

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082319\
 Data File : BN007358.D
 Acq On : 24 Aug 2019 10:01
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Aug 24 22:49:47 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	5698	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	23689	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12881	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	27912	0.40	ng	0.00
27) Chrysene-d12	21.02	240	28272	0.40	ng	0.00
34) Perylene-d12	23.13	264	31014	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	7804	0.39	ng	0.00
5) Phenol-d6	6.59	99	9610	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	8147	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	16373	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2789	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	21487	0.41	ng	0.00
25) Fluoranthene-d10	18.84	212	38847	0.43	ng	0.00
29) Terphenyl-d14	19.47	244	30720	0.42	ng	0.00

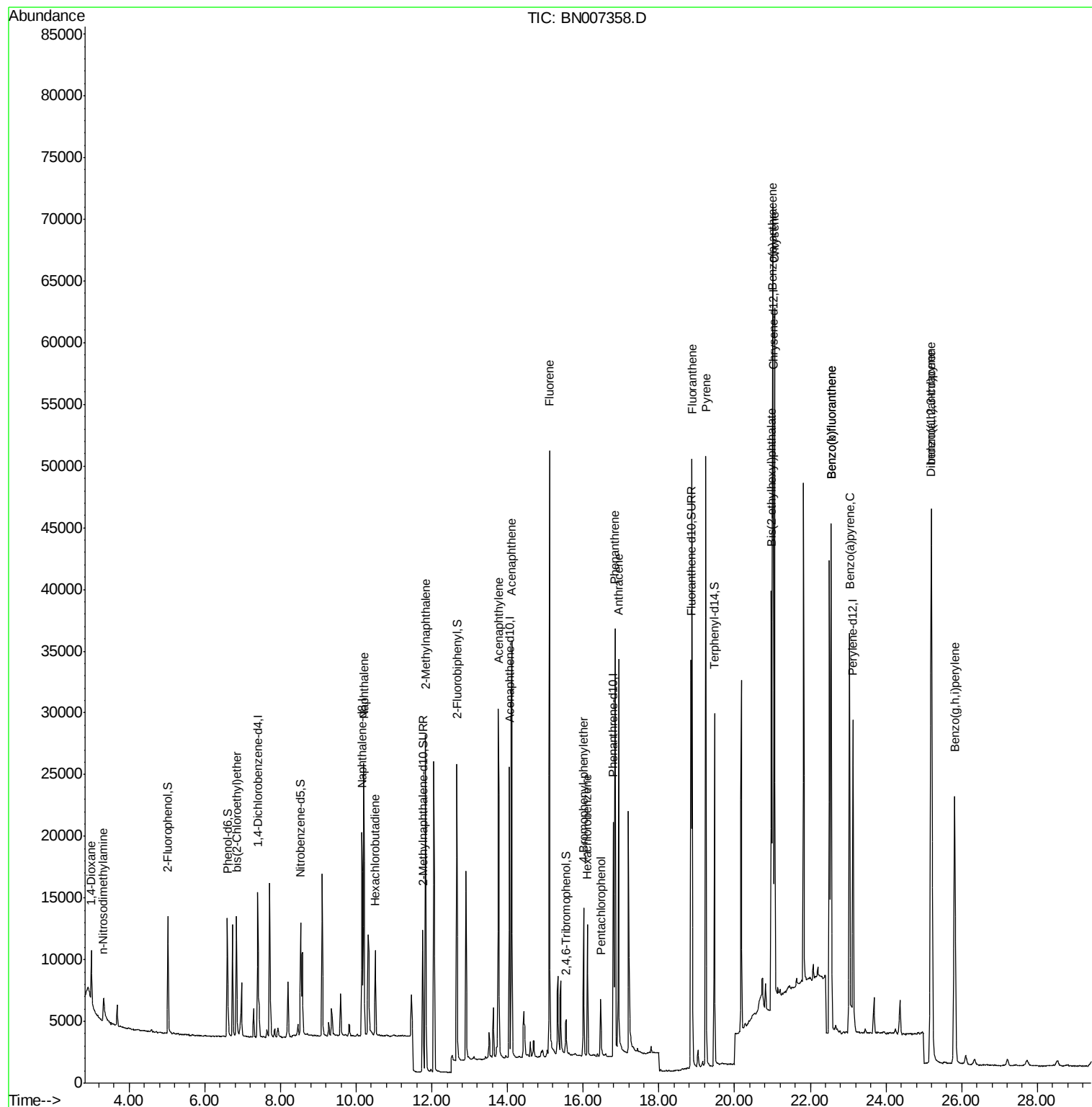
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	3490	0.369	ng	# 81
3) n-Nitrosodimethylamine	3.32	42	1597	0.363	ng	# 89
6) bis(2-Chloroethyl)ether	6.84	93	8031	0.390	ng	98
9) Naphthalene	10.20	128	27997	0.414	ng	# 91
10) Hexachlorobutadiene	10.51	225	5775	0.416	ng	# 97
12) 2-Methylnaphthalene	11.83	142	18952	0.411	ng	98
16) Acenaphthylene	13.76	152	33596	0.441	ng	100
17) Acenaphthene	14.11	154	18607	0.417	ng	97
18) Fluorene	15.10	166	24214	0.429	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	4560	0.414	ng	96
21) Hexachlorobenzene	16.11	284	8435	0.451	ng	96
22) Pentachlorophenol	16.46	266	2751	0.473	ng	# 64
23) Phenanthrene	16.84	178	36567	0.436	ng	100
24) Anthracene	16.93	178	35337	0.418	ng	98
26) Fluoranthene	18.87	202	46484	0.431	ng	100
28) Pyrene	19.24	202	47353	0.416	ng	100
30) Benzo(a)anthracene	21.00	228	46953	0.423	ng	98
31) Chrysene	21.06	228	45840	0.428	ng	99
32) Bis(2-ethylhexyl)phthalate	20.97	149	29121	0.386	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	53663	0.416	ng	99
35) Benzo(b)fluoranthene	22.55	252	46753	0.416	ng	99
36) Benzo(k)fluoranthene	22.55	252	46753	0.421	ng	# 96
37) Benzo(a)pyrene	23.04	252	43914	0.411	ng	# 96
38) Dibenzo(a,h)anthracene	25.21	278	43527	0.408	ng	96
39) Benzo(g,h,i)perylene	25.81	276	43905	0.413	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: 7.40 min Scan# 568

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

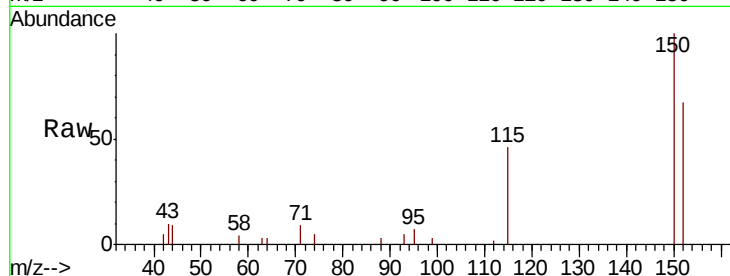
Tgt Ion:152 Resp: 5698

Ion Ratio Lower Upper

152 100

150 150.1 109.1 163.7

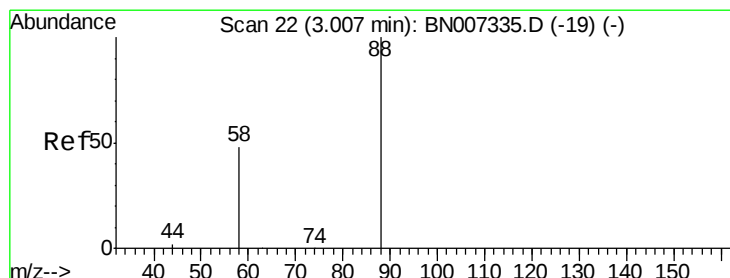
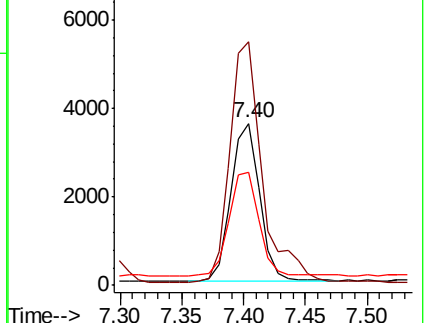
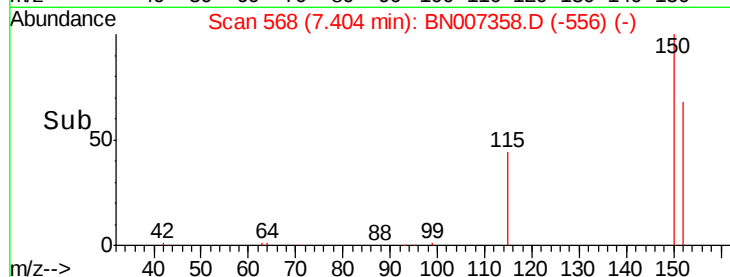
115 69.5 59.6 89.4



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: 0.369 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

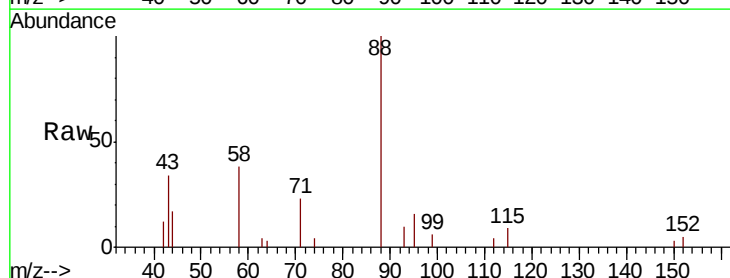
Tgt Ion: 88 Resp: 3490

Ion Ratio Lower Upper

88 100

58 48.1 50.5 75.7#

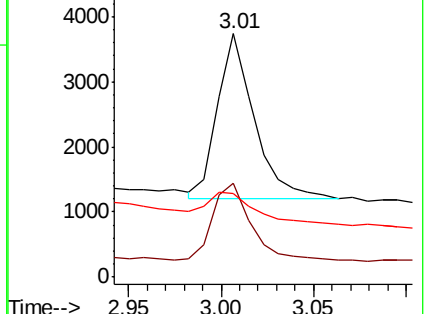
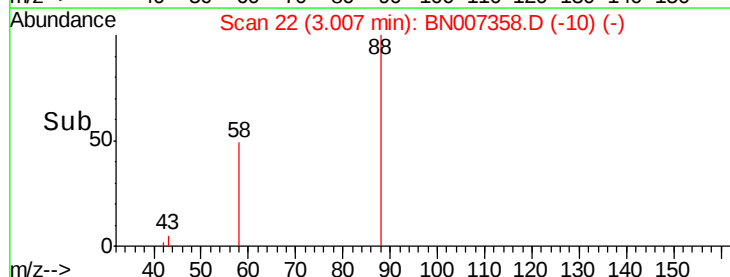
43 27.3 0.0 0.0#



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: 0.363 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

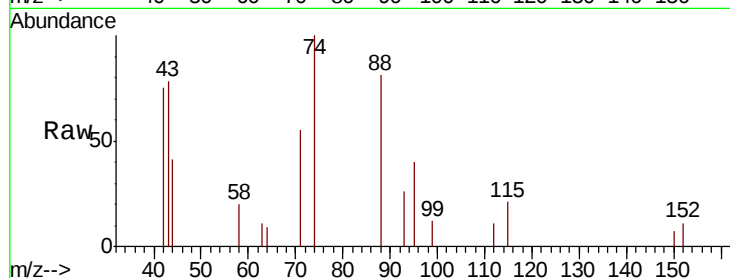
Tgt Ion: 42 Resp: 1597

Ion Ratio Lower Upper

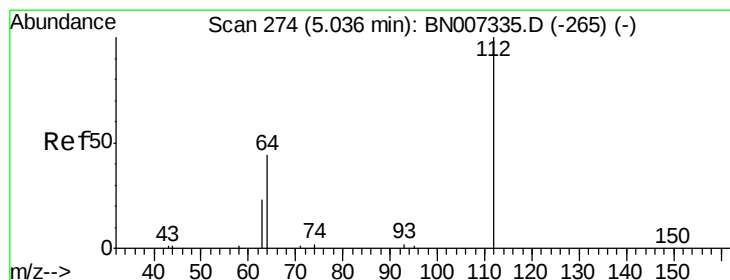
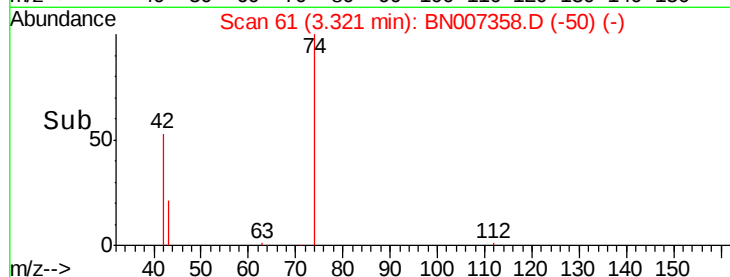
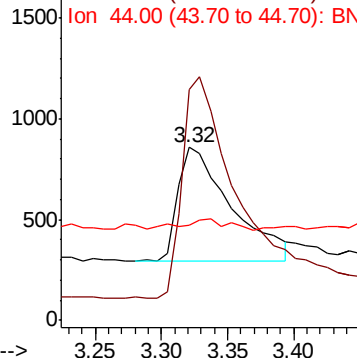
42 100

74 196.2 144.7 217.1

44 7.7 3.2 4.8#



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: 0.394 ng

RT: 5.03 min Scan# 273

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

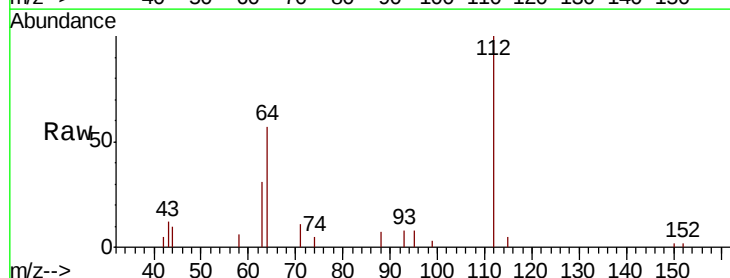
Tgt Ion: 112 Resp: 7804

Ion Ratio Lower Upper

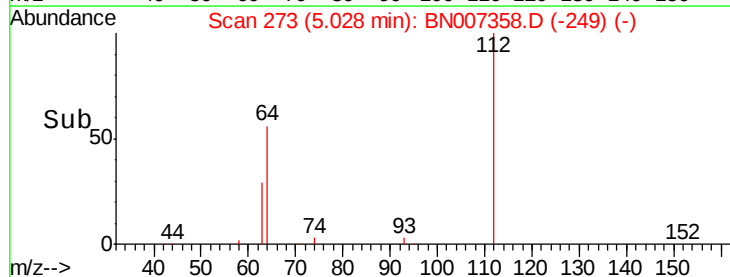
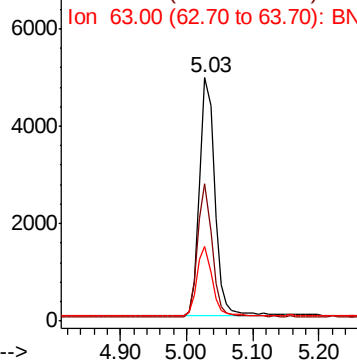
112 100

64 53.2 42.3 63.5

63 28.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

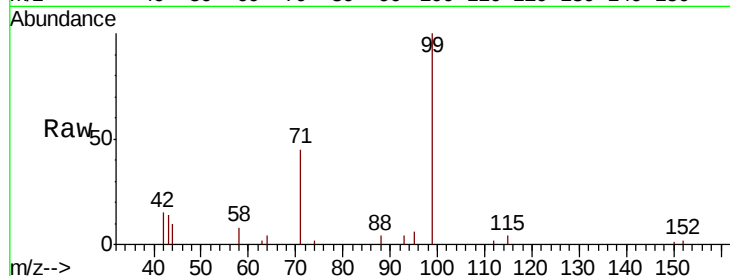
Tgt Ion: 99 Resp: 9610

Ion Ratio Lower Upper

99 100

42 12.7 11.2 16.8

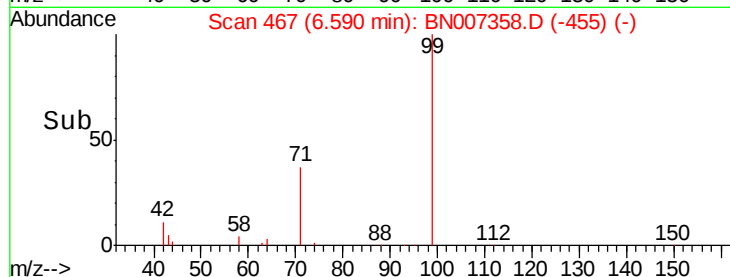
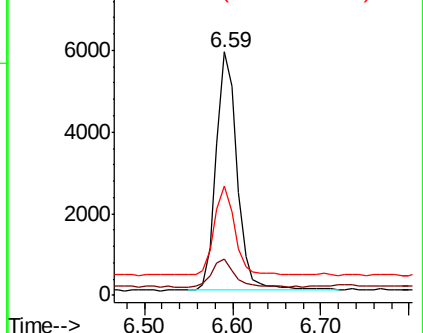
71 35.7 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.390 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

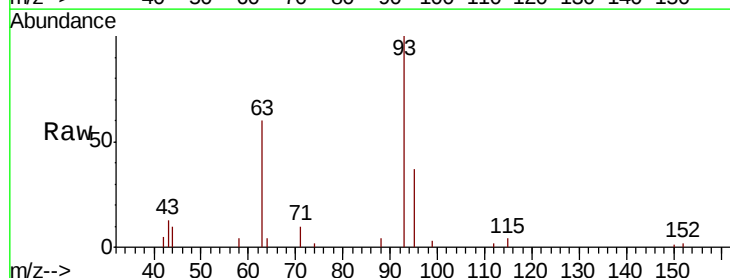
Tgt Ion: 93 Resp: 8031

Ion Ratio Lower Upper

93 100

63 63.5 51.9 77.9

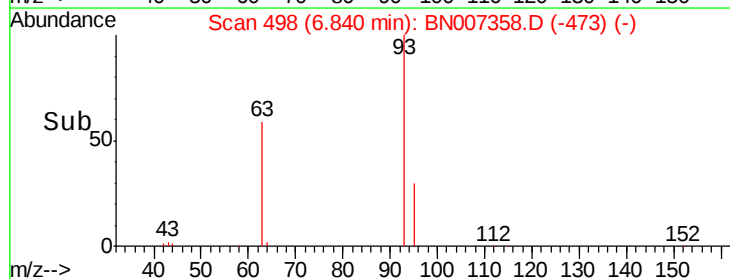
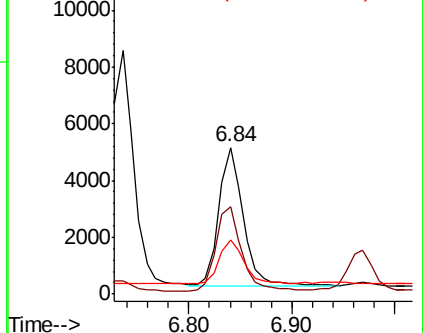
95 32.8 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007335.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007335.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007335.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 23689

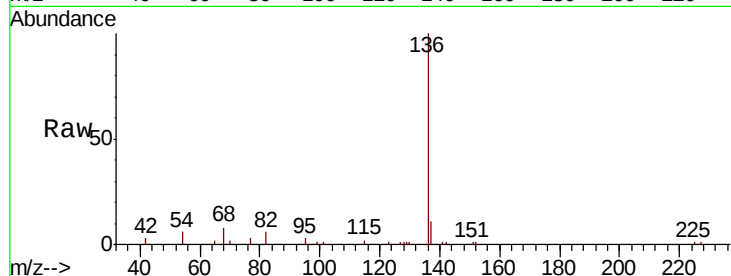
Ion Ratio Lower Upper

136 100

137 11.4 12.9 19.3#

54 6.2 8.6 12.8#

68 7.8 17.0 25.4#

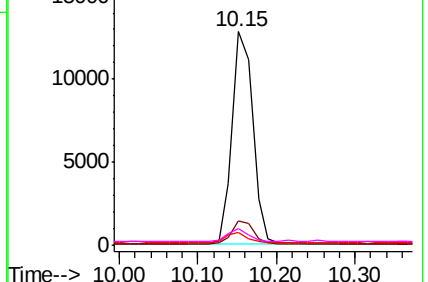
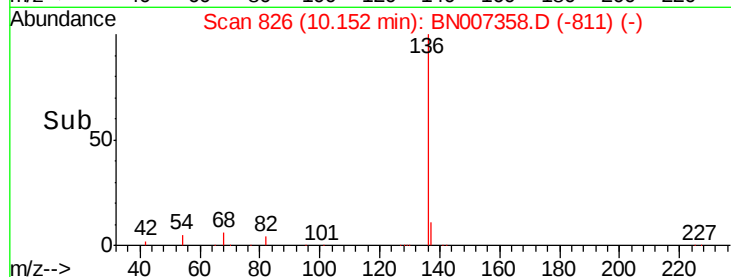


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

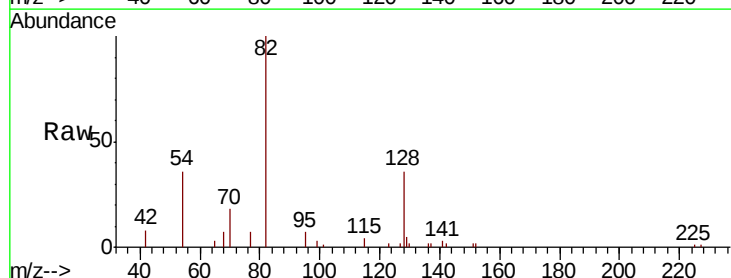
Tgt Ion: 82 Resp: 8147

Ion Ratio Lower Upper

82 100

128 36.1 19.7 29.5#

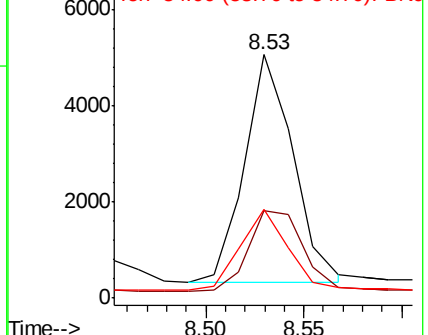
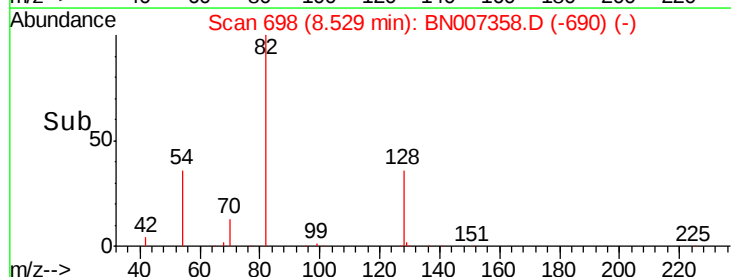
54 36.3 25.8 38.6



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: 0.414 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

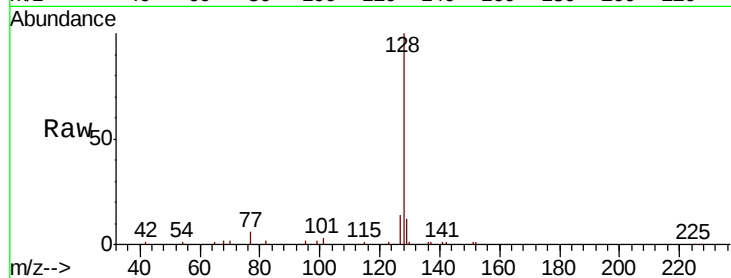
Tgt Ion:128 Resp: 27997

Ion Ratio Lower Upper

128 100

129 11.6 11.1 16.7

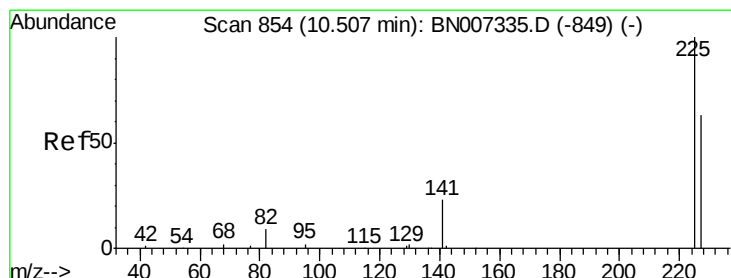
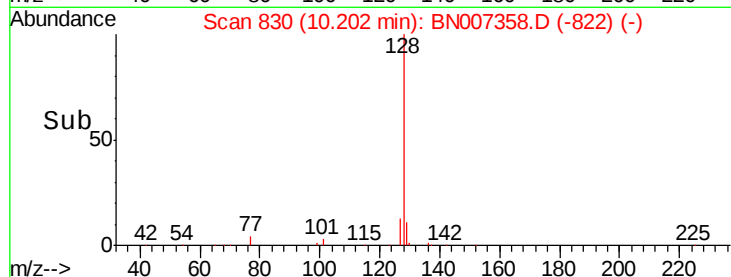
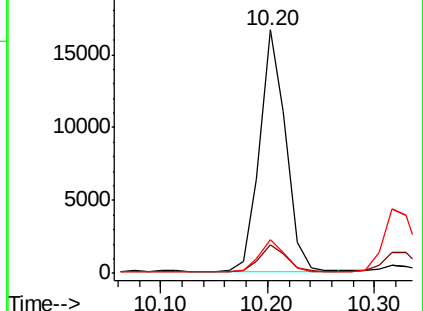
127 14.0 15.5 23.3#



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



#10

Hexachlorobutadiene

Concen: 0.416 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

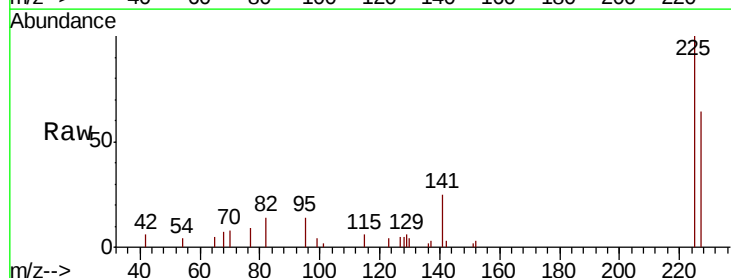
Tgt Ion:225 Resp: 5775

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

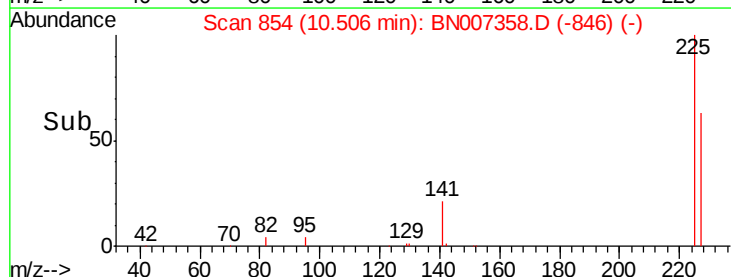
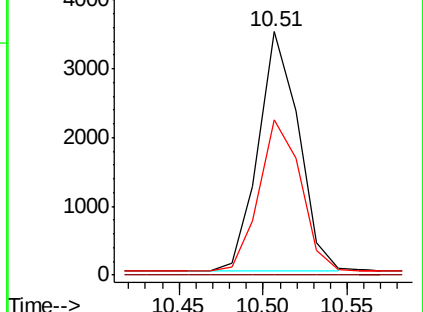
227 65.4 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.416 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

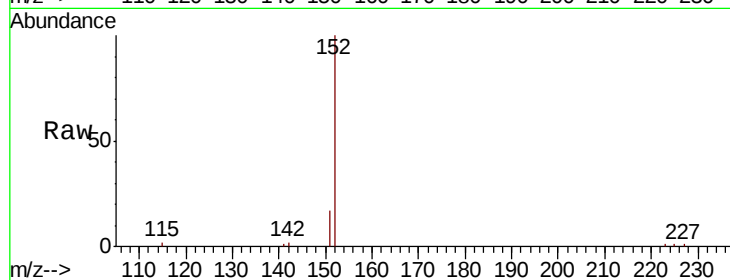
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16373

Ion Ratio Lower Upper

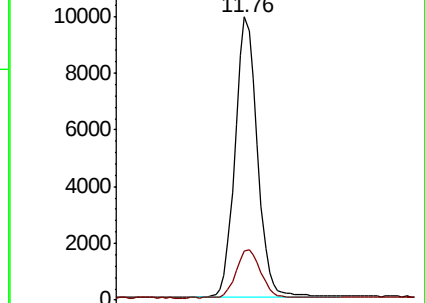
152 100

151 18.9 16.2 24.2

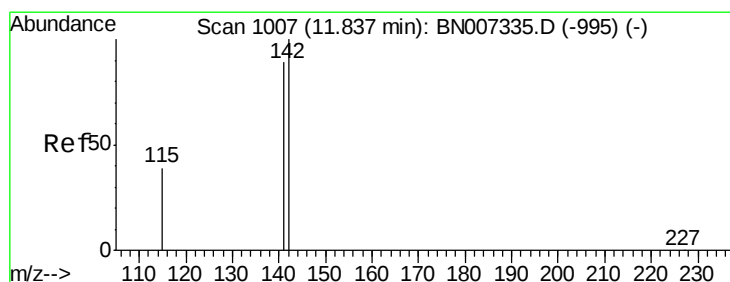
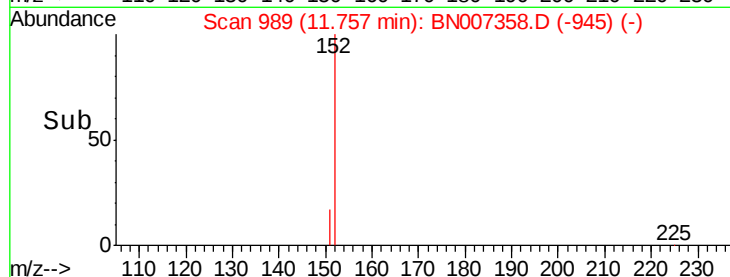


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#12

2-Methylnaphthalene

Concen: 0.411 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

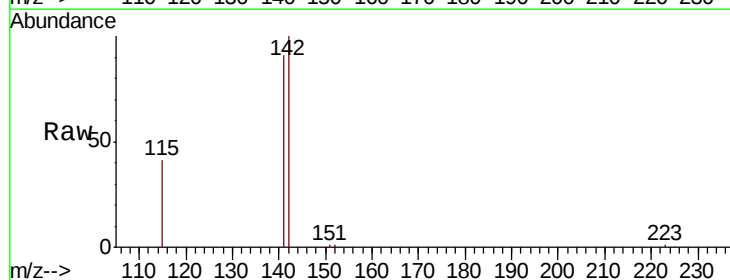
Tgt Ion:142 Resp: 18952

Ion Ratio Lower Upper

142 100

141 91.0 72.8 109.2

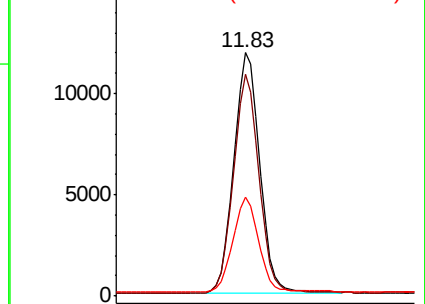
115 40.5 35.2 52.8



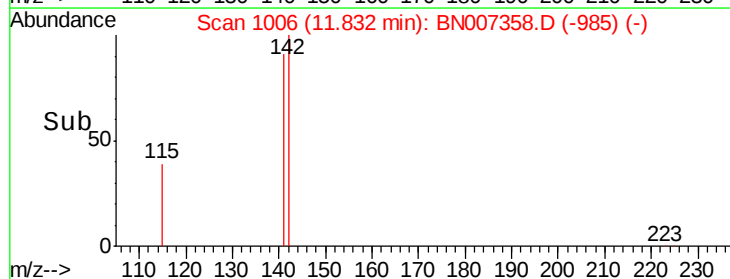
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

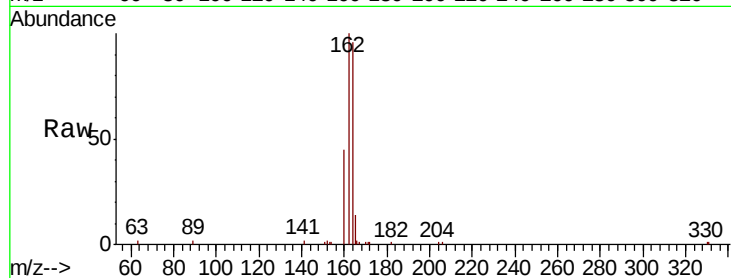
Tgt Ion:164 Resp: 12881

Ion Ratio Lower Upper

164 100

162 104.4 83.5 125.3

160 46.8 38.2 57.4

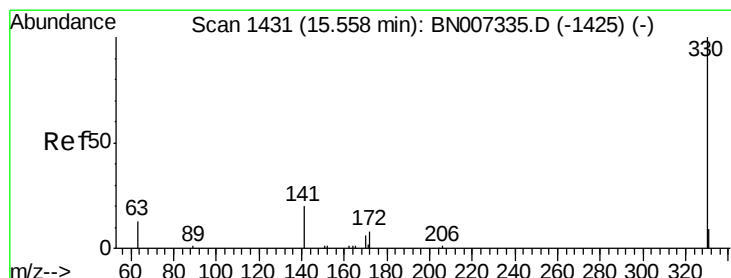
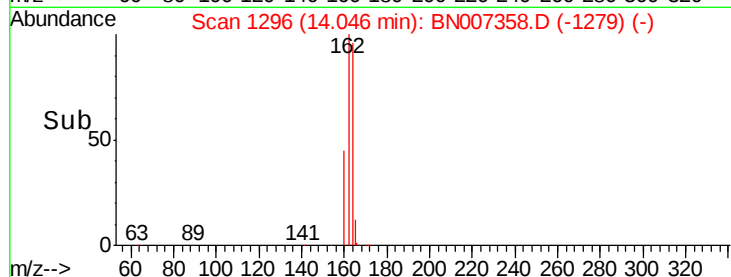
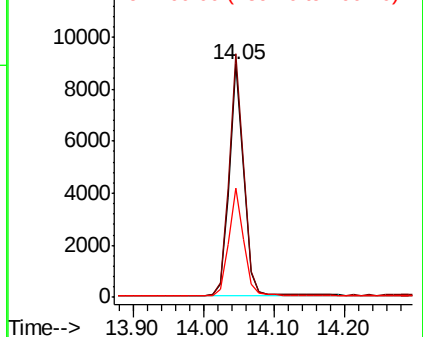


Abundance

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: 0.414 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

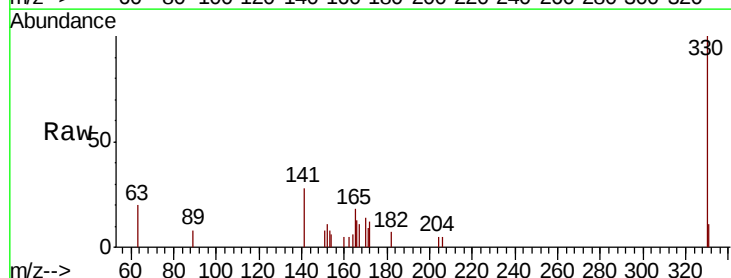
Tgt Ion:330 Resp: 2789

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.6 26.9 40.3

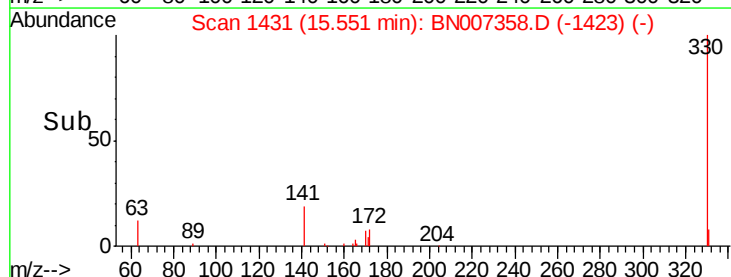
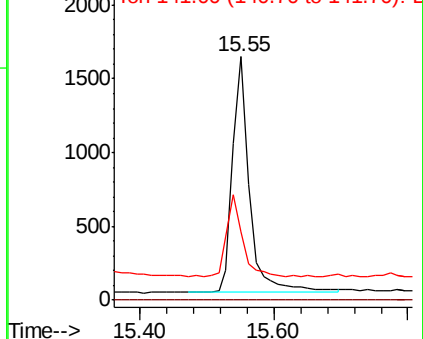


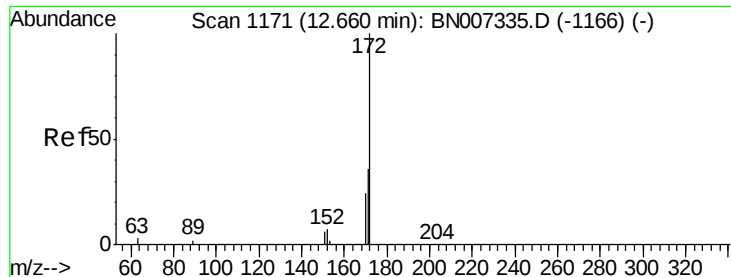
Abundance

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: 0.414 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

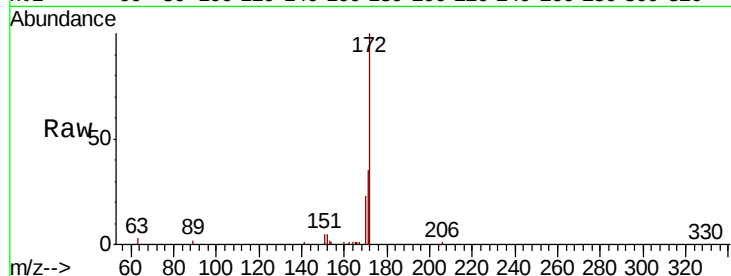
Tgt Ion:172 Resp: 21487

Ion Ratio Lower Upper

172 100

171 35.0 30.3 45.5

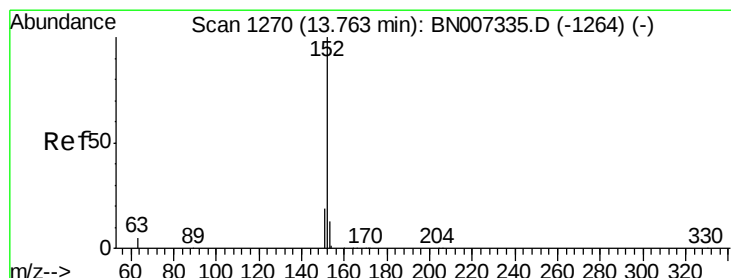
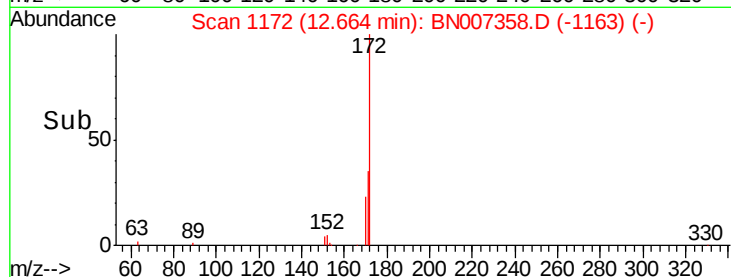
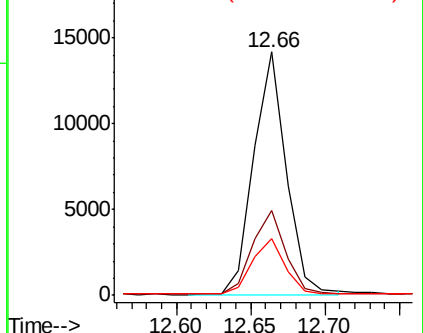
170 23.1 20.7 31.1



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: 0.441 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

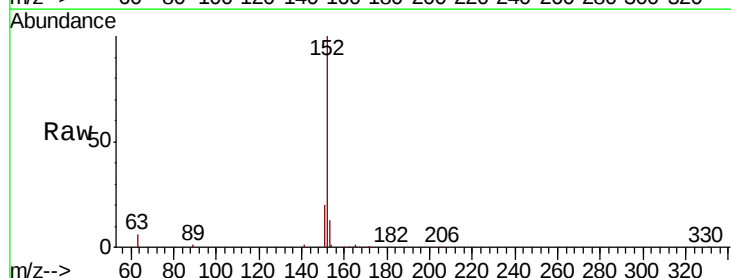
Tgt Ion:152 Resp: 33596

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

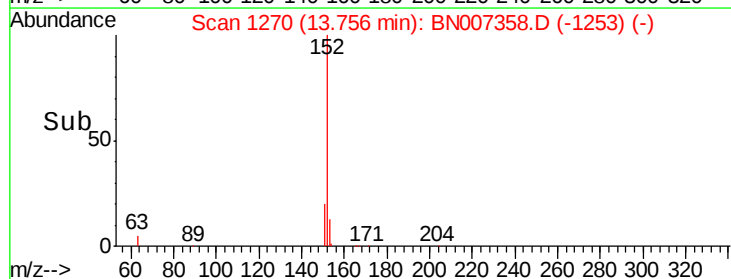
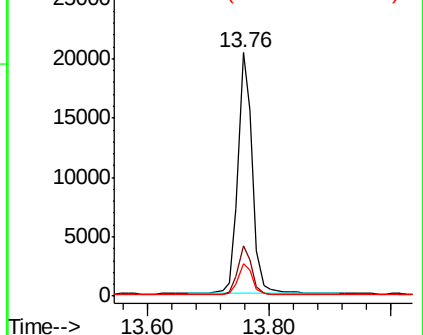
153 12.9 10.6 15.8

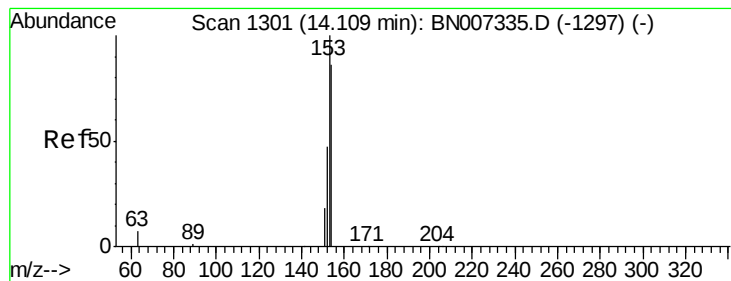


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.417 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

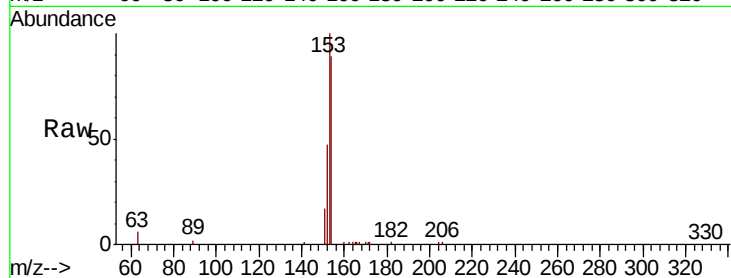
Tgt Ion:154 Resp: 18607

Ion Ratio Lower Upper

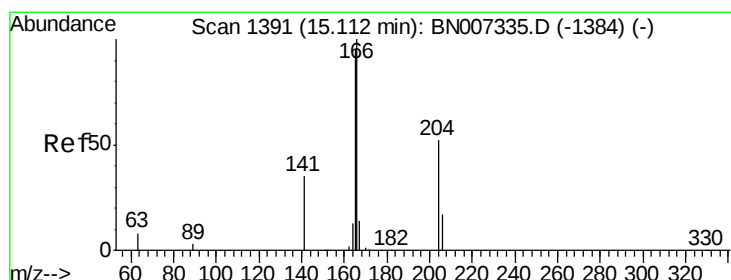
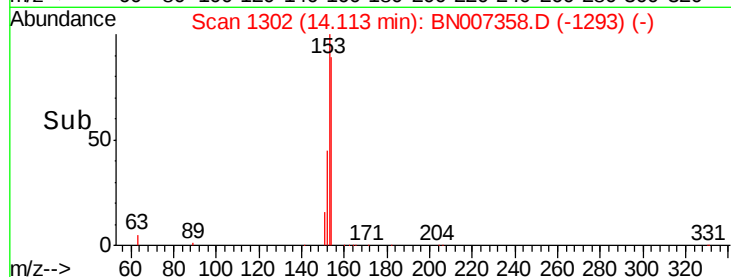
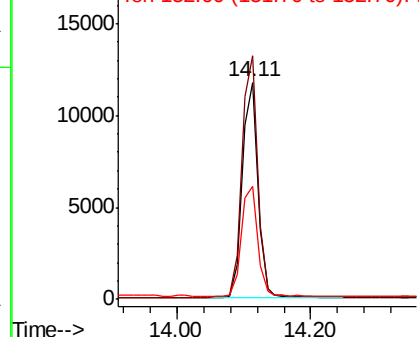
154 100

153 112.4 92.8 139.2

152 53.0 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: 0.429 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

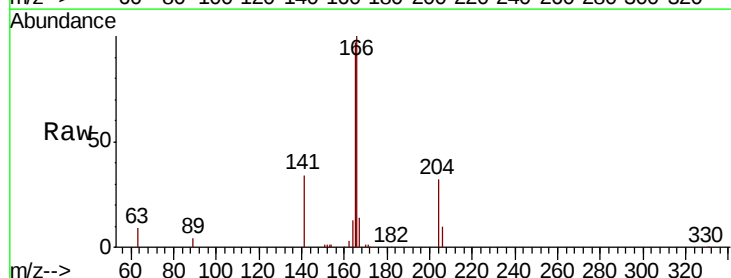
Tgt Ion:166 Resp: 24214

Ion Ratio Lower Upper

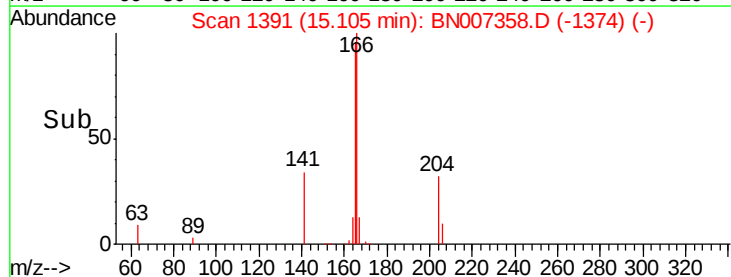
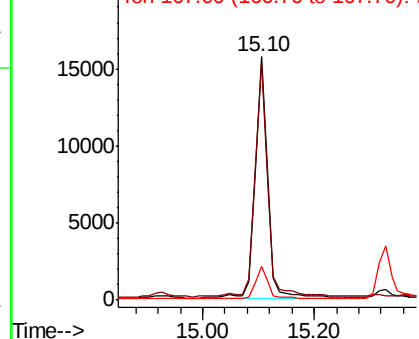
166 100

165 100.1 79.0 118.4

167 13.0 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: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

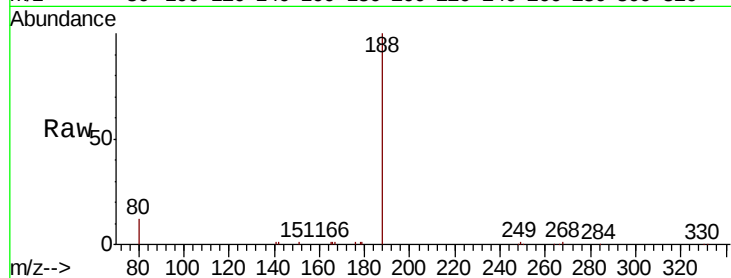
Tgt Ion:188 Resp: 27912

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

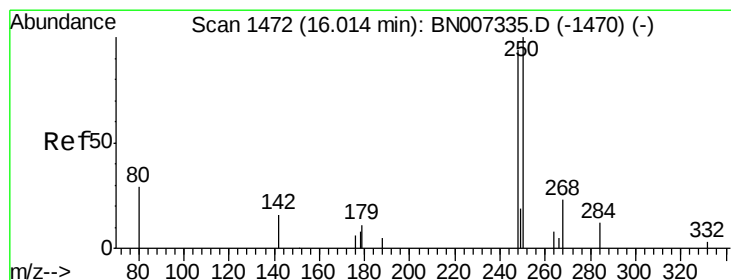
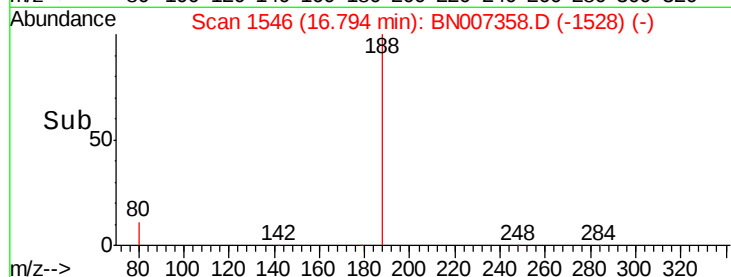
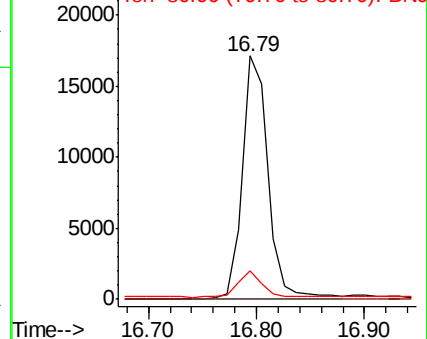
80 12.0 11.8 17.8



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: 0.414 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

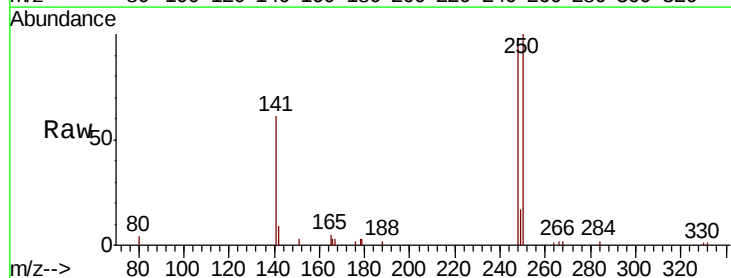
Tgt Ion:248 Resp: 4560

Ion Ratio Lower Upper

248 100

250 102.1 85.0 127.6

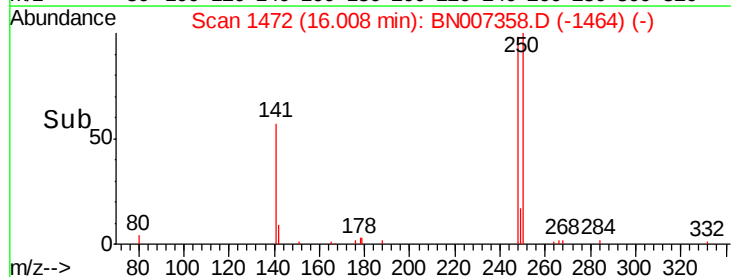
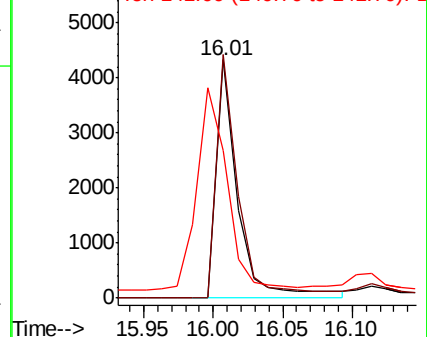
141 61.9 51.7 77.5



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

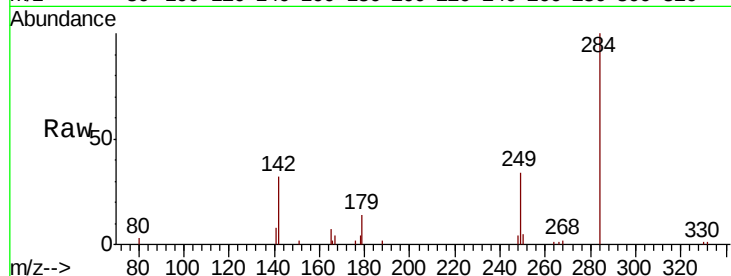




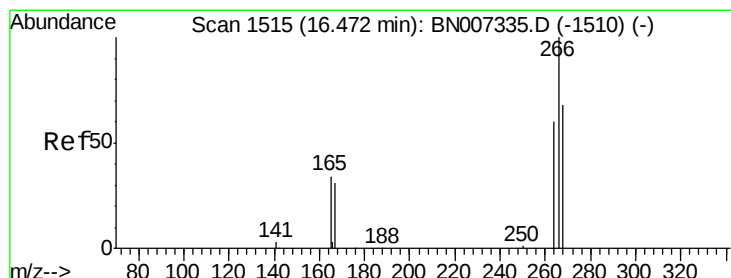
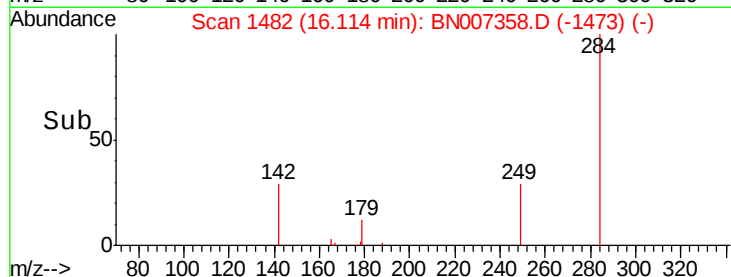
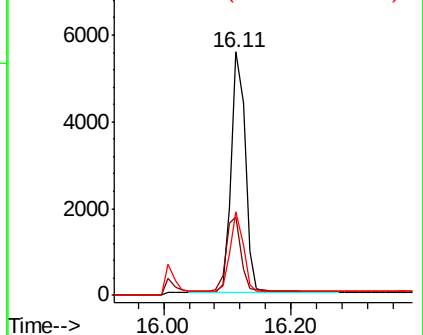
#21
Hexachlorobenzene
Concen: 0.451 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	29.0	43.6
249	30.9	24.9	37.3

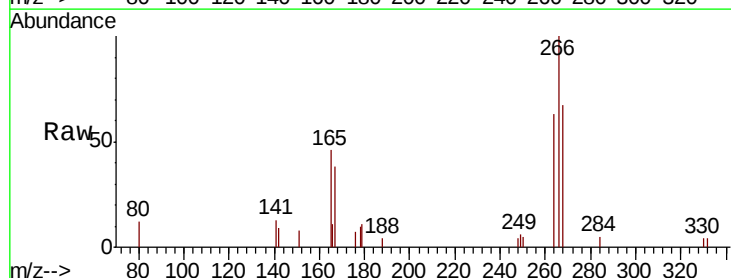


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

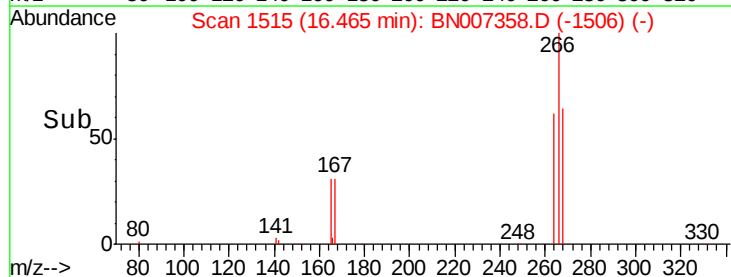
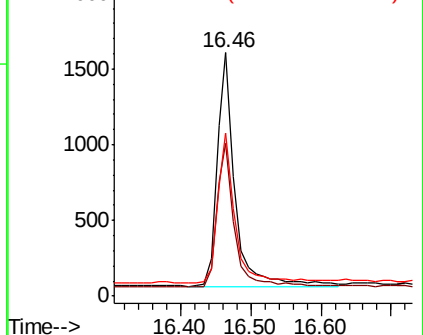


#22
Pentachlorophenol
Concen: 0.473 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007358.D
Acq: 24 Aug 2019 10:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	57.8	86.8
268	66.7	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: 0.436 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

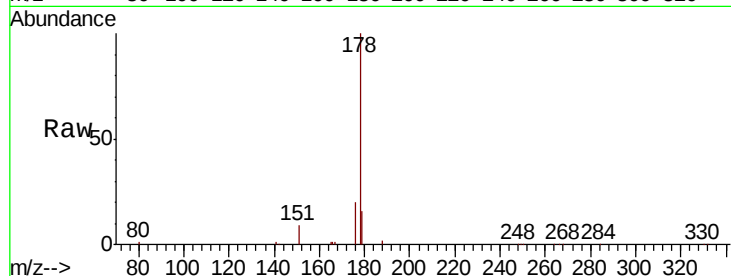
Tgt Ion:178 Resp: 36567

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

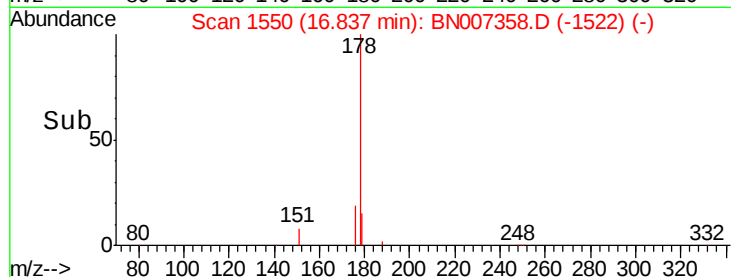
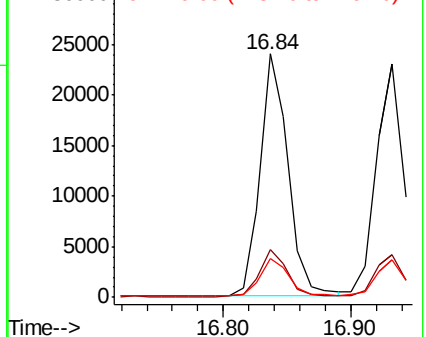
179 15.7 12.6 19.0



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: 0.418 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

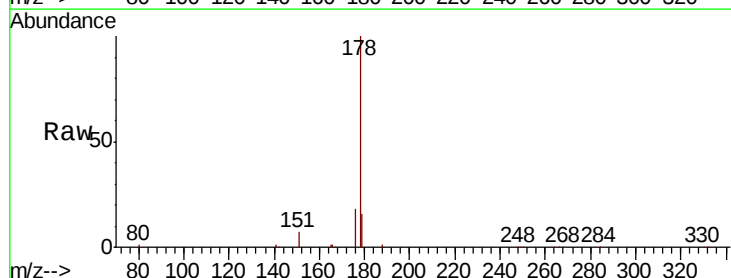
Tgt Ion:178 Resp: 35337

Ion Ratio Lower Upper

178 100

176 17.9 14.9 22.3

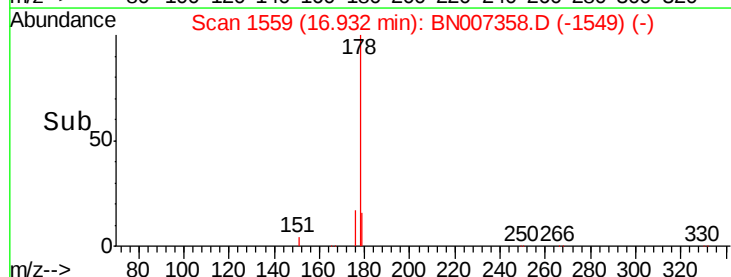
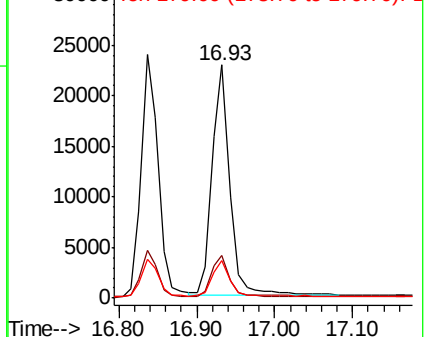
179 14.5 12.4 18.6

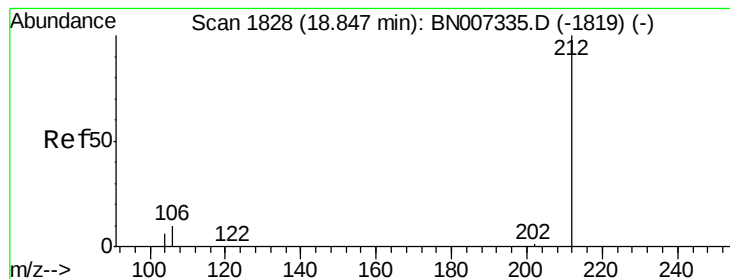


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.432 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

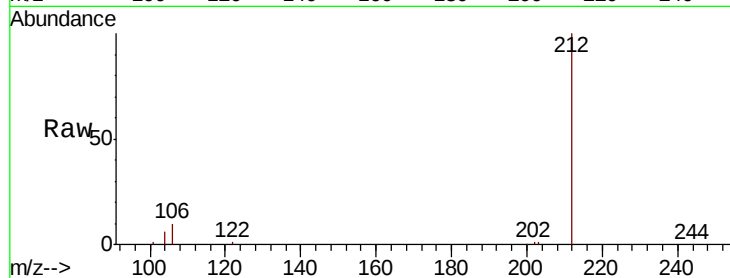
Tgt Ion:212 Resp: 38847

Ion Ratio Lower Upper

212 100

106 10.9 9.0 13.4

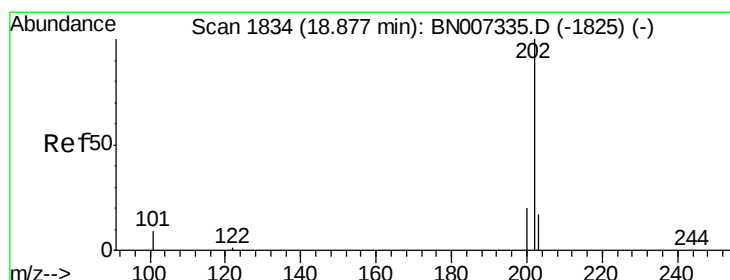
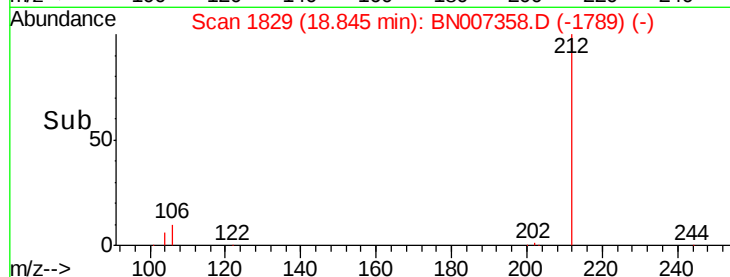
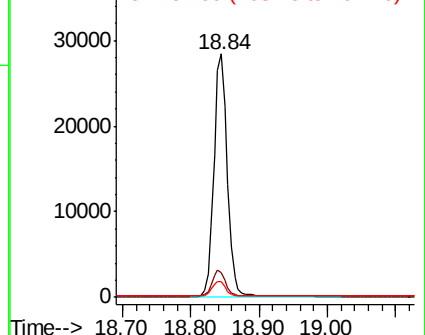
104 6.4 5.4 8.2



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: 0.431 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

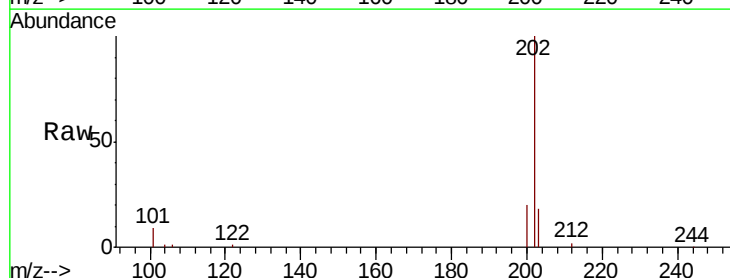
Tgt Ion:202 Resp: 46484

Ion Ratio Lower Upper

202 100

101 9.4 7.7 11.5

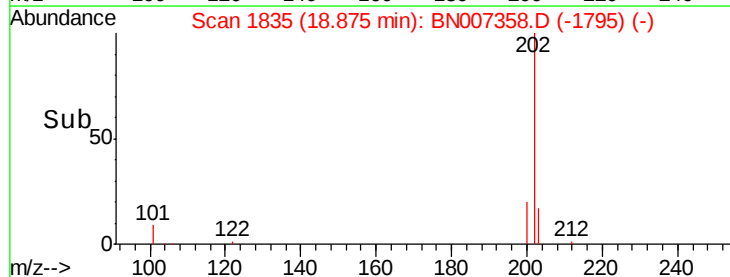
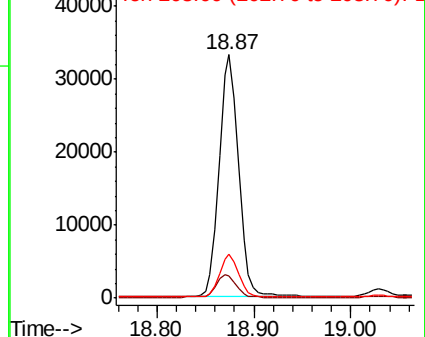
203 17.1 13.7 20.5

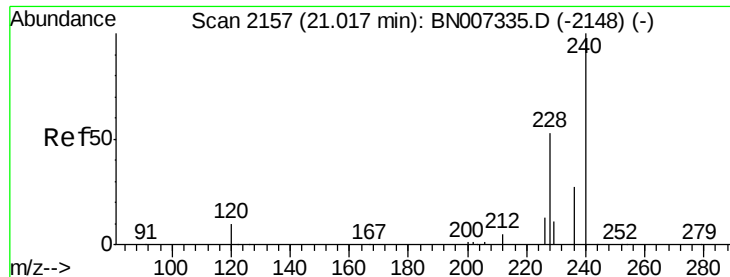


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

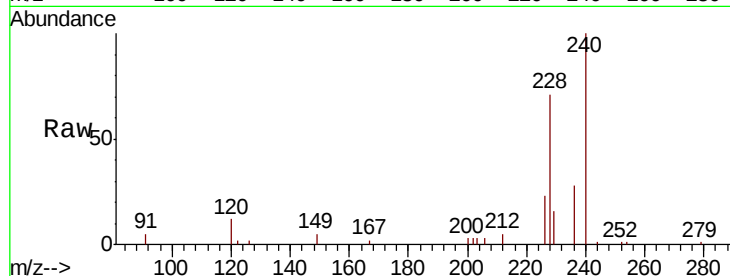
Tgt Ion:240 Resp: 28272

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

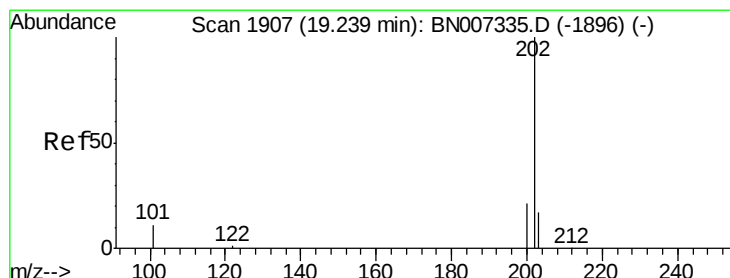
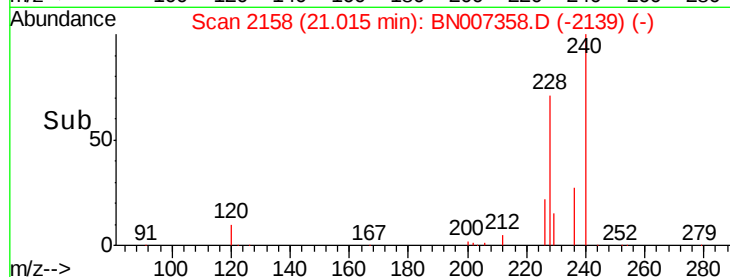
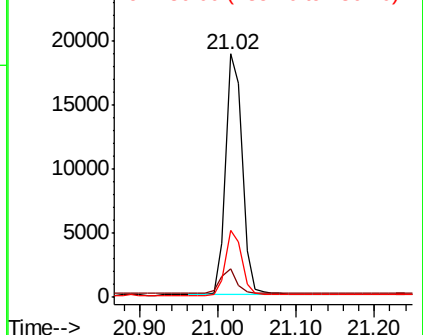
236 27.7 22.2 33.2



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: 0.416 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

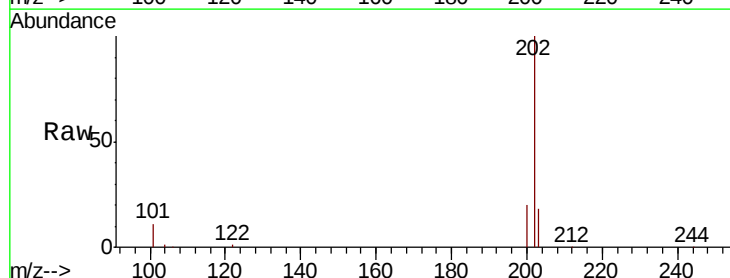
Tgt Ion:202 Resp: 47353

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

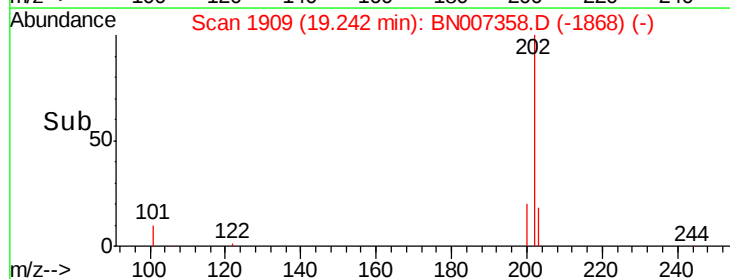
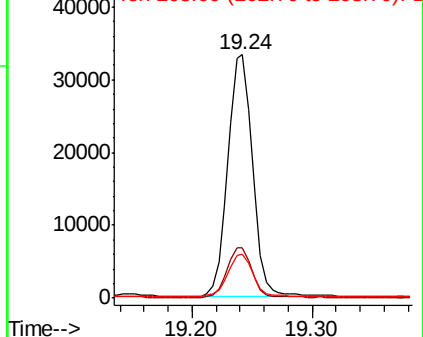
203 17.9 14.2 21.4



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: 0.415 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

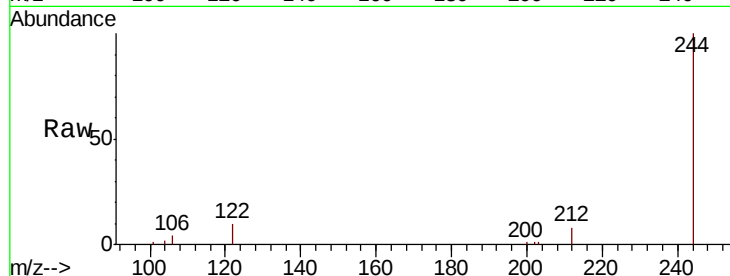
Tgt Ion:244 Resp: 30720

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

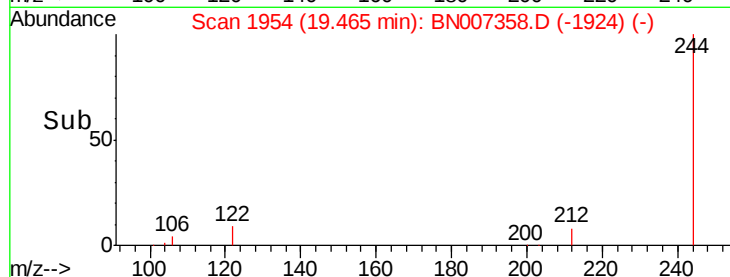
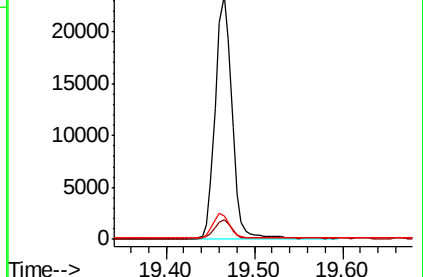
122 9.9 9.6 14.4



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: 0.423 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

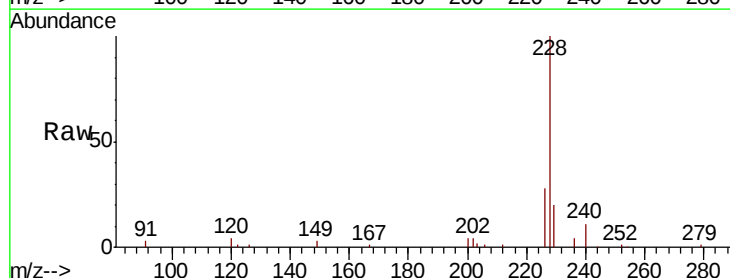
Tgt Ion:228 Resp: 46953

Ion Ratio Lower Upper

228 100

226 27.9 21.3 31.9

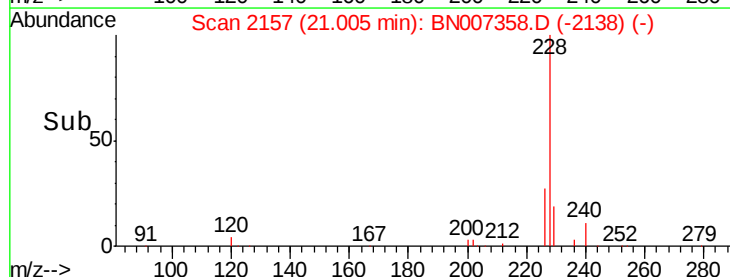
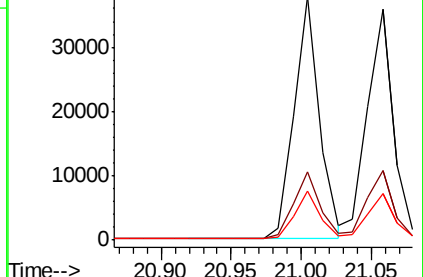
229 20.0 16.1 24.1



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: 0.428 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

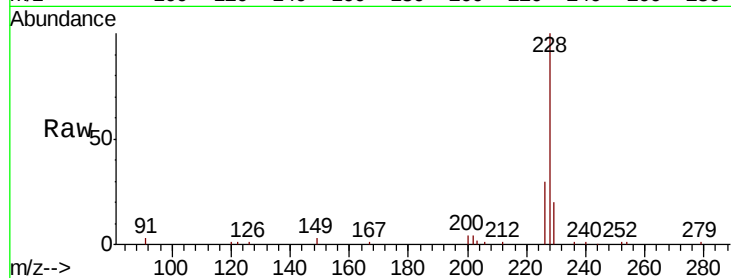
Tgt Ion:228 Resp: 45840

Ion Ratio Lower Upper

228 100

226 29.9 23.5 35.3

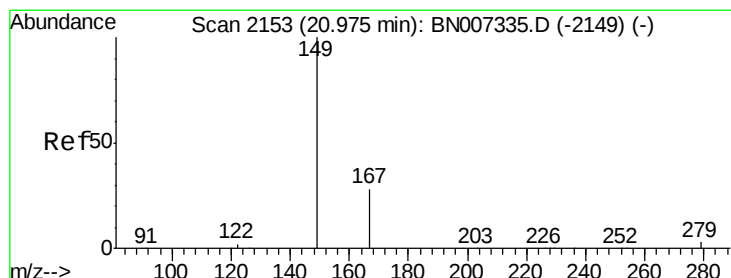
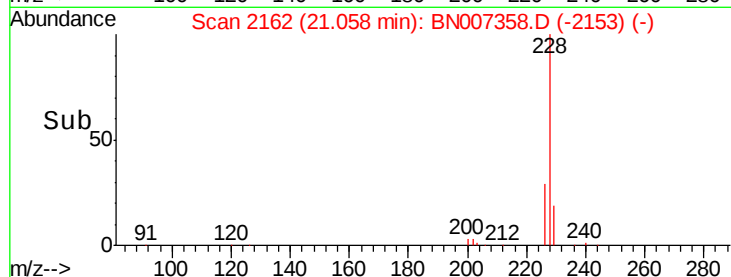
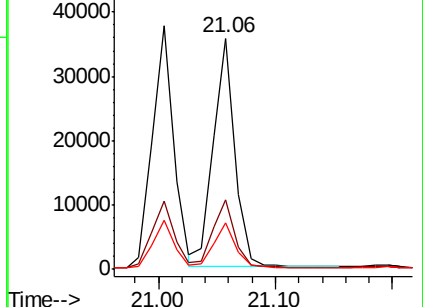
229 19.9 16.6 24.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.386 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

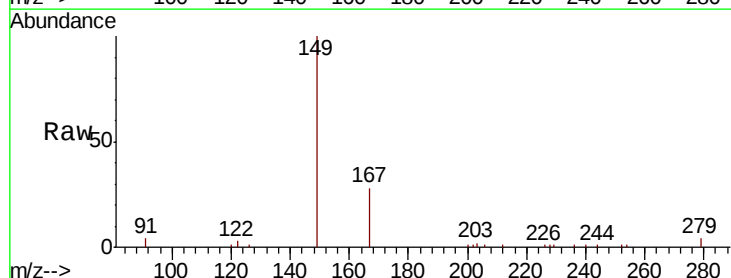
Tgt Ion:149 Resp: 29121

Ion Ratio Lower Upper

149 100

167 28.1 22.8 34.2

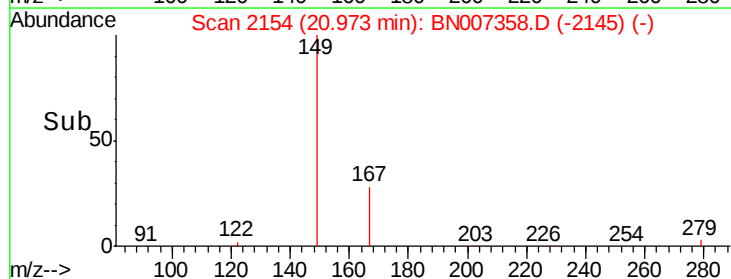
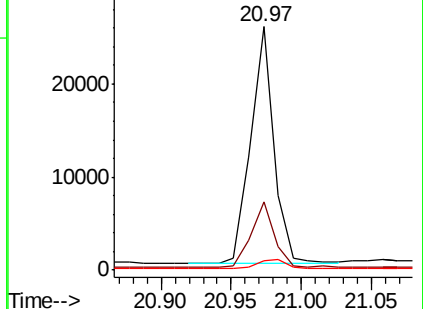
279 4.6 3.5 5.3



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: 0.416 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

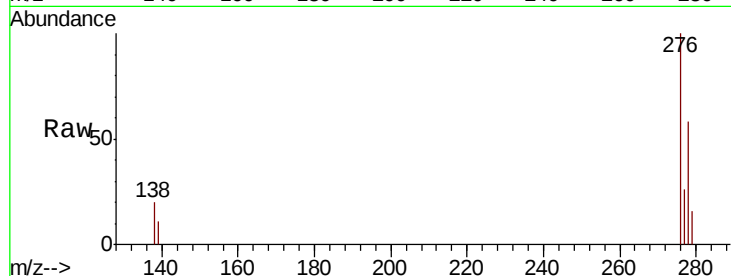
Tgt Ion:276 Resp: 53663

Ion Ratio Lower Upper

276 100

138 19.4 15.1 22.7

277 24.5 19.7 29.5

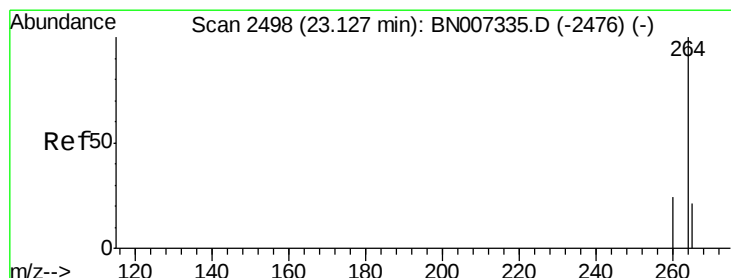
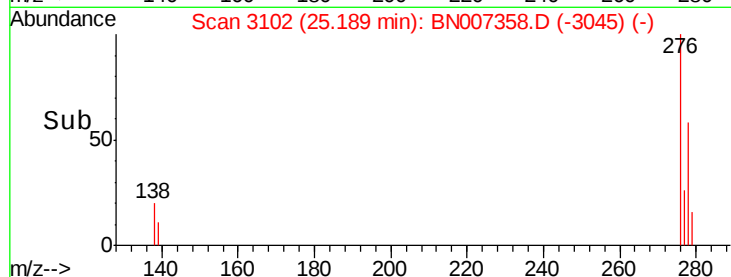
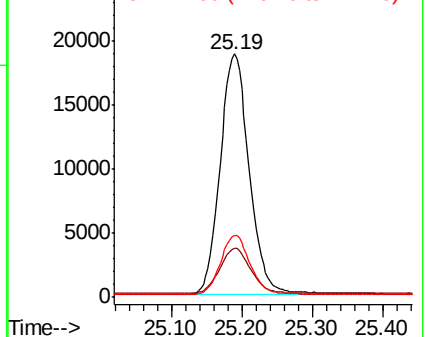


Abundance

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

Perylene-d12

Concen: 0.400 ng

RT: 23.13 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

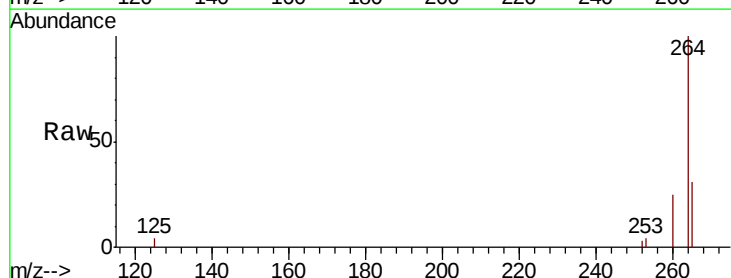
Tgt Ion:264 Resp: 31014

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 31.5 29.9 44.9

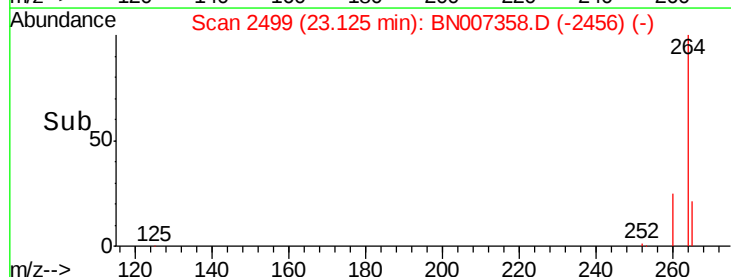
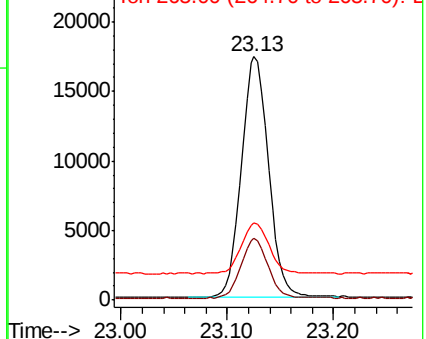


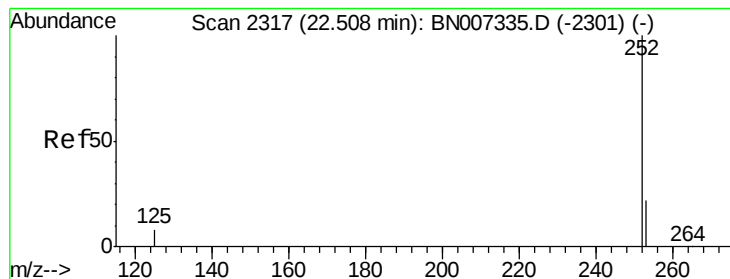
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.416 ng

RT: 22.55 min Scan# 2330

Delta R.T. 0.04 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

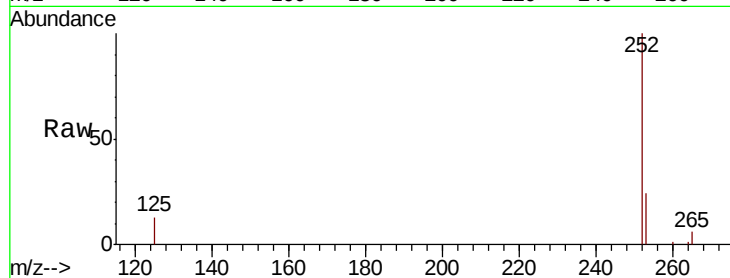
Tgt Ion:252 Resp: 46753

Ion Ratio Lower Upper

252 100

253 23.5 19.2 28.8

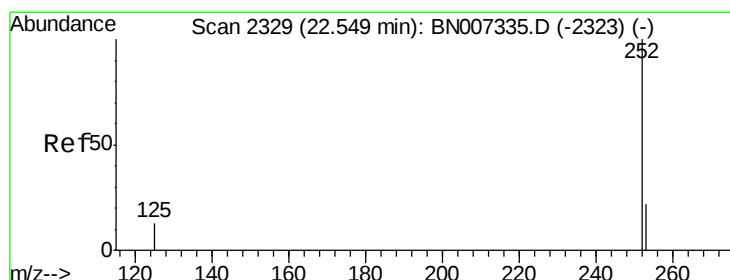
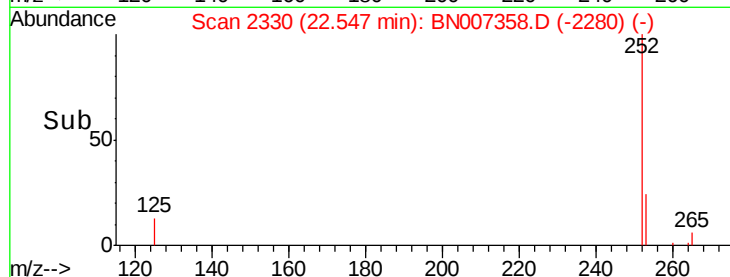
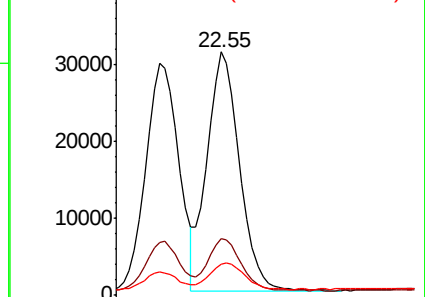
125 12.9 10.6 16.0



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: 0.421 ng

RT: 22.55 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

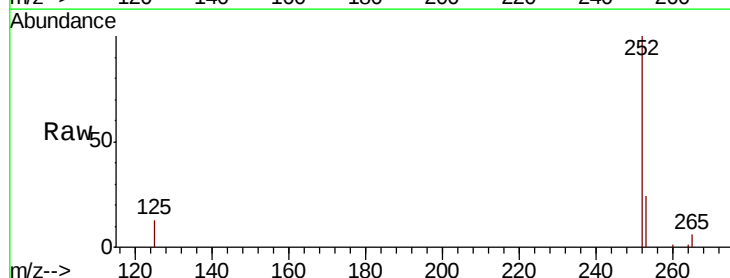
Tgt Ion:252 Resp: 46753

Ion Ratio Lower Upper

252 100

253 23.5 19.4 29.2

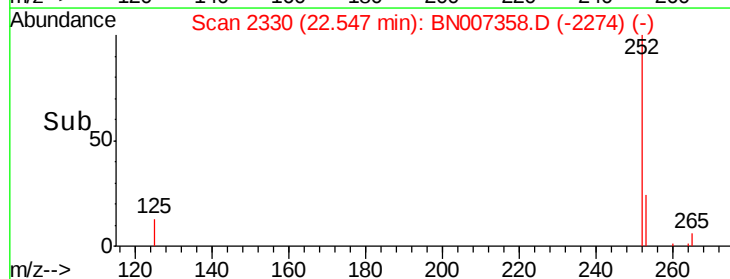
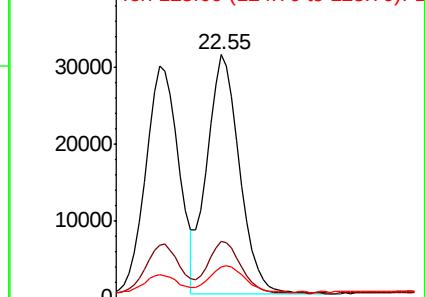
125 12.9 13.1 19.7#



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: 0.411 ng

RT: 23.04 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

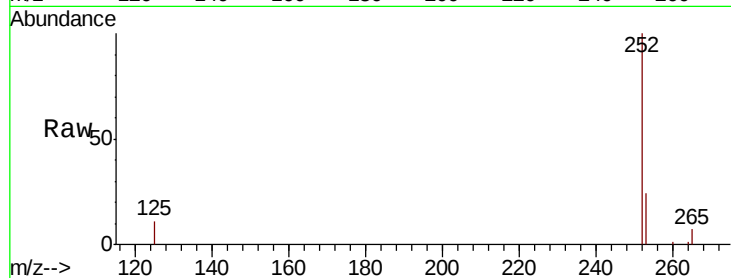
Tgt Ion:252 Resp: 43914

Ion Ratio Lower Upper

252 100

253 23.7 19.5 29.3

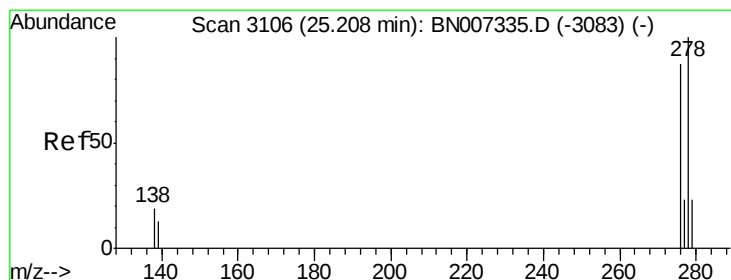
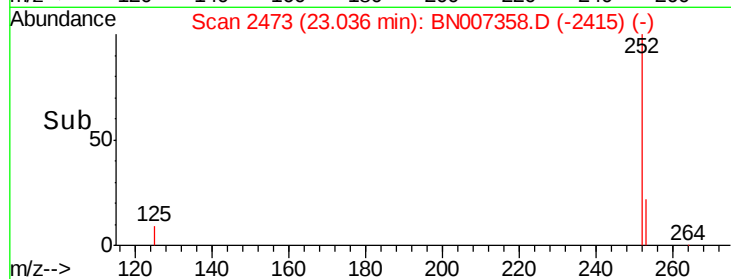
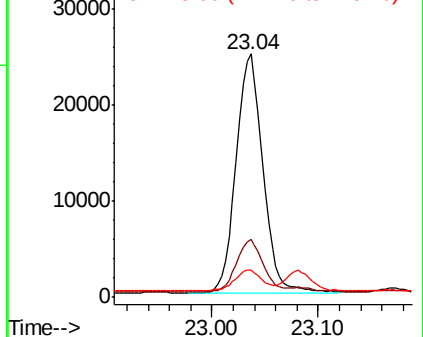
125 11.2 12.1 18.1#



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: 0.408 ng

RT: 25.21 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BN007358.D

Acq: 24 Aug 2019 10:01

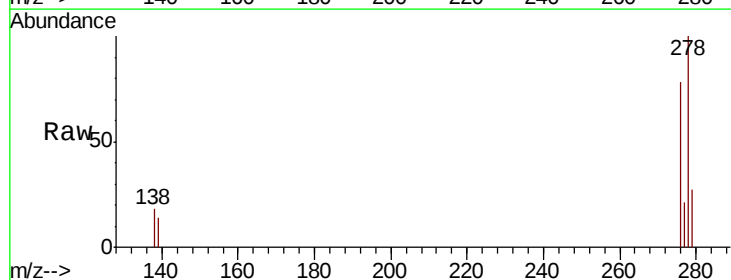
Tgt Ion:278 Resp: 43527

Ion Ratio Lower Upper

278 100

139 14.4 13.7 20.5

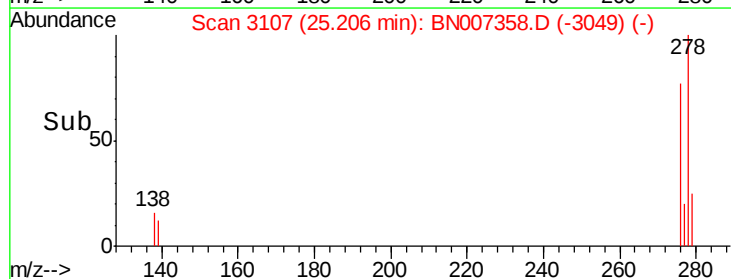
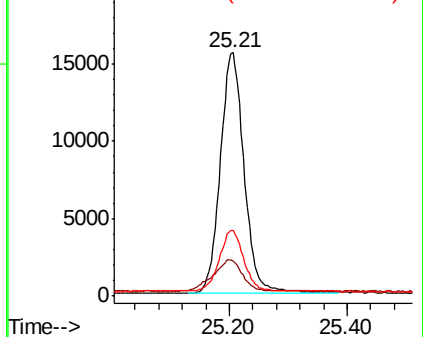
279 26.8 20.2 30.4



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(g,h,i)perylene

Concen: 0.413 ng

RT: 25.81 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN007358.D

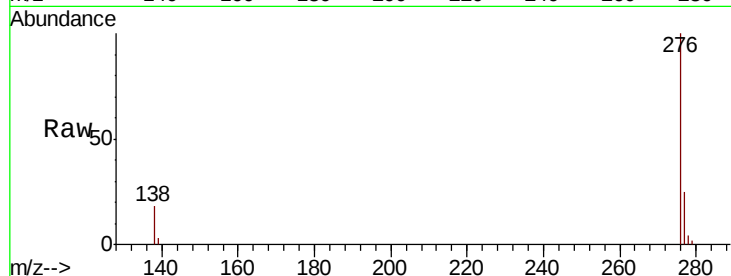
Acq: 24 Aug 2019 10:01

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 43905

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 18.3 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

