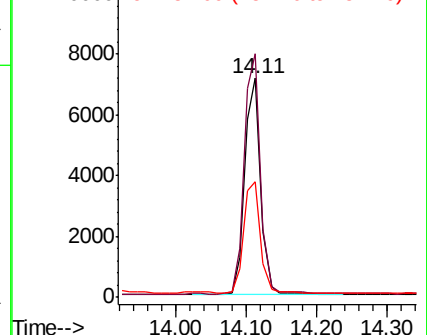
152 53.9 43.8 65.8



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: 0.316 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

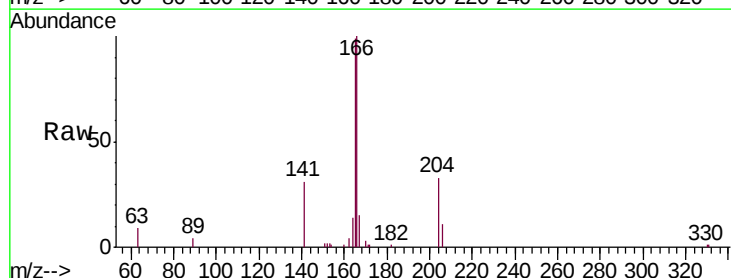
Tgt Ion:166 Resp: 13926

Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.4

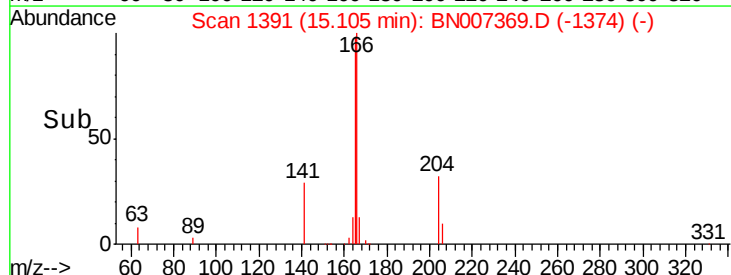
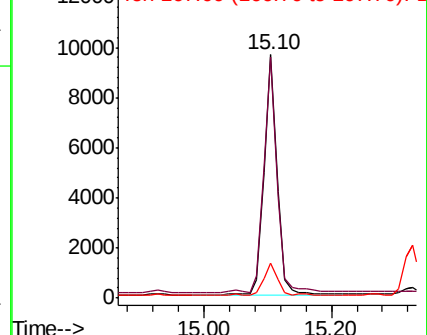
167 14.1 10.6 15.8

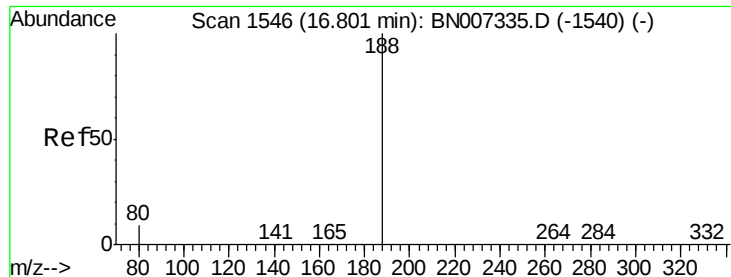


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

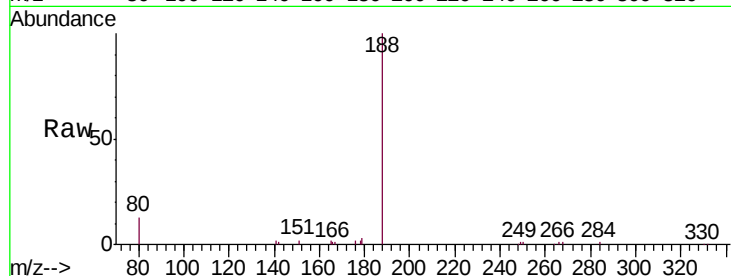
Tot Ion:188 Resp: 20636

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

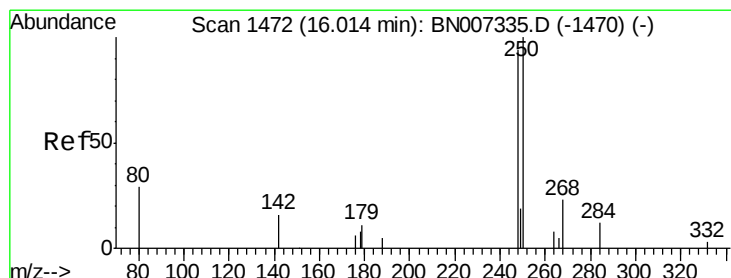
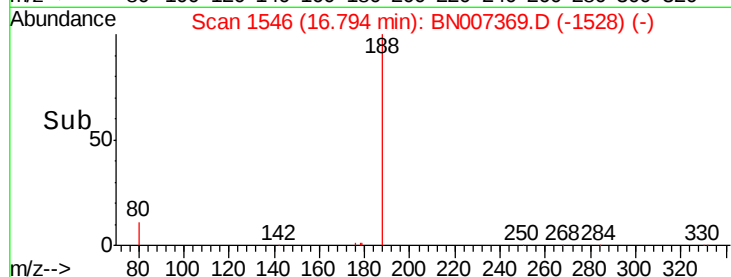
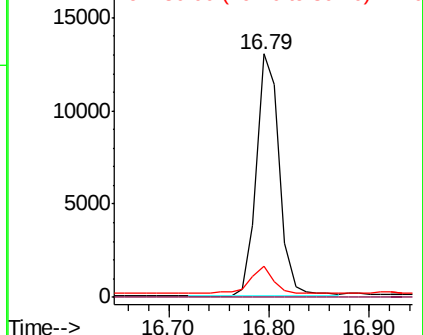
80 12.6 11.8 17.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.300 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

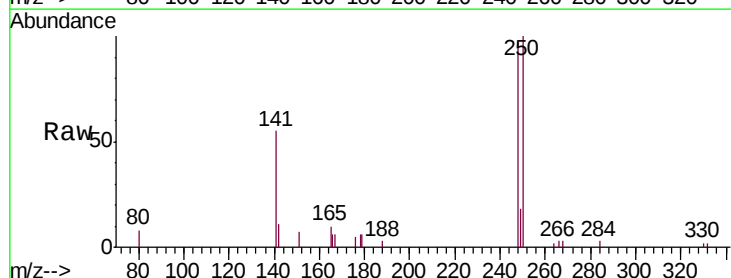
Tgt Ion:248 Resp: 2441

Ion Ratio Lower Upper

248 100

250 103.5 85.0 127.6

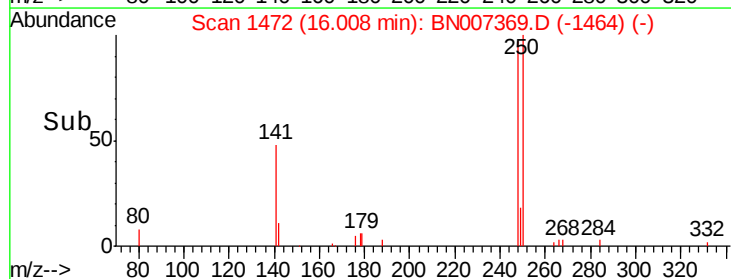
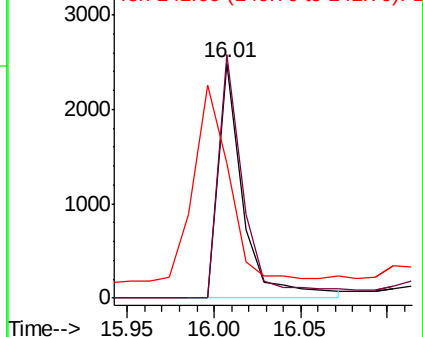
141 57.4 51.7 77.5

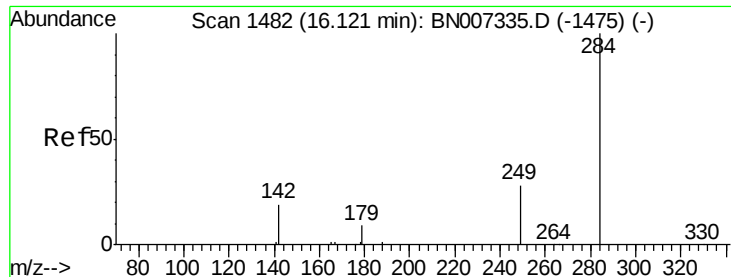


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.319 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

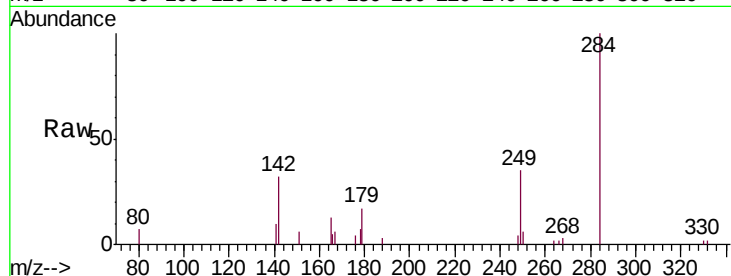
Tot Ion:284 Resp: 4417

Ion Ratio Lower Upper

284 100

142 31.6 29.0 43.6

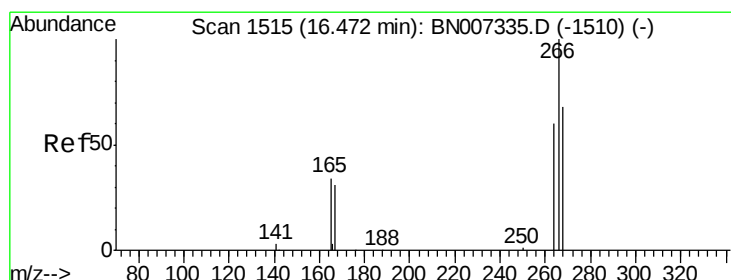
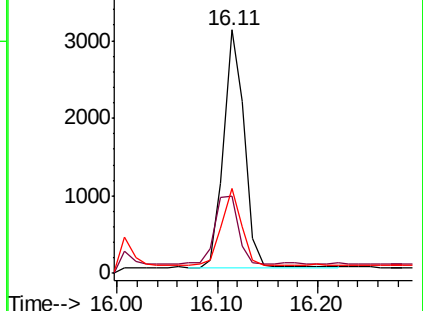
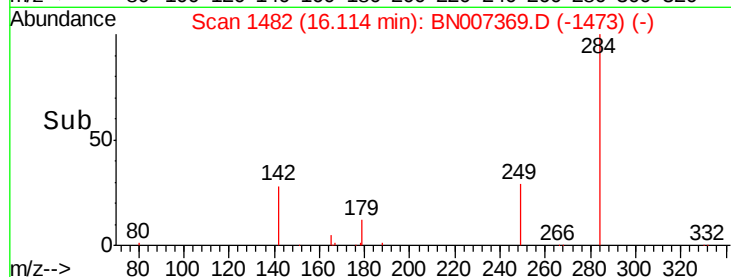
249 31.5 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.558 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

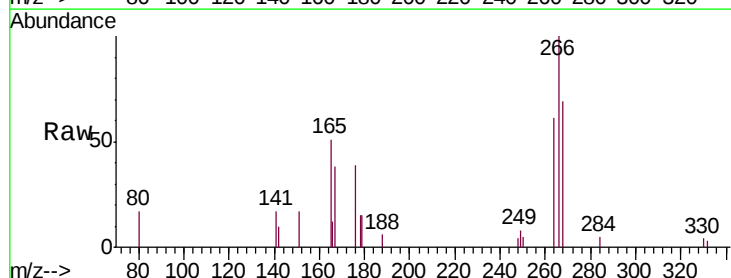
Tgt Ion:266 Resp: 2397

Ion Ratio Lower Upper

266 100

264 60.8 57.8 86.8

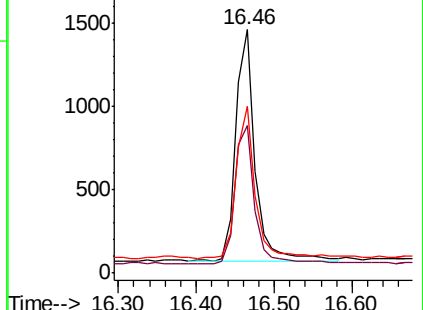
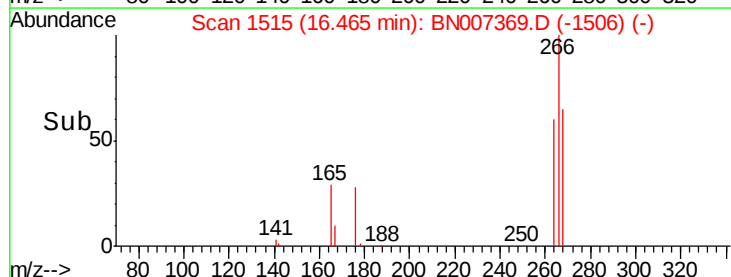
268 68.5 99.7 149.5#

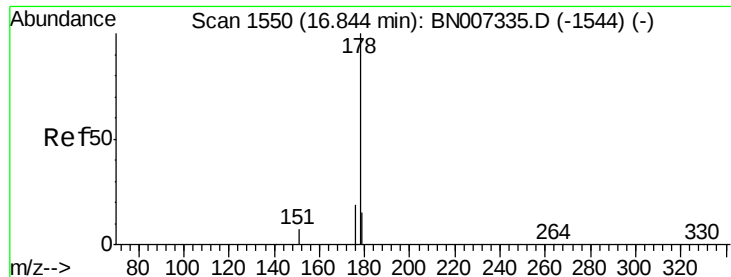


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.551 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

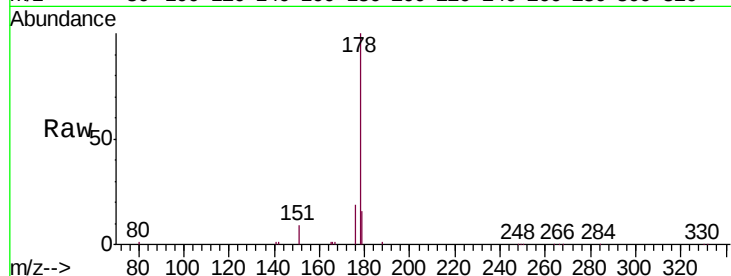
Tot Ion:178 Resp: 34219

Ion Ratio Lower Upper

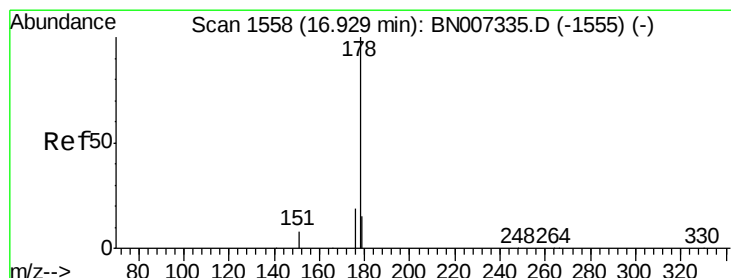
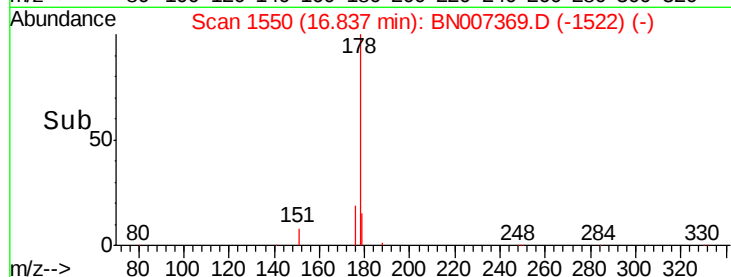
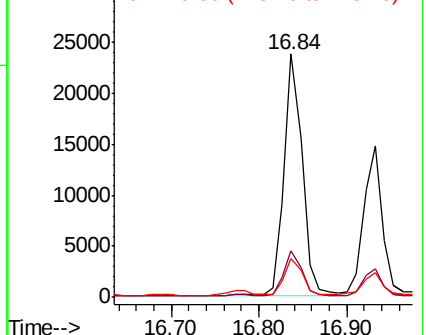
178 100

176 18.1 15.3 22.9

179 14.6 12.6 19.0



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: 0.335 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

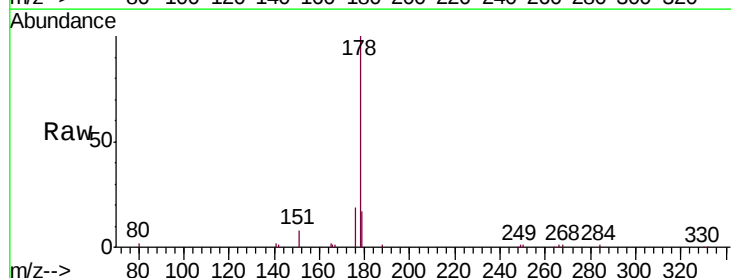
Tgt Ion:178 Resp: 20942

Ion Ratio Lower Upper

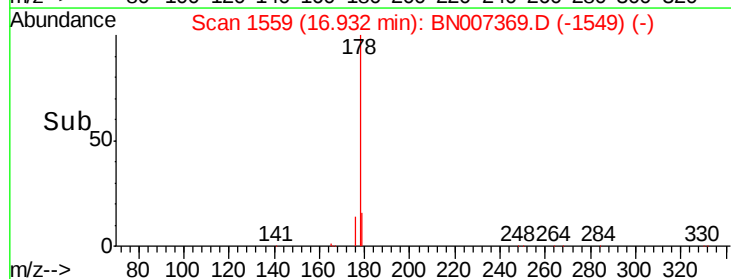
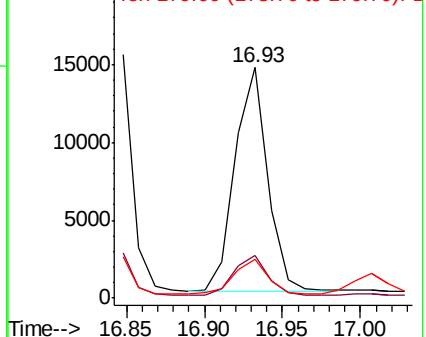
178 100

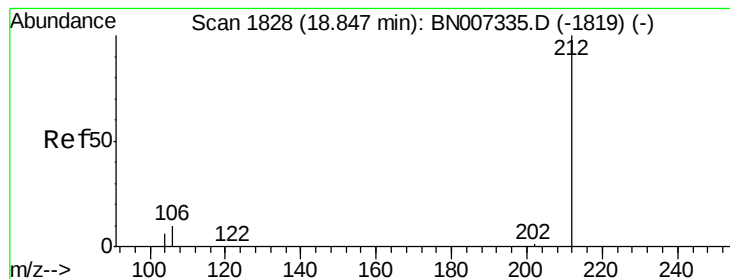
176 18.6 14.9 22.3

179 15.5 12.4 18.6



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: 0.171 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

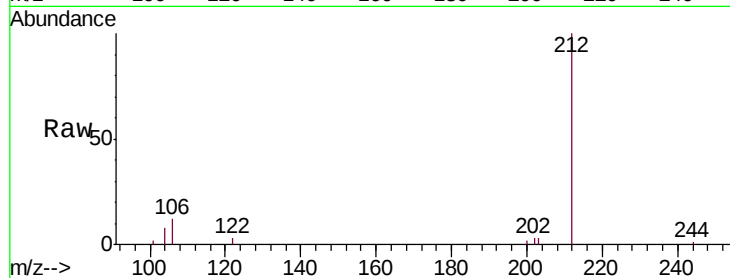
Tot Ion:212 Resp: 11398

Ion Ratio Lower Upper

212 100

106 11.6 9.0 13.4

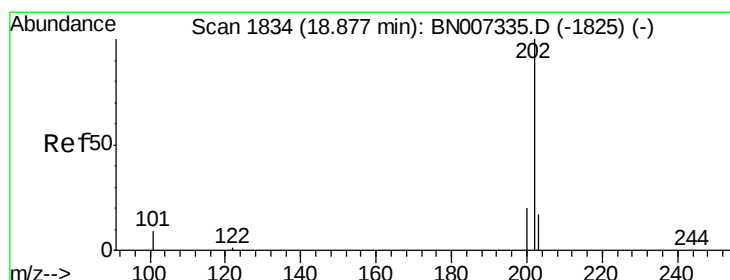
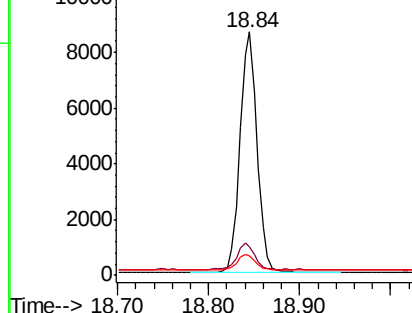
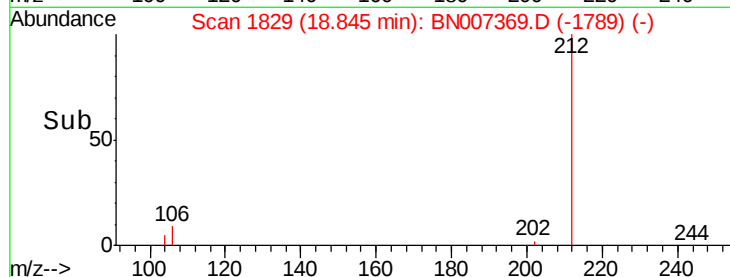
104 6.8 5.4 8.2



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: 0.625 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

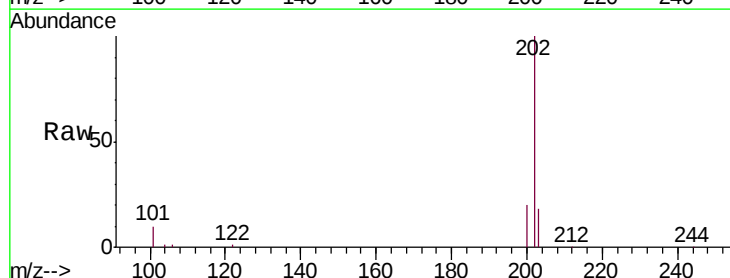
Tgt Ion:202 Resp: 49805

Ion Ratio Lower Upper

202 100

101 9.6 7.7 11.5

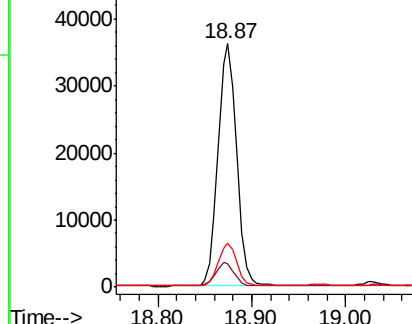
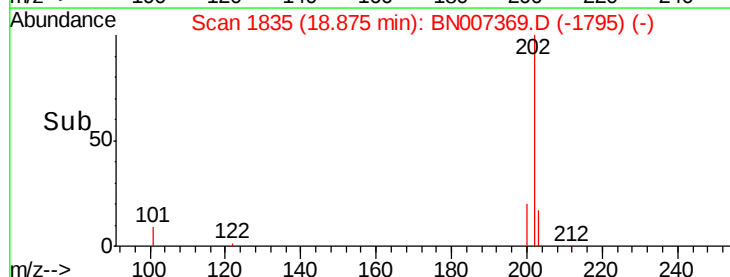
203 17.2 13.7 20.5

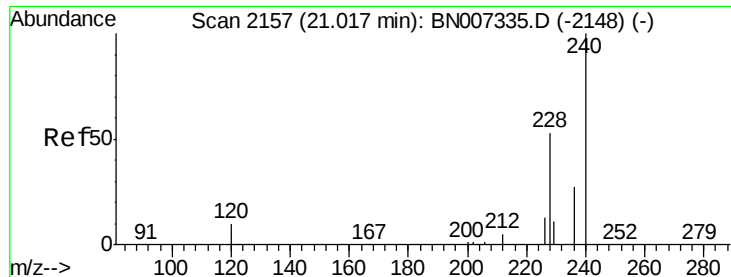


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

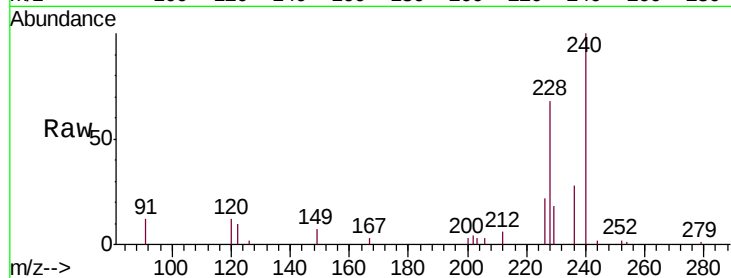
Tot Ion:240 Resp: 21643

Ion Ratio Lower Upper

240 100

120 12.4 9.6 14.4

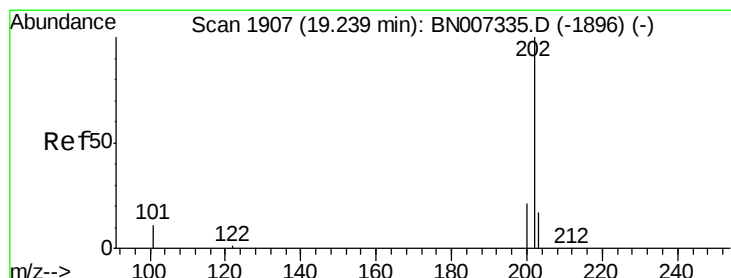
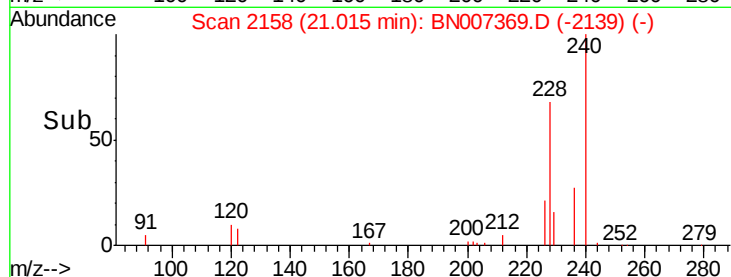
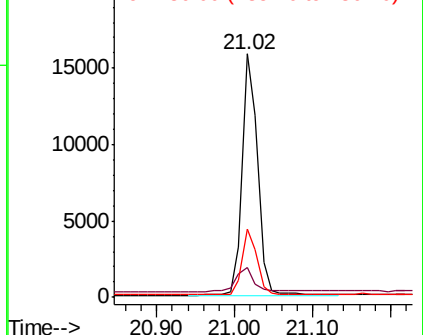
236 27.8 22.2 33.2



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

Pyrene

Concen: 0.540 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

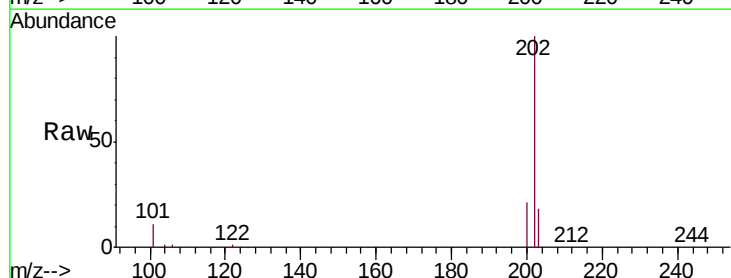
Tgt Ion:202 Resp: 46996

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

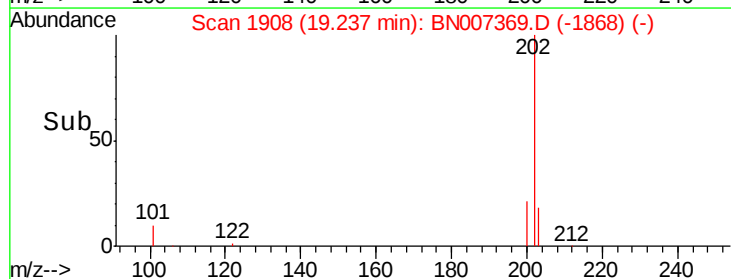
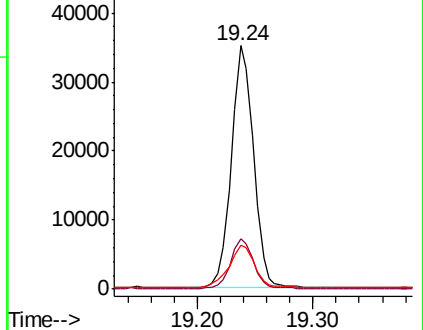
203 20.1 14.2 21.4

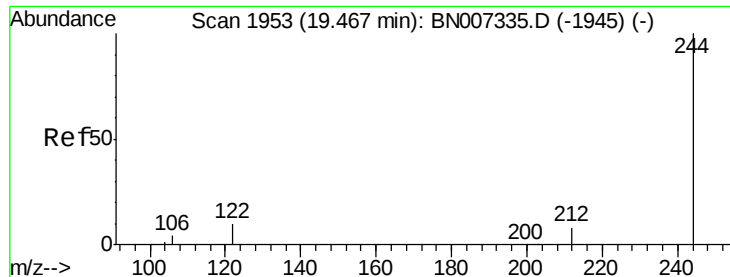


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.134 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

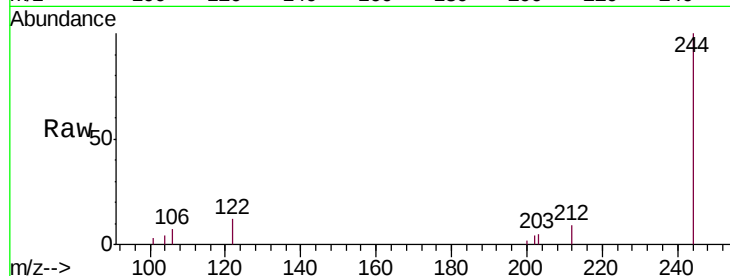
Tot Ion:244 Resp: 7570

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

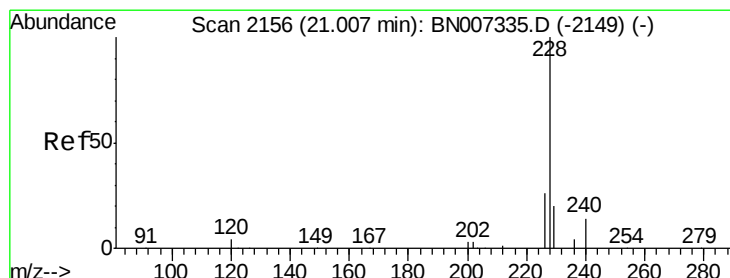
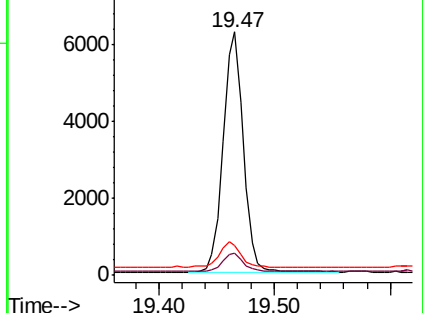
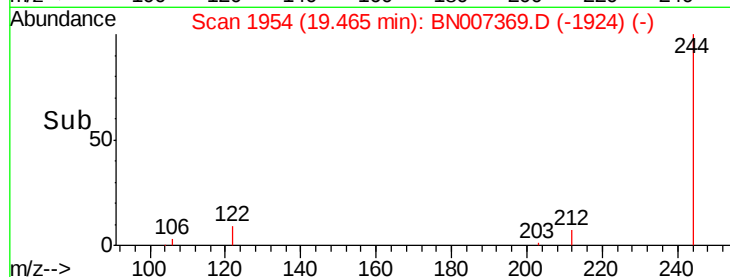
122 12.3 9.6 14.4



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: 0.454 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

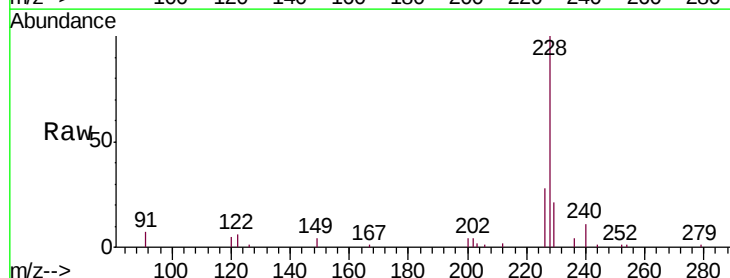
Tgt Ion:228 Resp: 38576

Ion Ratio Lower Upper

228 100

226 28.0 21.3 31.9

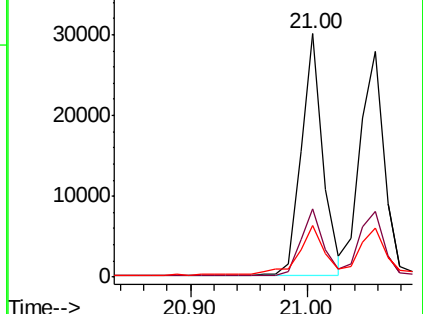
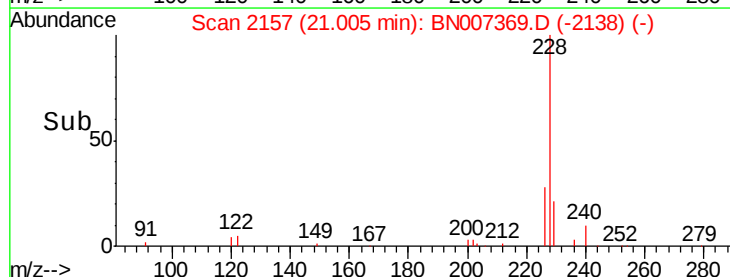
229 21.4 16.1 24.1

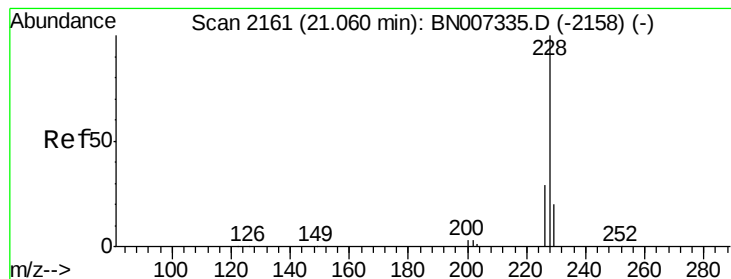


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.480 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

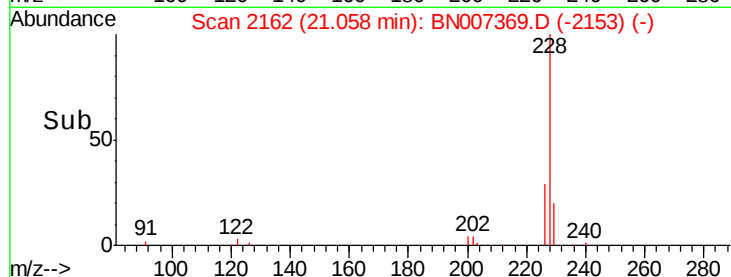
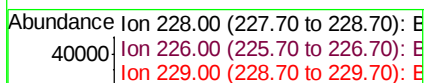
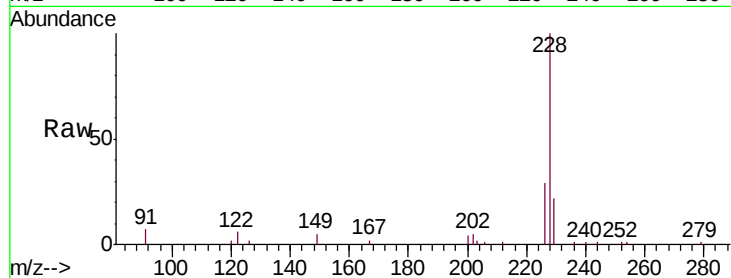
Tot Ion:228 Resp: 39348

Ion Ratio Lower Upper

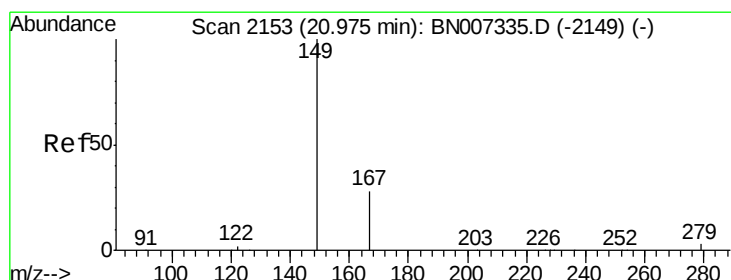
228 100

226 29.1 23.5 35.3

229 21.9 16.6 24.8



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.286 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

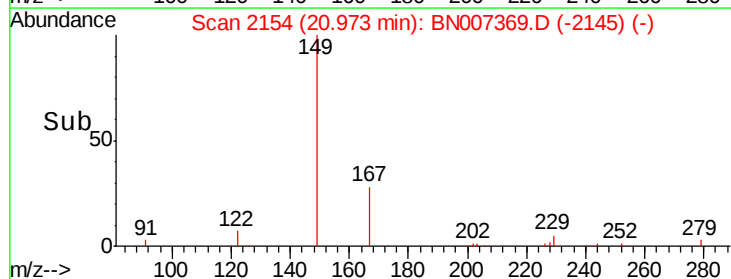
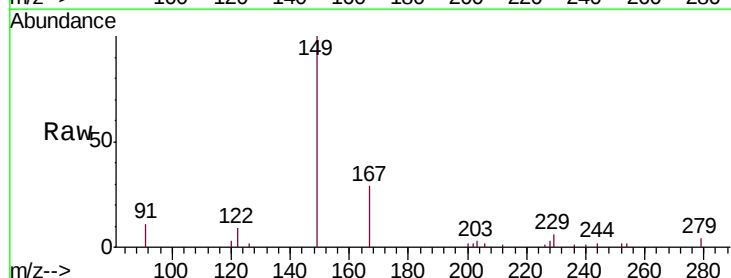
Tgt Ion:149 Resp: 16787

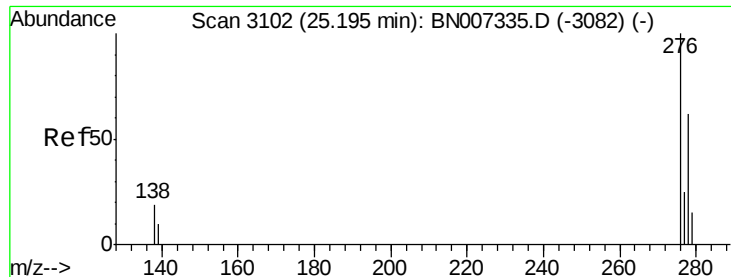
Ion Ratio Lower Upper

149 100

167 29.5 22.8 34.2

279 5.1 3.5 5.3

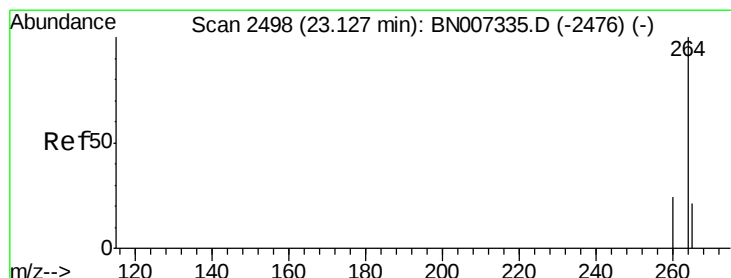
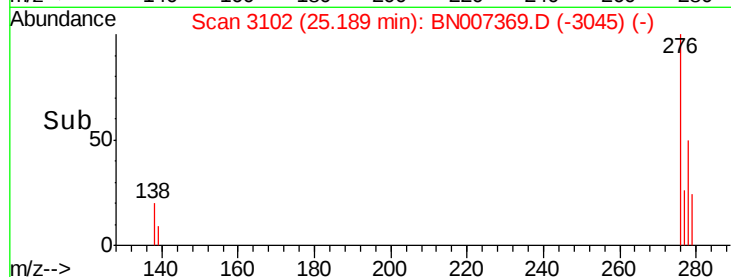
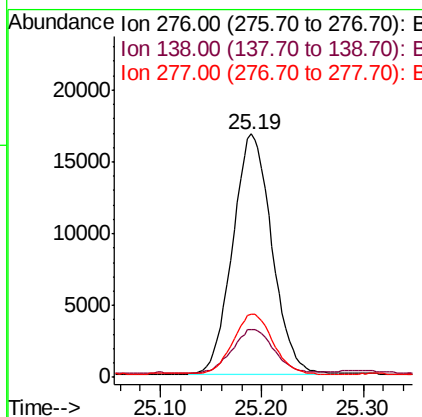
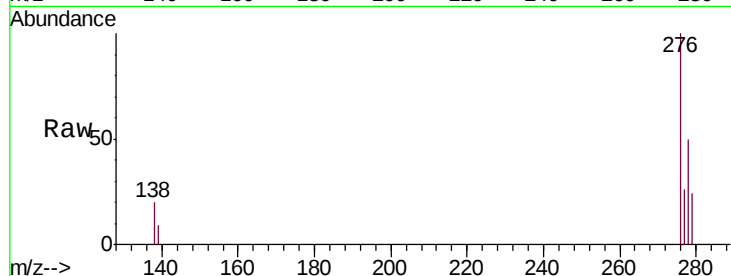




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.453 ng
 RT: 25.19 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BN007369.D
 Acq: 24 Aug 2019 18:30

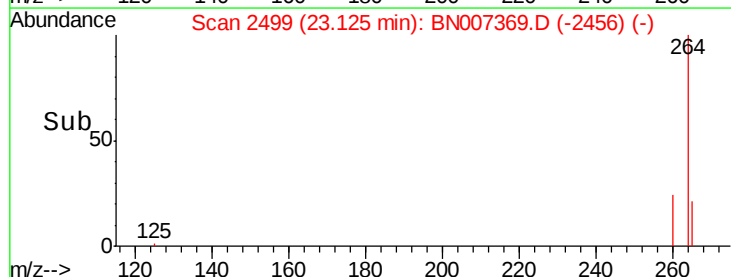
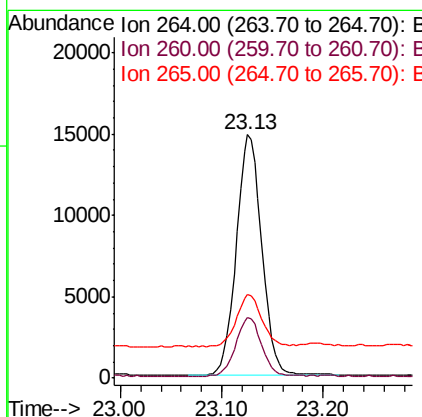
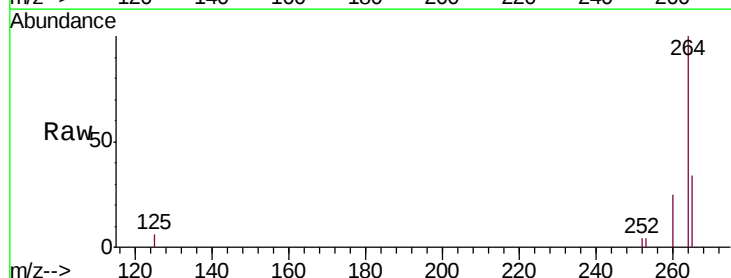
Instrument :
 BNA_N
 ClientSampleId :
 N3-SB1-1.0-1.5-082119MS

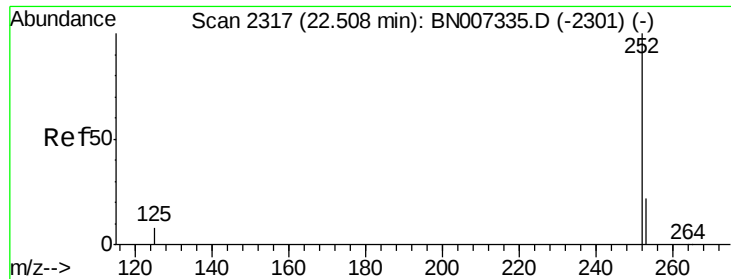
Tot Ion:276 Resp: 44744
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.1 22.7
 277 25.6 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.13 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BN007369.D
 Acq: 24 Aug 2019 18:30

Tgt Ion:264 Resp: 25962
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 34.2 29.9 44.9





#35

Benzo(b)fluoranthene

Concen: 0.498 ng

RT: 22.51 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

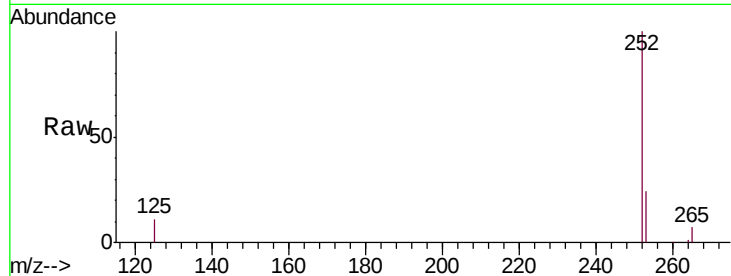
Tot Ion:252 Resp: 46884

Ion Ratio Lower Upper

252 100

253 23.9 19.2 28.8

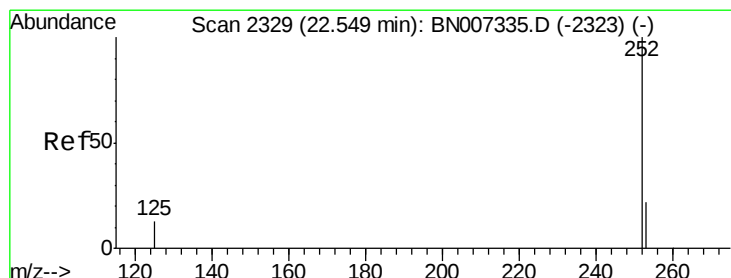
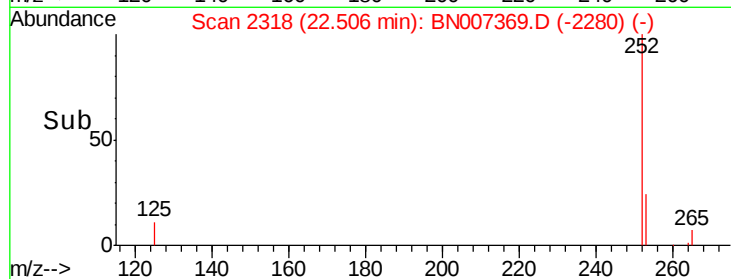
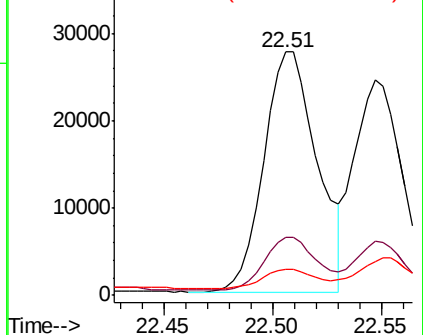
125 10.9 10.6 16.0



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



#36

Benzo(k)fluoranthene

Concen: 0.402 ng

RT: 22.55 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

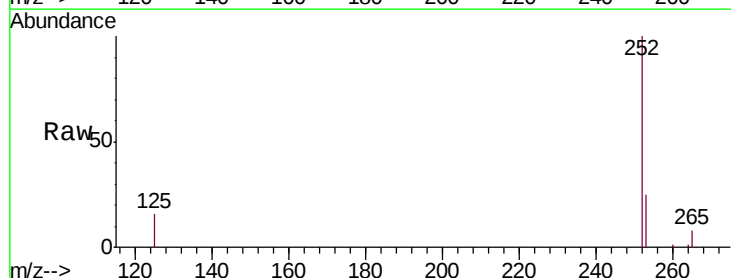
Tgt Ion:252 Resp: 37337

Ion Ratio Lower Upper

252 100

253 24.9 19.4 29.2

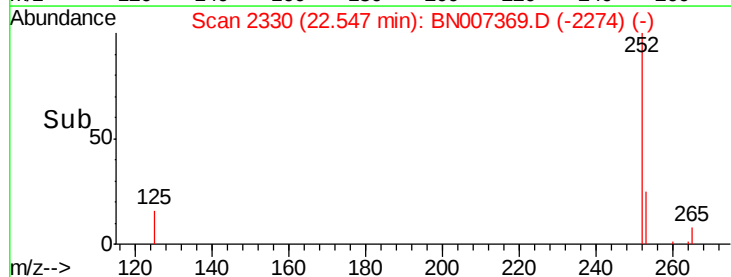
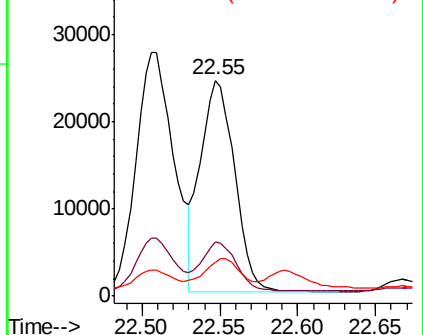
125 15.8 13.1 19.7

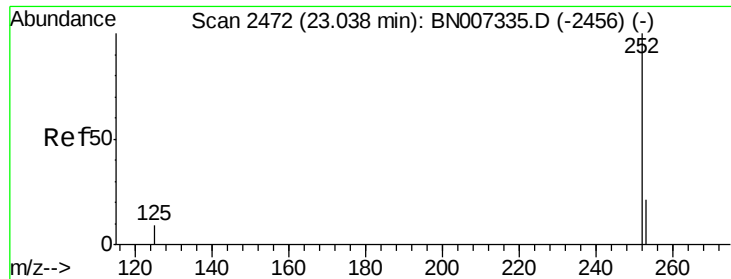


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.461 ng

RT: 23.03 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS

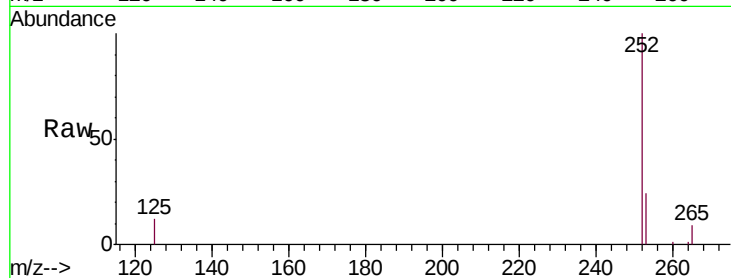
Tot Ion:252 Resp: 41284

Ion Ratio Lower Upper

252 100

253 24.2 19.5 29.3

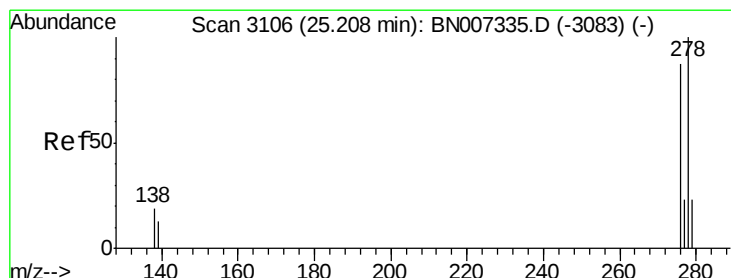
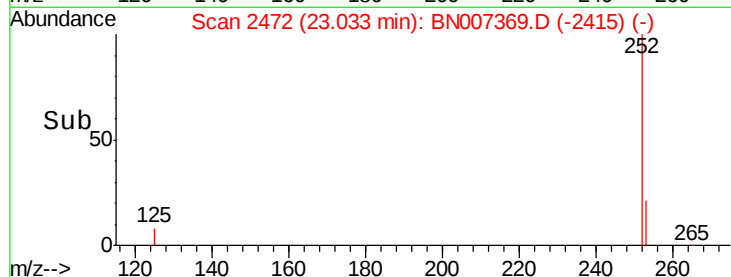
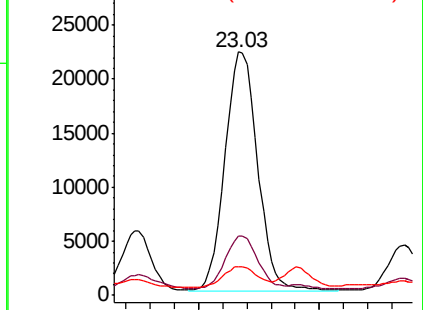
125 11.9 12.1 18.1#



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: 0.353 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN007369.D

Acq: 24 Aug 2019 18:30

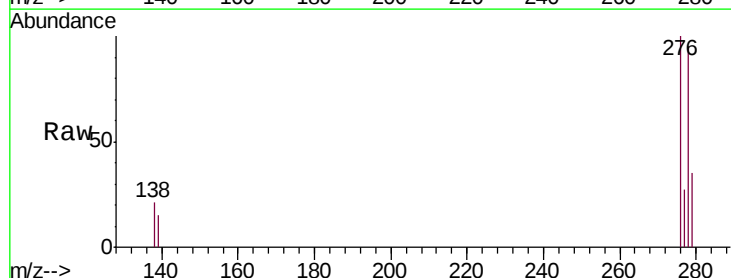
Tgt Ion:278 Resp: 31550

Ion Ratio Lower Upper

278 100

139 15.3 13.7 20.5

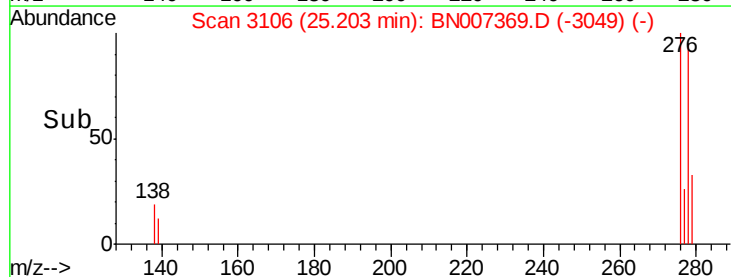
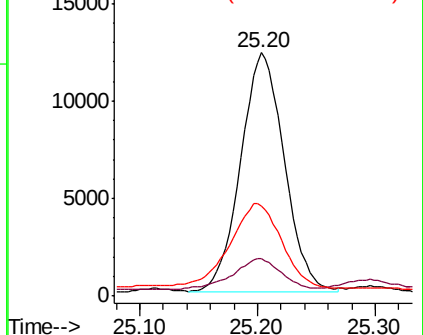
279 37.0 20.2 30.4#

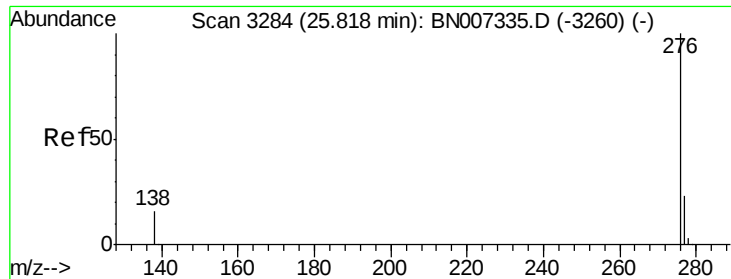


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.453 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007369.D

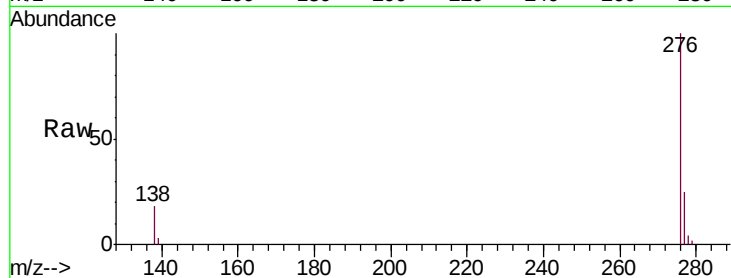
Acq: 24 Aug 2019 18:30

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MS



Tot Ion: 276 Resp: 40317

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 17.8 16.3 24.5

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

