

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
 Data File : BN007380.D
 Acq On : 25 Aug 2019 02:31
 Operator : HP/JU
 Sample : PB122525BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122525BS

Quant Time: Aug 25 05:25:34 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	7001	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	27557	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12711	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	24197	0.40	ng	0.00
27) Chrysene-d12	21.02	240	23292	0.40	ng	0.00
34) Perylene-d12	23.12	264	28190	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	4736	0.18	ng	0.00
5) Phenol-d6	6.59	99	5824	0.17	ng	0.00
8) Nitrobenzene-d5	8.53	82	4428	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	12455	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	954	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	11086	0.22	ng	0.00
25) Fluoranthene-d10	18.84	212	14978	0.19	ng	0.00
29) Terphenyl-d14	19.47	244	11344	0.19	ng	0.00

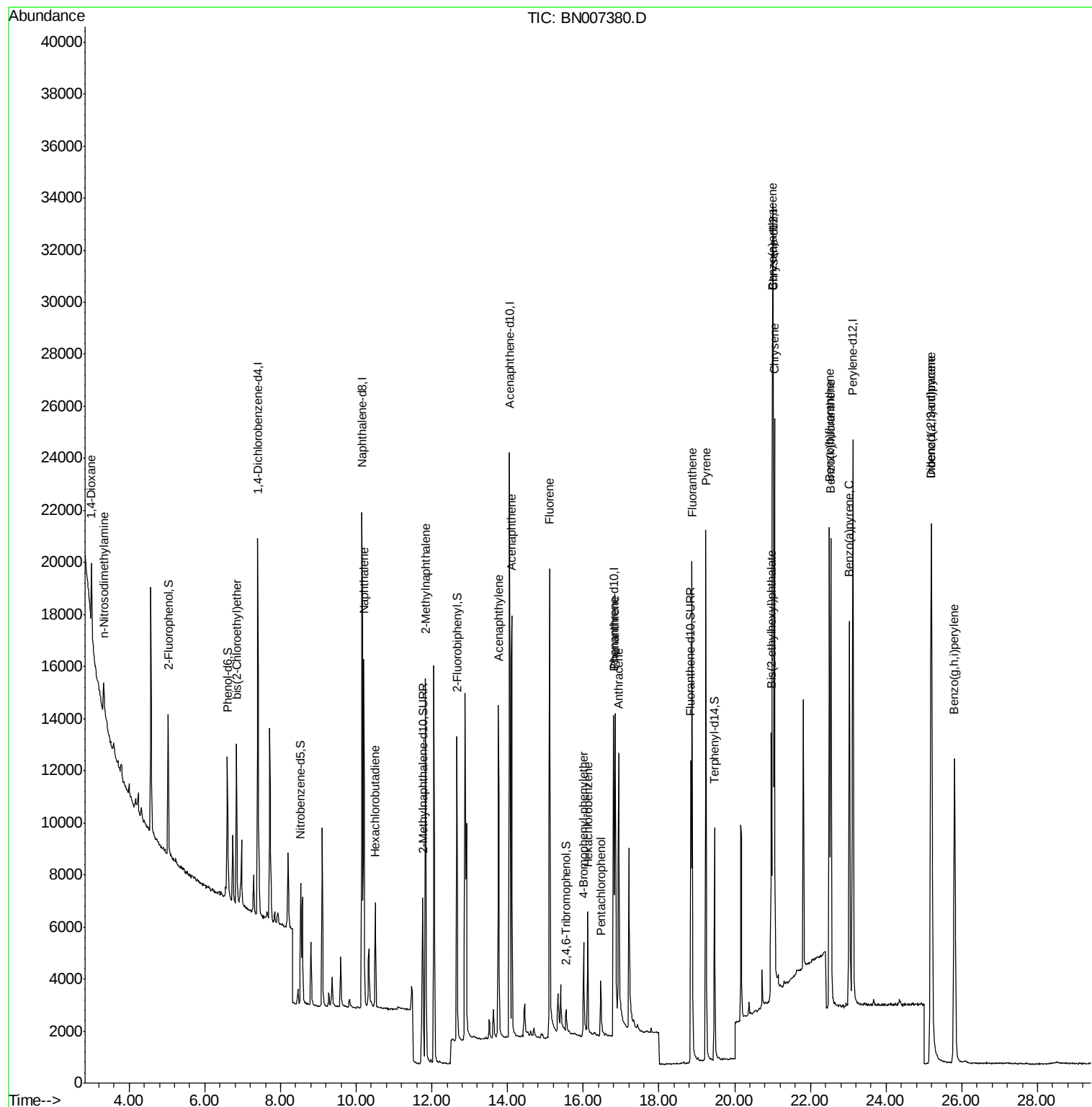
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2044	0.176	ng	# 77
3) n-Nitrosodimethylamine	3.32	42	1052	0.195	ng	85
6) bis(2-Chloroethyl)ether	6.84	93	5193	0.205	ng	98
9) Naphthalene	10.20	128	16995	0.216	ng	# 91
10) Hexachlorobutadiene	10.51	225	3387	0.210	ng	# 99
12) 2-Methylnaphthalene	11.83	142	11264	0.210	ng	99
16) Acenaphthylene	13.76	152	15218	0.202	ng	99
17) Acenaphthene	14.11	154	9239	0.210	ng	99
18) Fluorene	15.10	166	10222	0.184	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2220	0.233	ng	94
21) Hexachlorobenzene	16.11	284	3921	0.242	ng	94
22) Pentachlorophenol	16.46	266	1408	0.279	ng	# 66
23) Phenanthrene	16.84	178	14766	0.203	ng	99
24) Anthracene	16.93	178	14129	0.193	ng	99
26) Fluoranthene	18.87	202	19628	0.210	ng	99
28) Pyrene	19.24	202	19818	0.212	ng	99
30) Benzo(a)anthracene	21.00	228	19391	0.212	ng	99
31) Chrysene	21.05	228	20765	0.235	ng	97
32) Bis(2-ethylhexyl)phthalate	20.96	149	8640	0.127	ng	99
33) Indeno(1,2,3-cd)pyrene	25.18	276	27746	0.261	ng	99
35) Benzo(b)fluoranthene	22.50	252	22805	0.223	ng	98
36) Benzo(k)fluoranthene	22.54	252	22939	0.227	ng	# 94
37) Benzo(a)pyrene	23.03	252	21845	0.225	ng	97
38) Dibenzo(a,h)anthracene	25.20	278	22273	0.230	ng	97
39) Benzo(g,h,i)perylene	25.80	276	24234	0.251	ng	97

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

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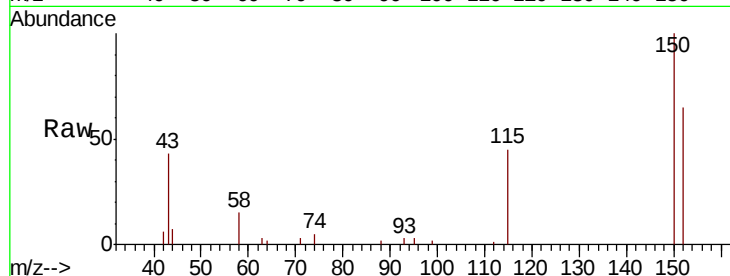


#1

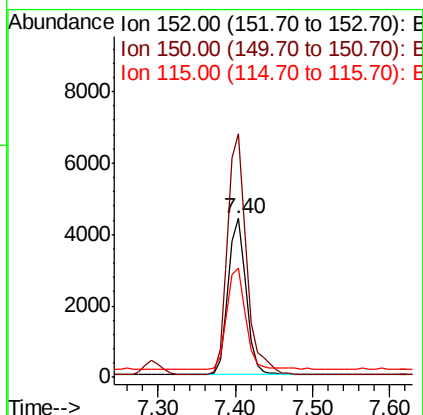
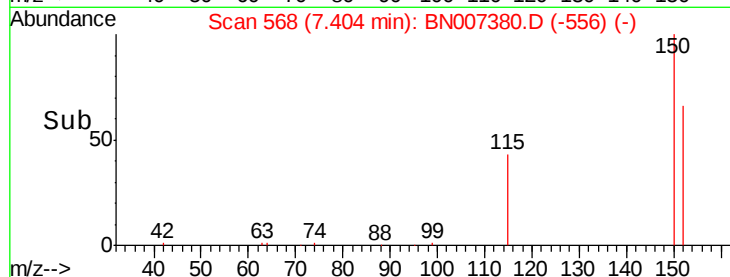
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion: 152 Resp: 7001
Ion Ratio Lower Upper
152 100
150 153.3 109.1 163.7
115 69.0 59.6 89.4



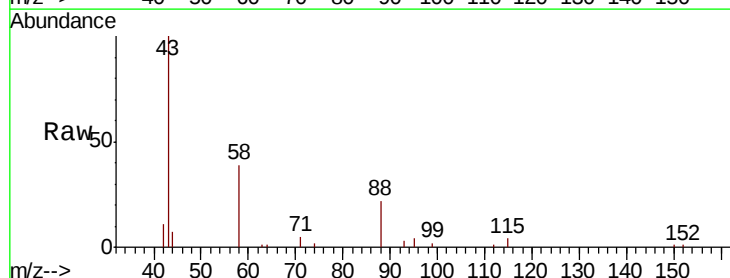
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



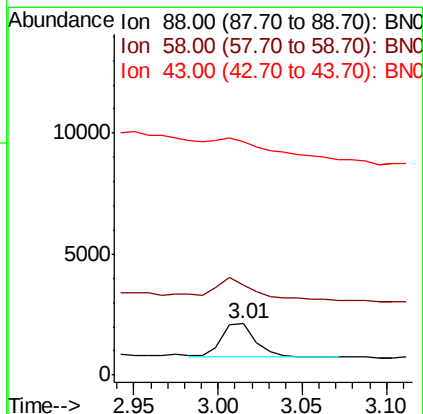
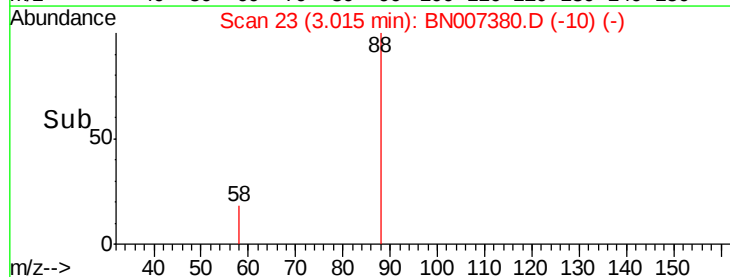
#2

1,4-Dioxane
Concen: 0.176 ng
RT: 3.01 min Scan# 23
Delta R.T. 0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion: 88 Resp: 2044
Ion Ratio Lower Upper
88 100
58 80.9 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: 0.195 ng

RT: 3.32 min Scan# 61

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

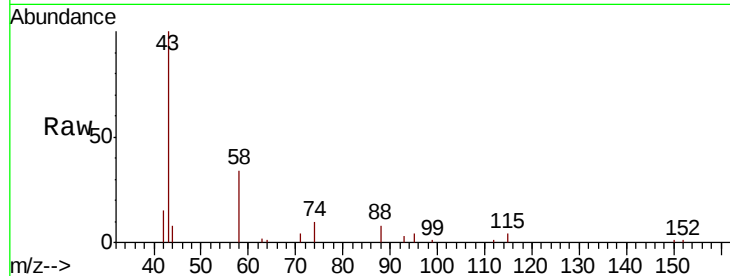
Tgt Ion: 42 Resp: 1052

Ion Ratio Lower Upper

42 100

74 202.4 144.7 217.1

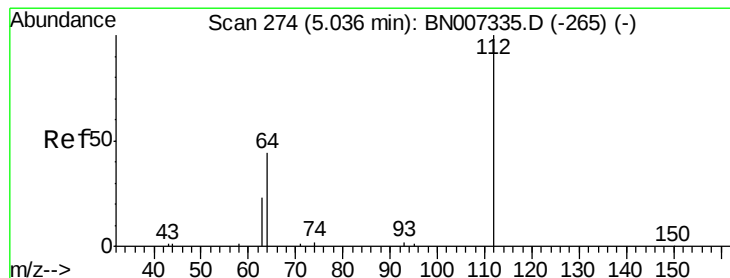
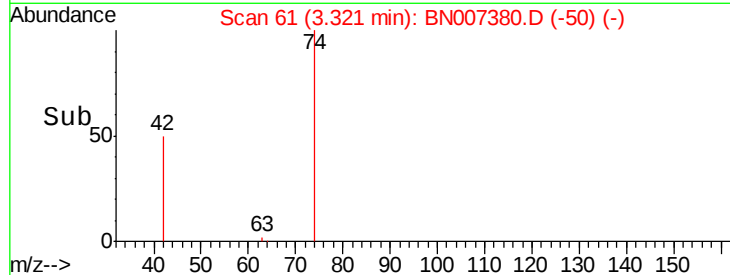
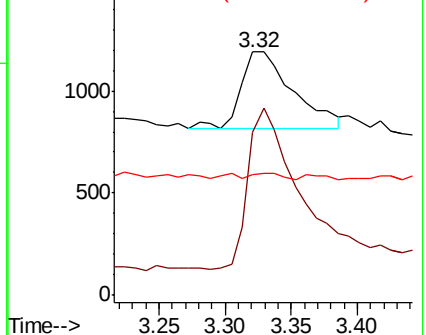
44 4.5 3.2 4.8



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: 0.179 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

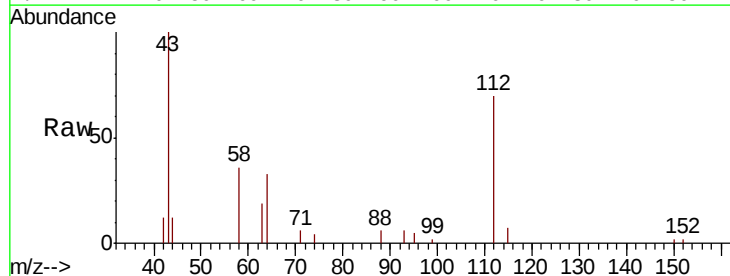
Tgt Ion: 112 Resp: 4736

Ion Ratio Lower Upper

112 100

64 52.5 42.3 63.5

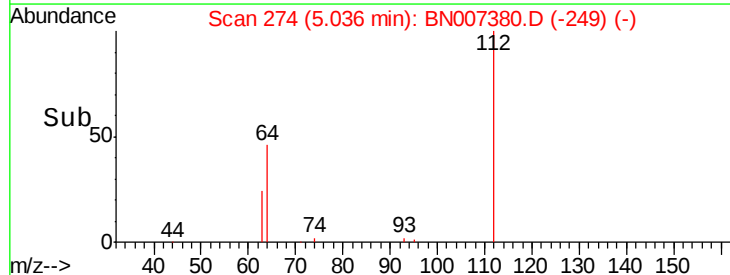
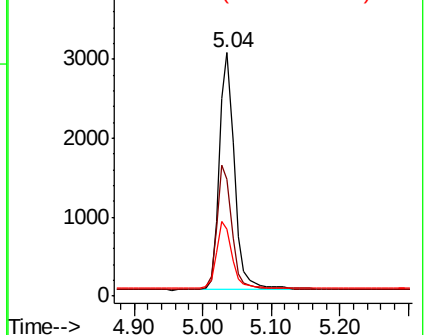
63 28.6 23.6 35.4



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: 0.171 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

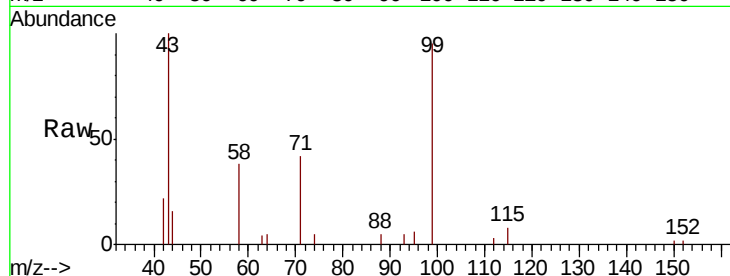
Tgt Ion: 99 Resp: 5824

Ion Ratio Lower Upper

99 100

42 12.9 11.2 16.8

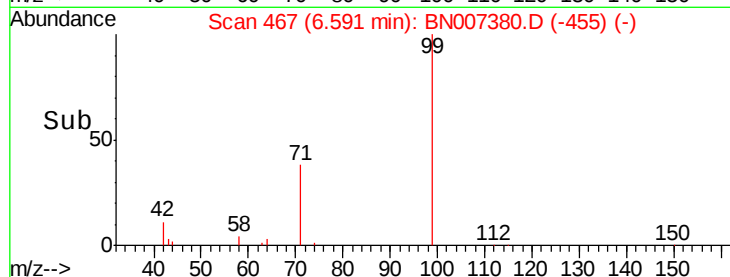
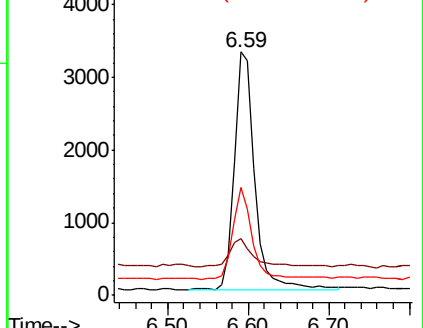
71 36.5 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007380.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007380.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007380.D (-455) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.205 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

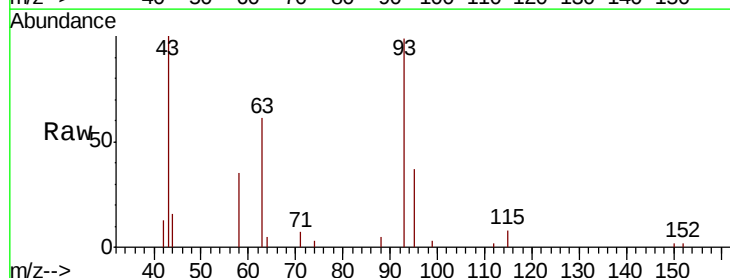
Tgt Ion: 93 Resp: 5193

Ion Ratio Lower Upper

93 100

63 63.1 51.9 77.9

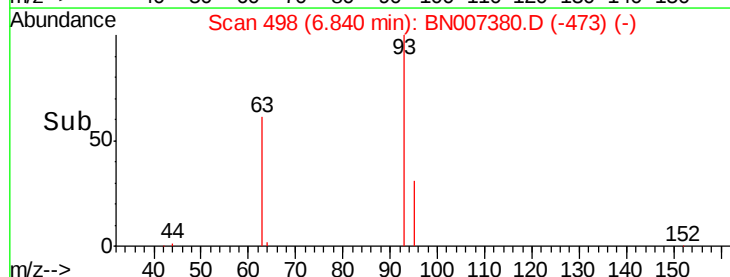
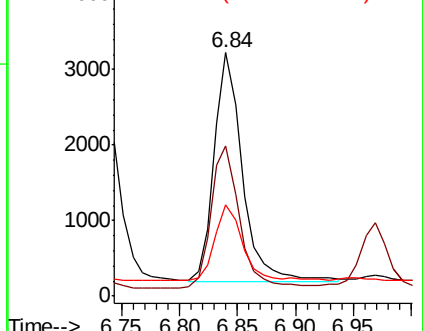
95 33.1 27.7 41.5

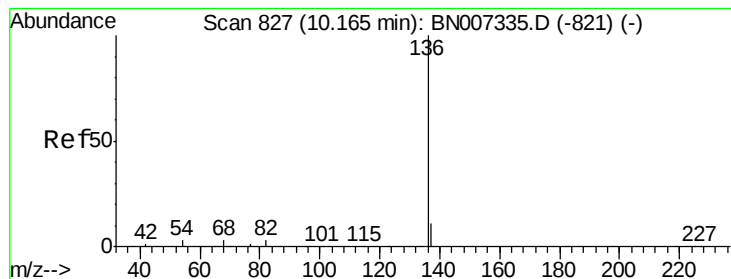


Abundance Ion 93.00 (92.70 to 93.70): BN007380.D (-473) (-)

Ion 63.00 (62.70 to 63.70): BN007380.D (-473) (-)

Ion 95.00 (94.70 to 95.70): BN007380.D (-473) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

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ClientSampleId :

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Tgt Ion:136 Resp: 27557

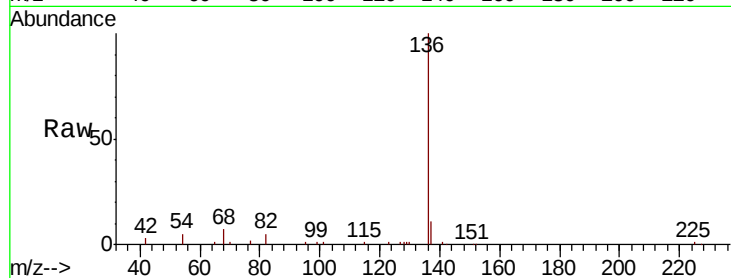
Ion Ratio Lower Upper

136 100

137 11.3 12.9 19.3#

54 5.3 8.6 12.8#

68 6.6 17.0 25.4#

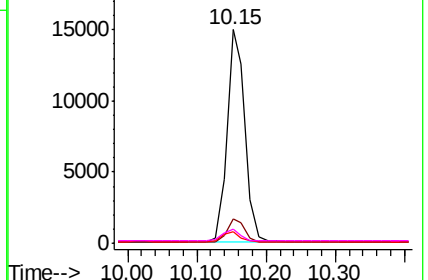
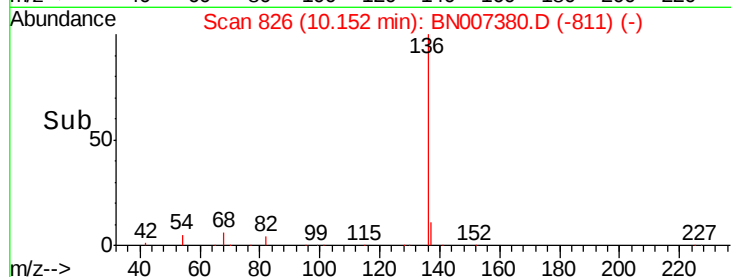


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.185 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

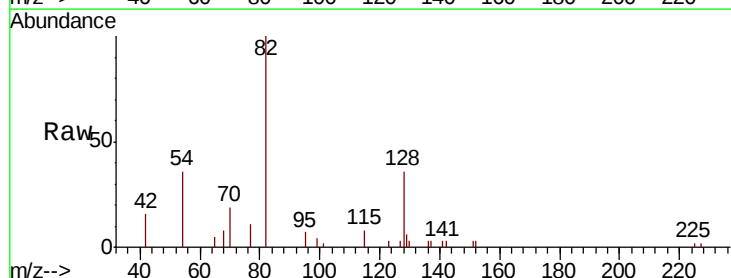
Tgt Ion: 82 Resp: 4428

Ion Ratio Lower Upper

82 100

128 35.8 19.7 29.5#

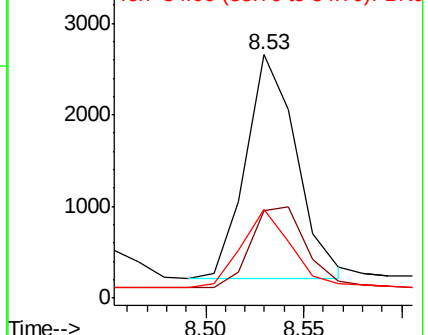
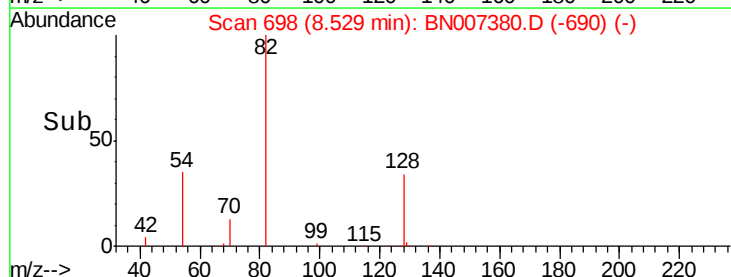
54 36.4 25.8 38.6



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: 0.216 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

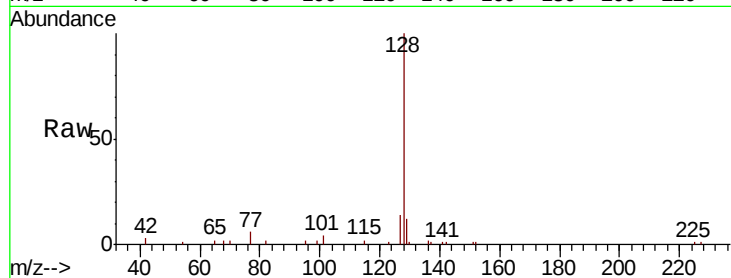
Tgt Ion:128 Resp: 16995

Ion Ratio Lower Upper

128 100

129 11.9 11.1 16.7

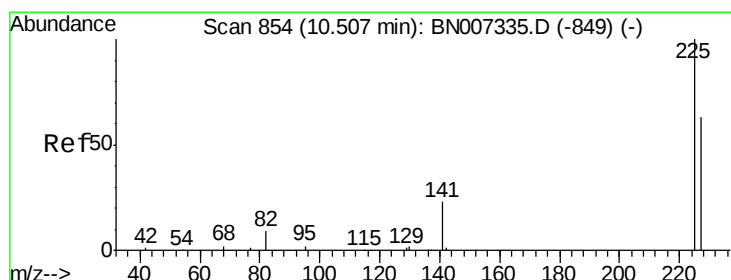
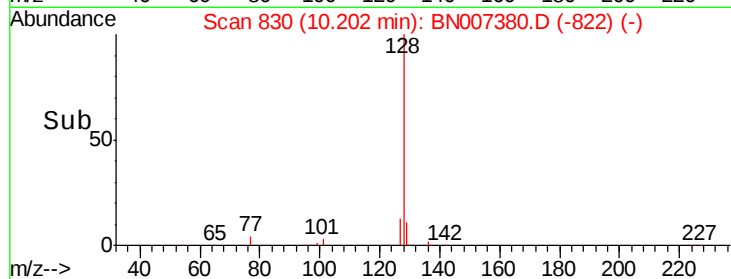
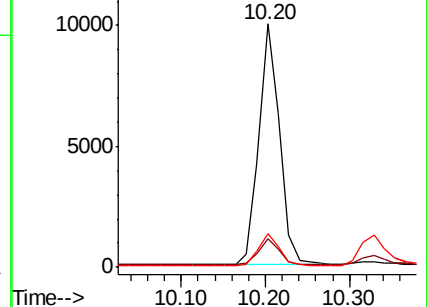
127 14.1 15.5 23.3#



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: 0.210 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

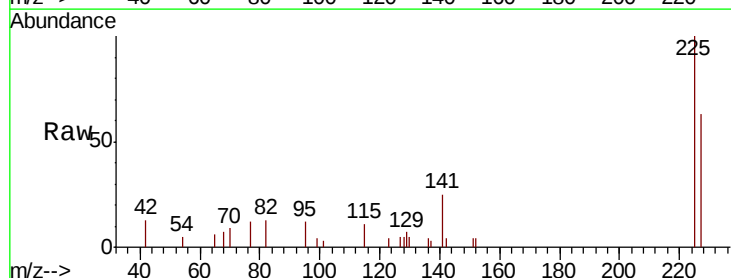
Tgt Ion:225 Resp: 3387

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

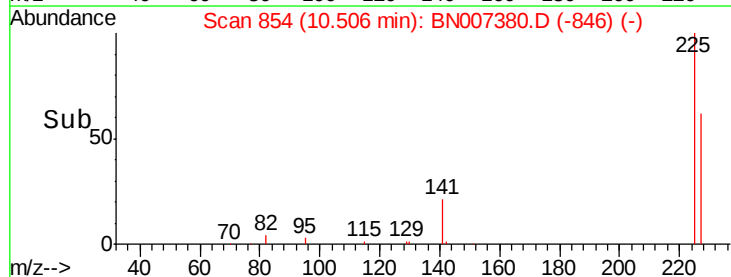
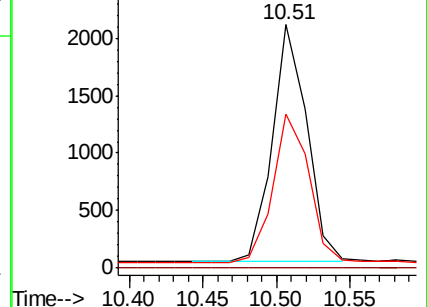
227 64.4 50.7 76.1



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: 0.272 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

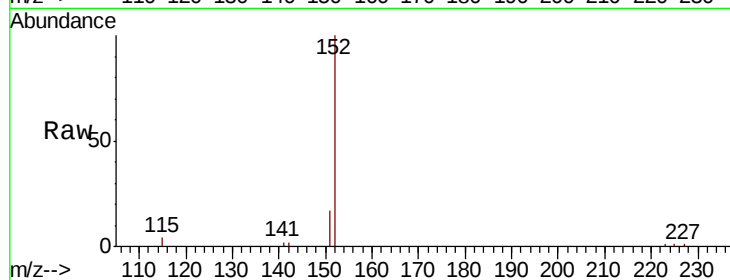
PB122525BS

Tgt Ion:152 Resp: 12455

Ion Ratio Lower Upper

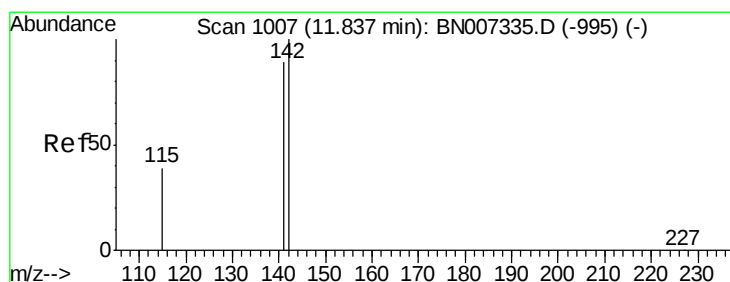
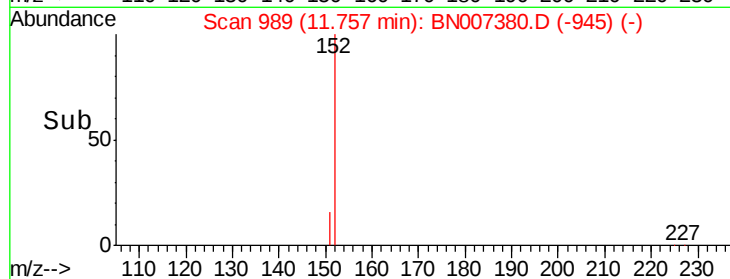
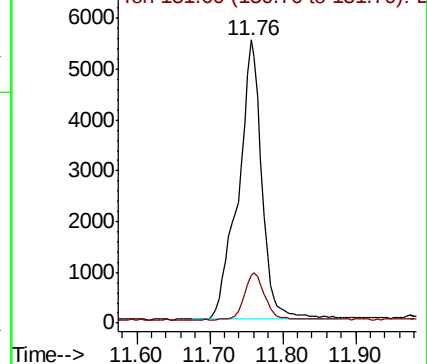
152 100

151 14.0 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: 0.210 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

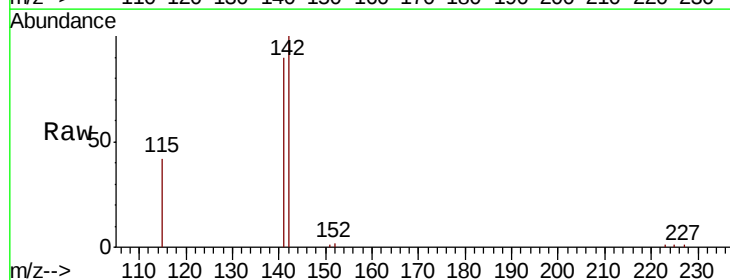
Tgt Ion:142 Resp: 11264

Ion Ratio Lower Upper

142 100

141 90.4 72.8 109.2

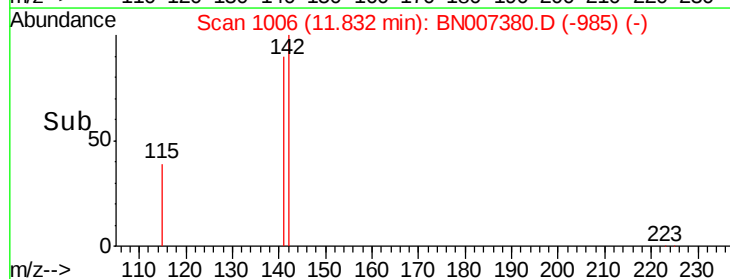
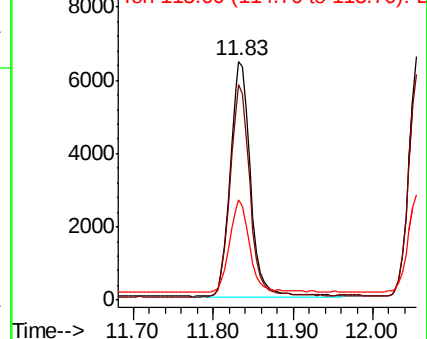
115 42.0 35.2 52.8



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: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

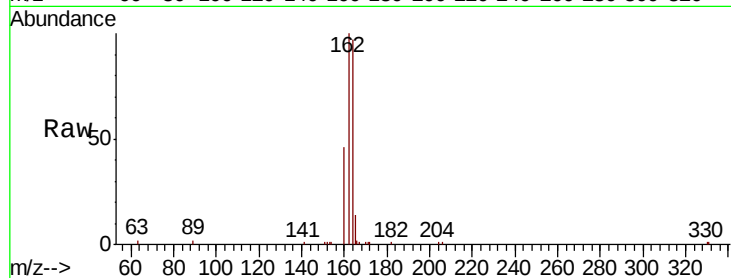
Tgt Ion:164 Resp: 12711

Ion Ratio Lower Upper

164 100

162 103.0 83.5 125.3

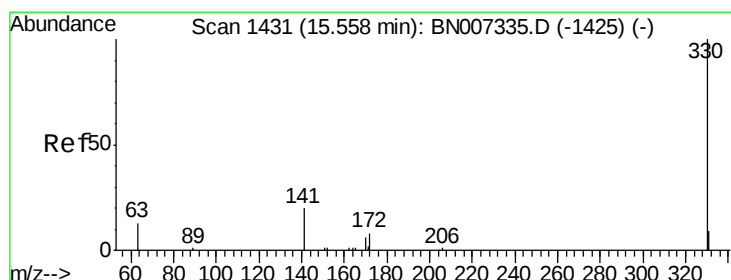
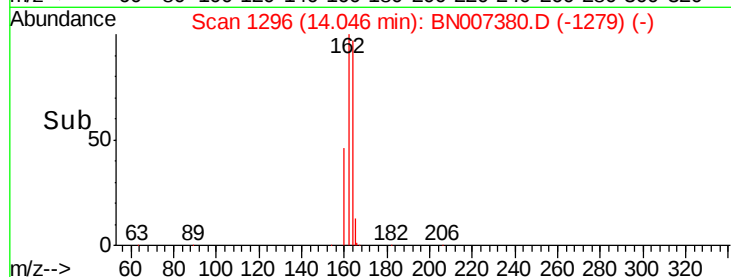
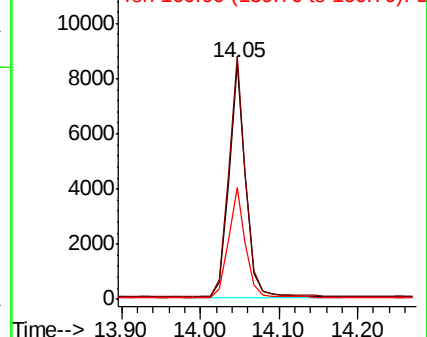
160 47.2 38.2 57.4



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: 0.143 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

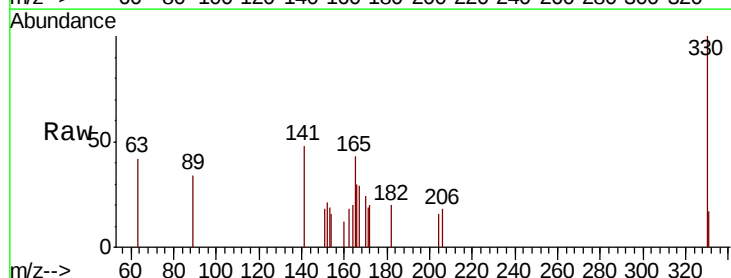
Tgt Ion:330 Resp: 954

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

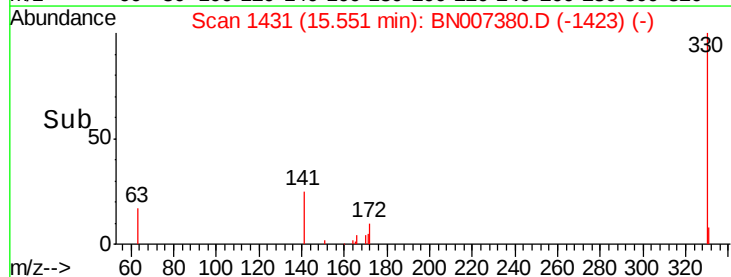
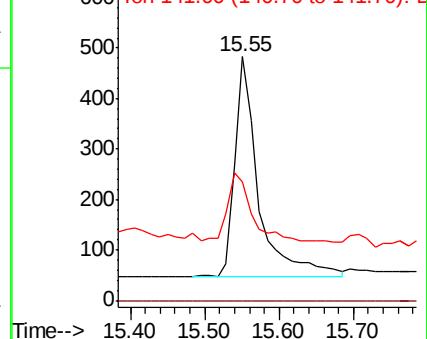
141 33.6 26.9 40.3



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

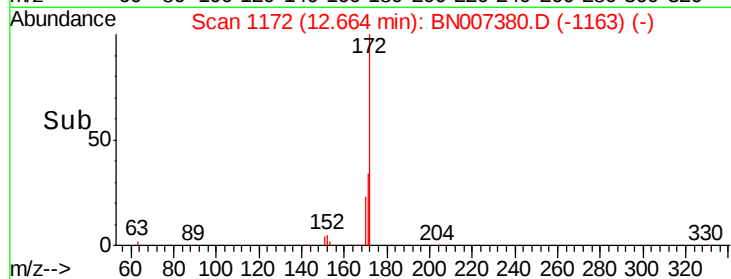
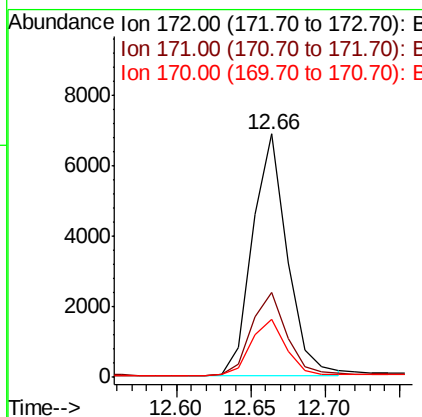
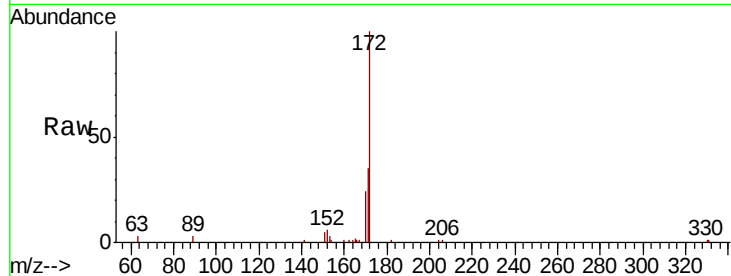




#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

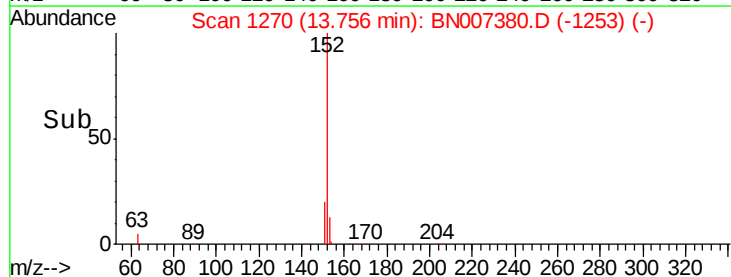
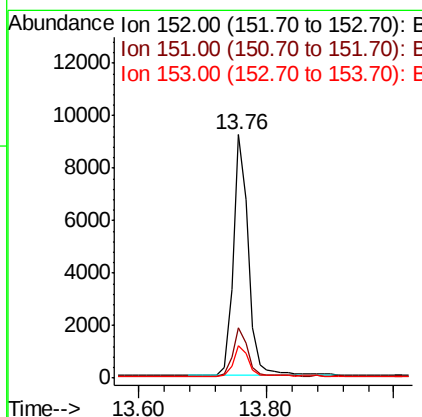
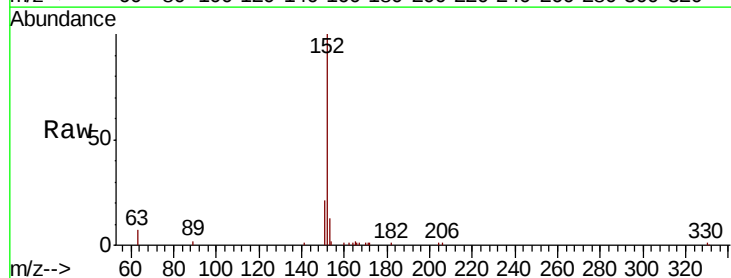
Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:172 Resp: 11086
Ion Ratio Lower Upper
172 100
171 35.0 30.3 45.5
170 23.8 20.7 31.1



#16
Acenaphthylene
Concen: 0.202 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:152 Resp: 15218
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 12.8 10.6 15.8





#17

Acenaphthene

Concen: 0.210 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

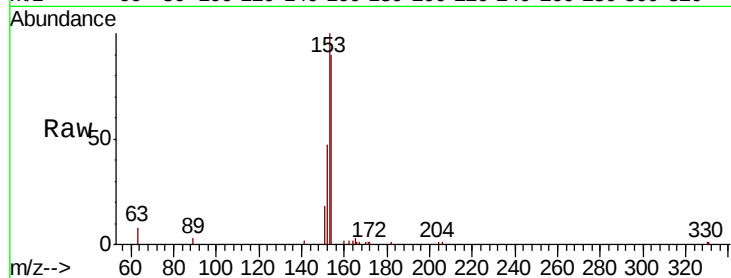
Tgt Ion:154 Resp: 9239

Ion Ratio Lower Upper

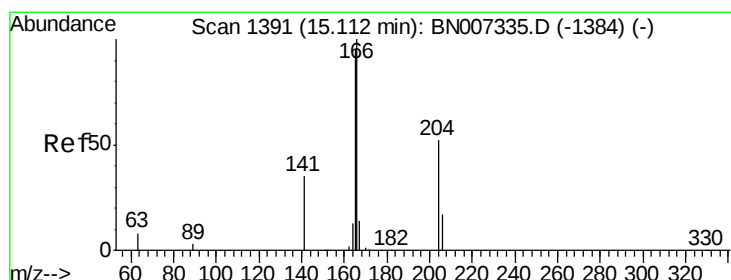
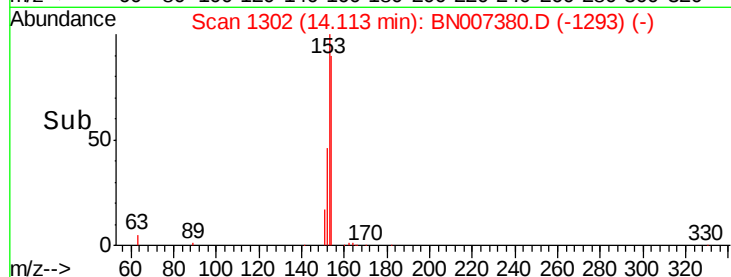
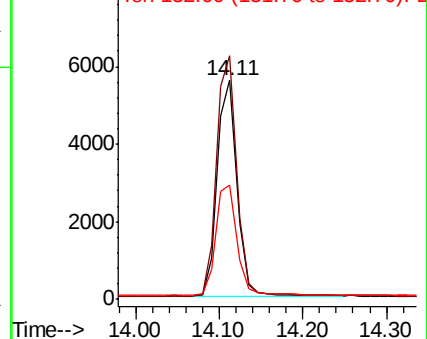
154 100

153 114.0 92.8 139.2

152 54.7 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: 0.184 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

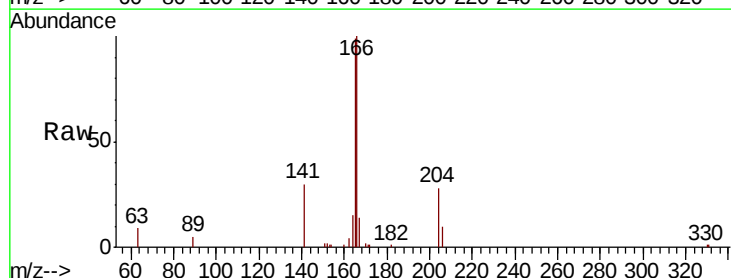
Tgt Ion:166 Resp: 10222

Ion Ratio Lower Upper

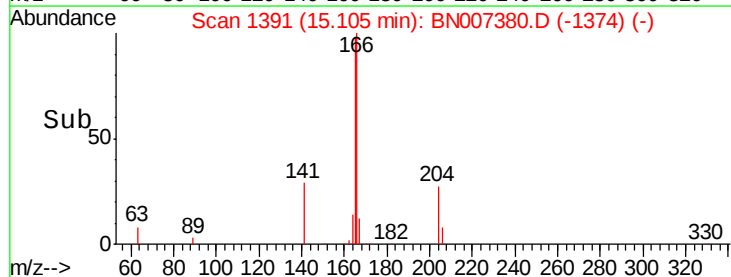
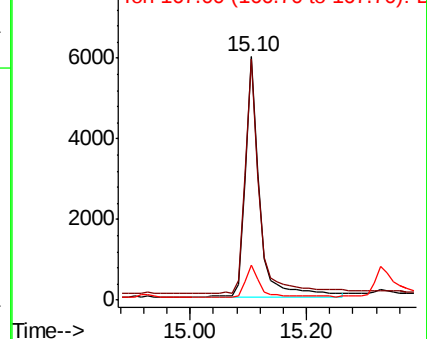
166 100

165 98.2 79.0 118.4

167 13.3 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: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

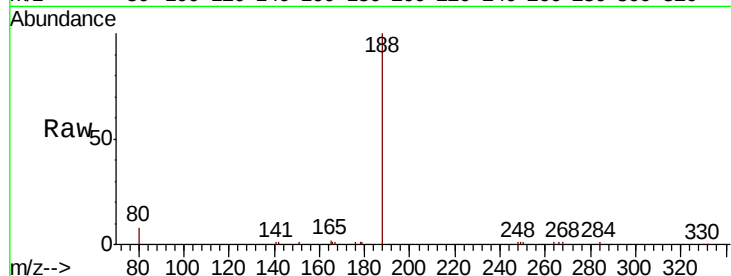
Tgt Ion:188 Resp: 24197

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

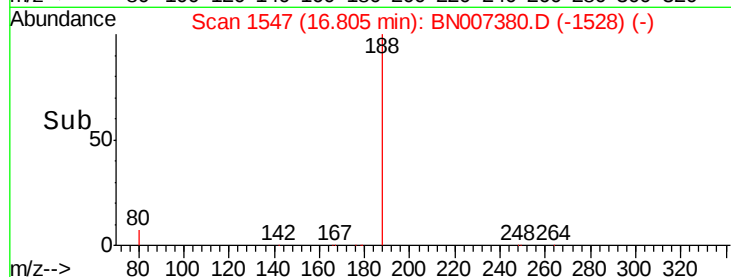
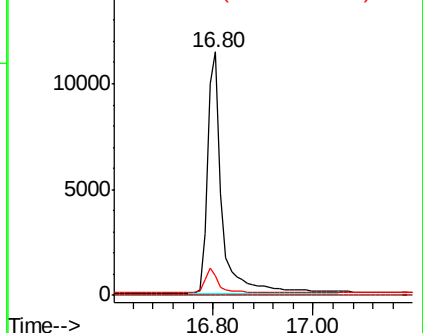
80 7.9 11.8 17.8#



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: 0.233 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

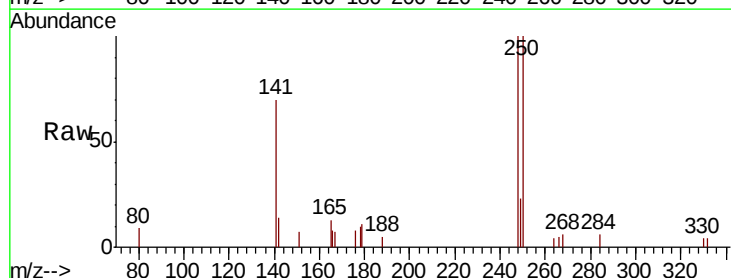
Tgt Ion:248 Resp: 2220

Ion Ratio Lower Upper

248 100

250 99.9 85.0 127.6

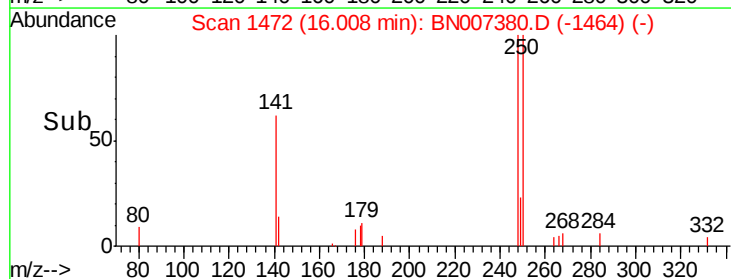
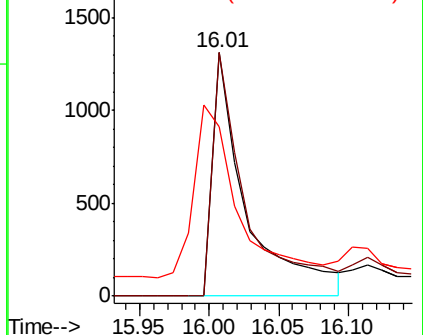
141 69.7 51.7 77.5



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

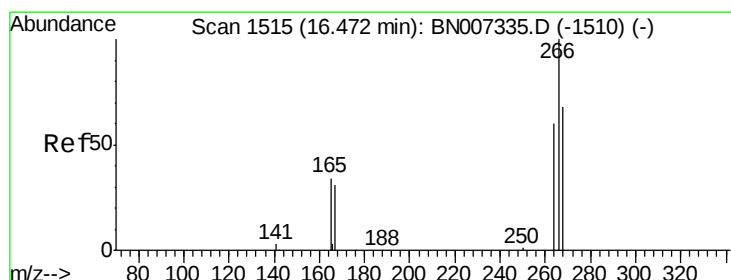
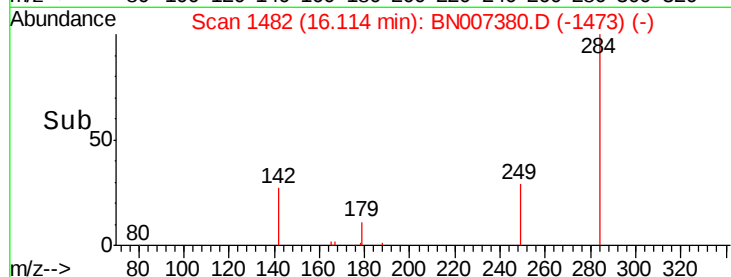
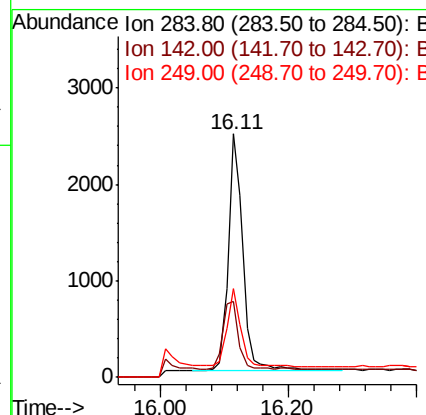
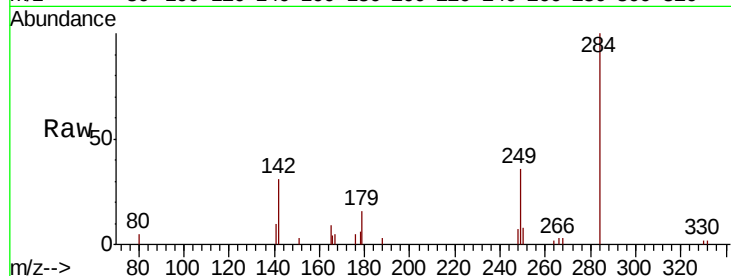




#21
Hexachlorobenzene
Concen: 0.242 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

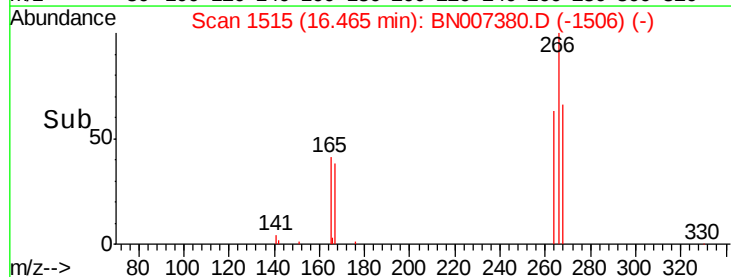
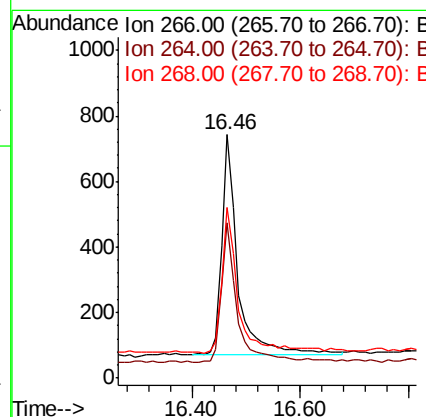
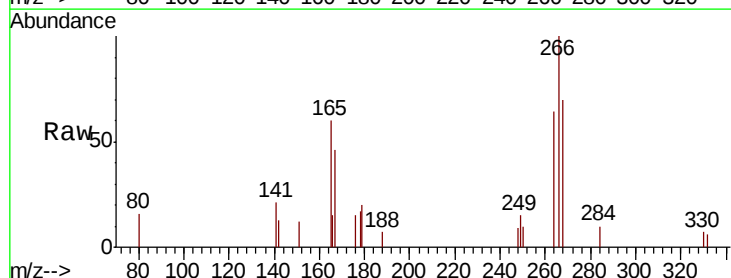
Instrument :
BNA_N
ClientSampleId :
PB122525BS

Tgt Ion:284 Resp: 3921
Ion Ratio Lower Upper
284 100
142 30.3 29.0 43.6
249 31.1 24.9 37.3



#22
Pentachlorophenol
Concen: 0.279 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BN007380.D
Acq: 25 Aug 2019 02:31

Tgt Ion:266 Resp: 1408
Ion Ratio Lower Upper
266 100
264 63.9 57.8 86.8
268 70.3 99.7 149.5#





#23

Phenanthrene

Concen: 0.203 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

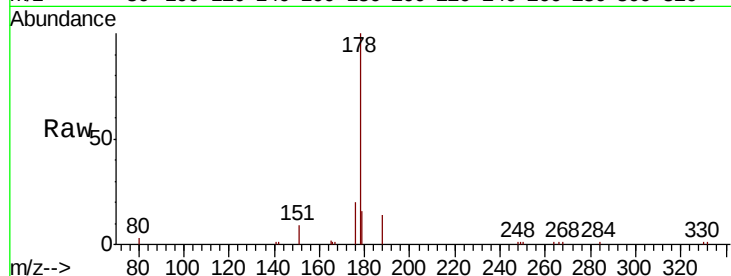
Tgt Ion:178 Resp: 14766

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

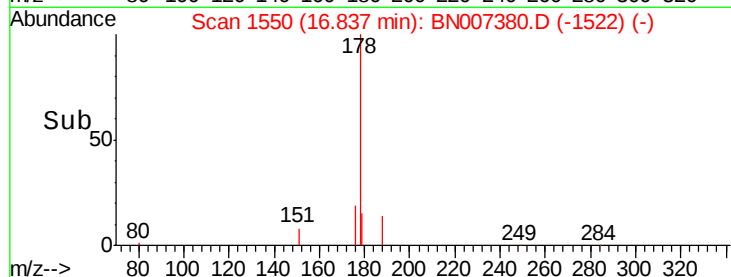
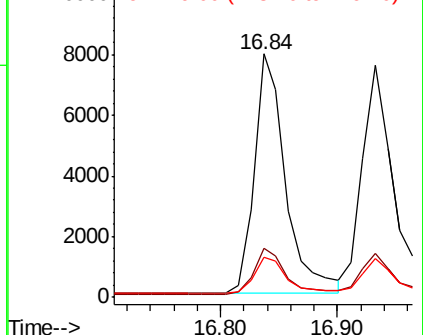
179 15.4 12.6 19.0



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: 0.193 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

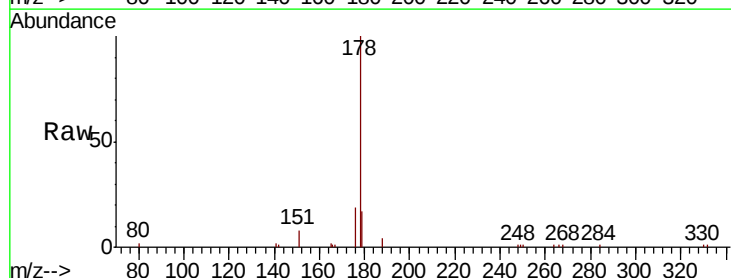
Tgt Ion:178 Resp: 14129

Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

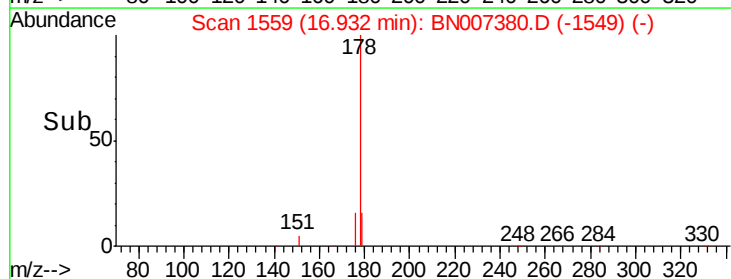
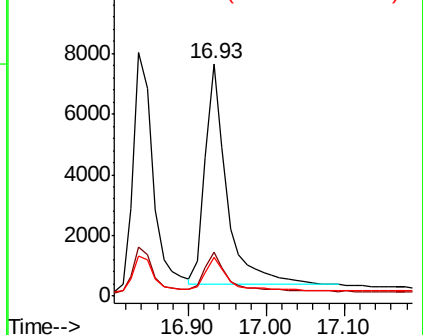
179 15.0 12.4 18.6

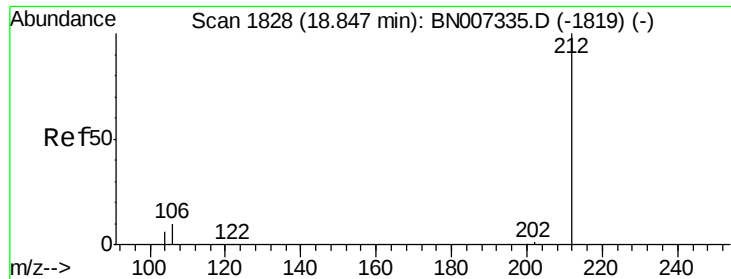


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

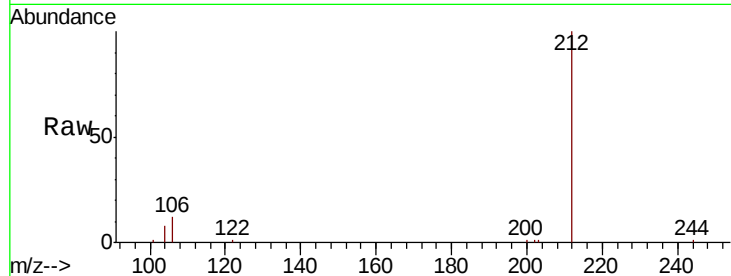
Tgt Ion:212 Resp: 14978

Ion Ratio Lower Upper

212 100

106 11.0 9.0 13.4

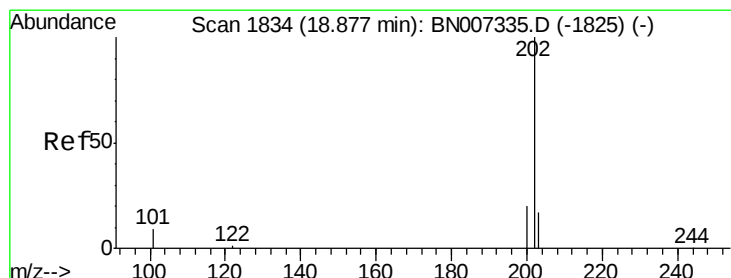
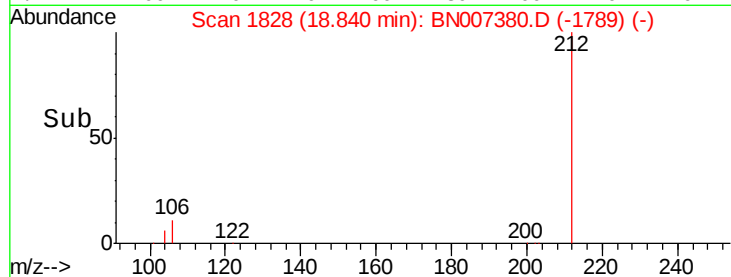
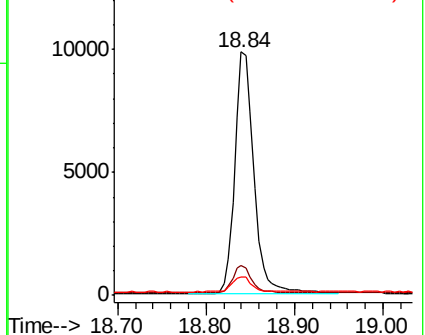
104 6.6 5.4 8.2



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: 0.210 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

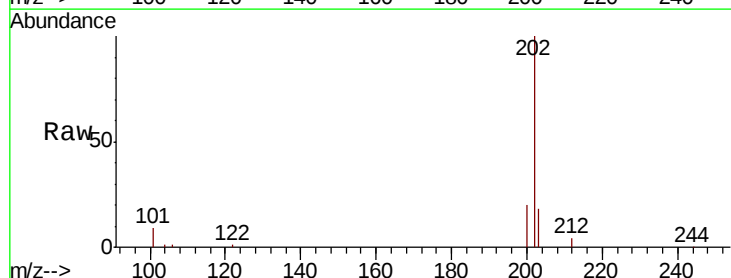
Tgt Ion:202 Resp: 19628

Ion Ratio Lower Upper

202 100

101 9.0 7.7 11.5

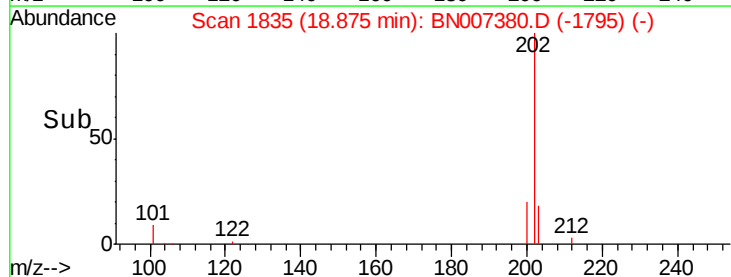
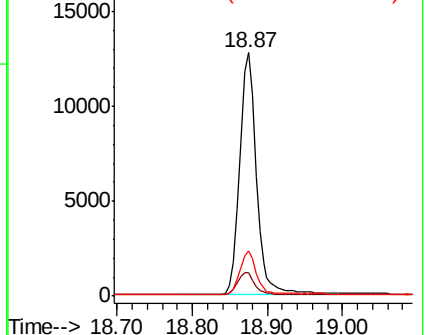
203 17.2 13.7 20.5

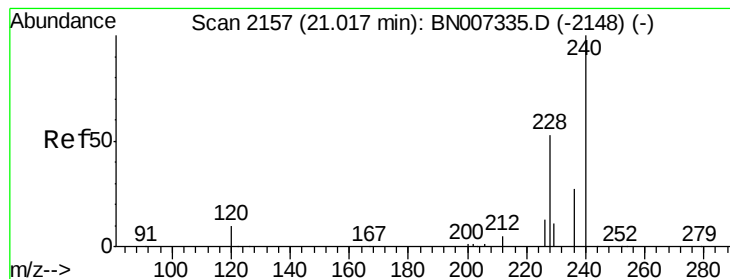


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

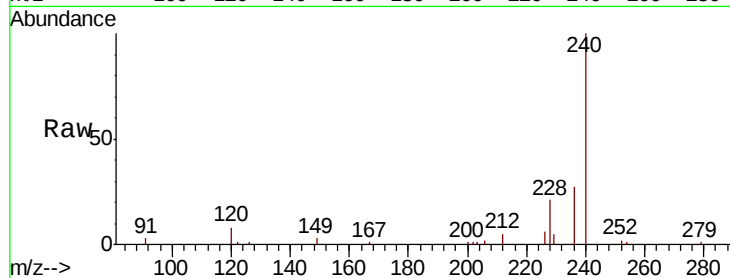
Tgt Ion:240 Resp: 23292

Ion Ratio Lower Upper

240 100

120 8.4 9.6 14.4#

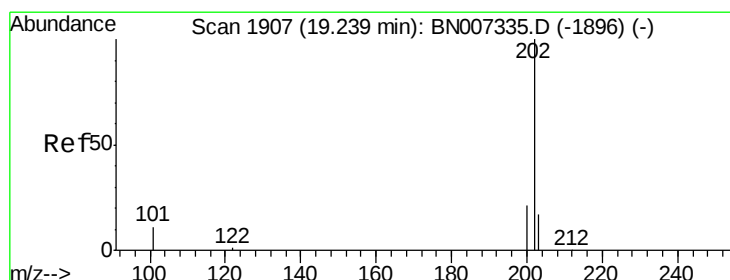
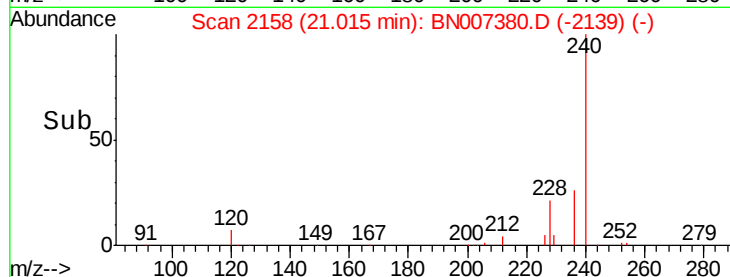
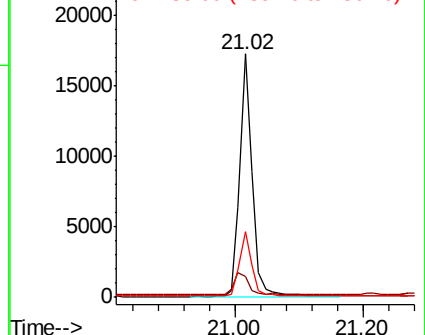
236 26.9 22.2 33.2



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: 0.212 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

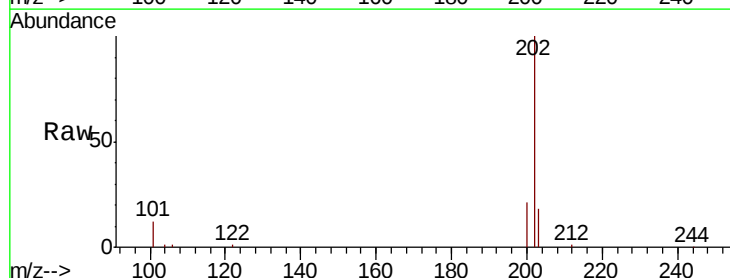
Tgt Ion:202 Resp: 19818

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

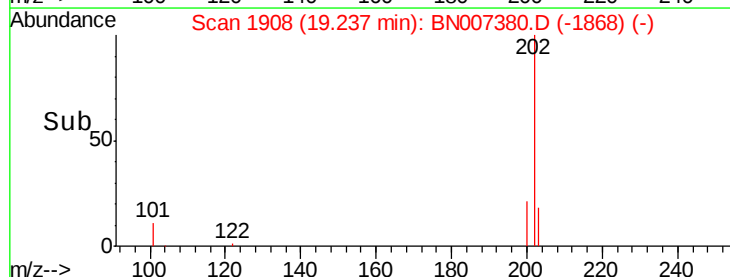
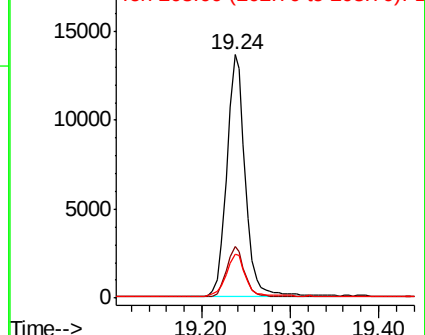
203 18.2 14.2 21.4



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: 0.186 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

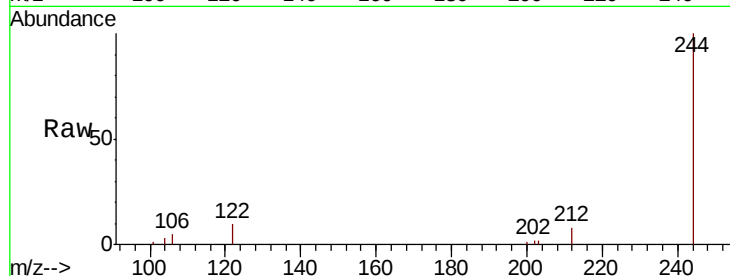
Tgt Ion:244 Resp: 11344

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

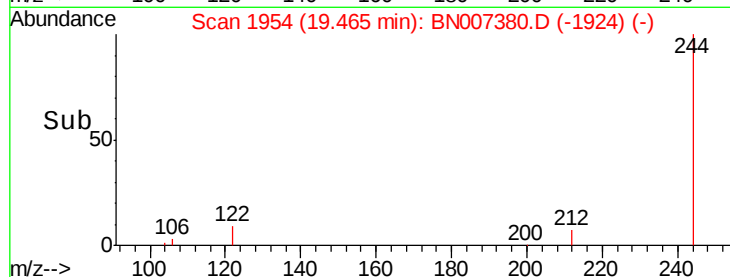
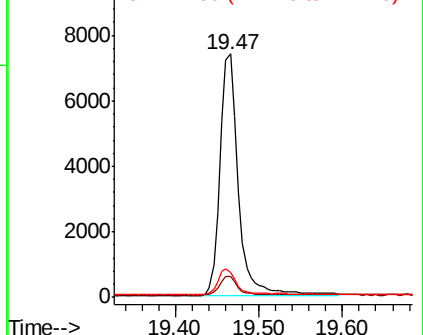
122 10.1 9.6 14.4



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: 0.212 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

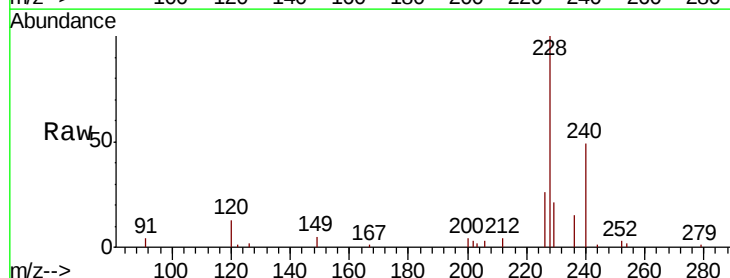
Tgt Ion:228 Resp: 19391

Ion Ratio Lower Upper

228 100

226 26.5 21.3 31.9

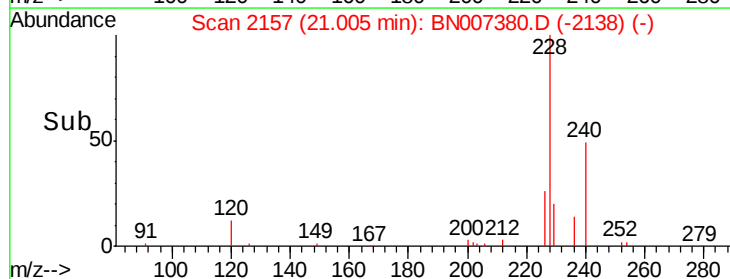
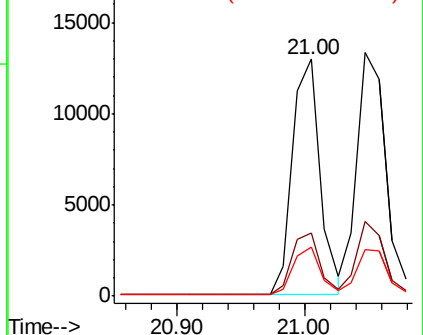
229 20.9 16.1 24.1



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: 0.235 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

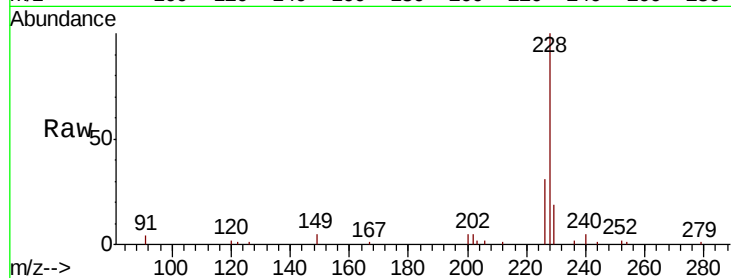
Tgt Ion:228 Resp: 20765

Ion Ratio Lower Upper

228 100

226 30.8 23.5 35.3

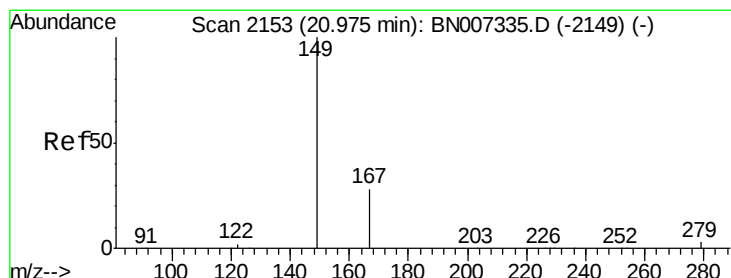
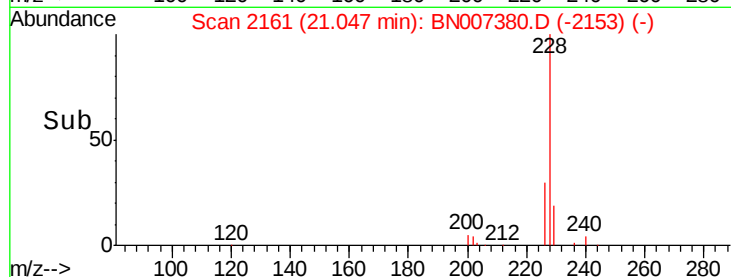
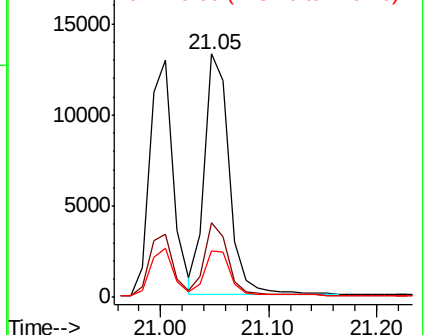
229 19.4 16.6 24.8



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: 0.127 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

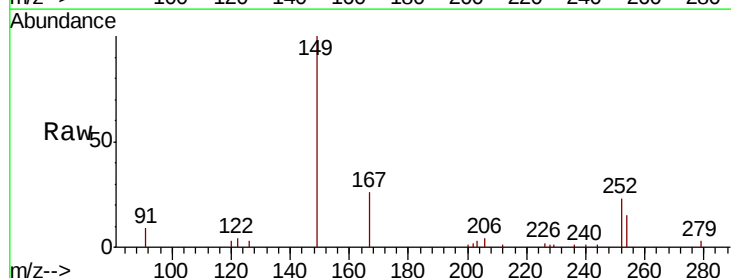
Tgt Ion:149 Resp: 8640

Ion Ratio Lower Upper

149 100

167 28.3 22.8 34.2

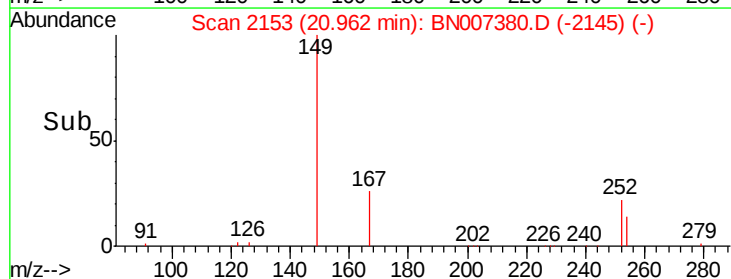
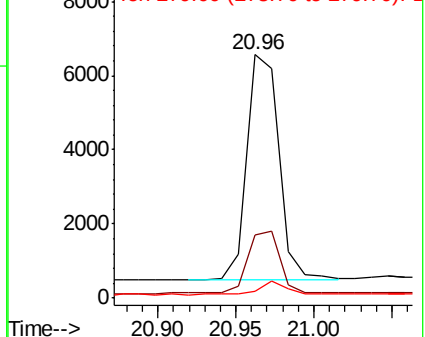
279 5.2 3.5 5.3



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

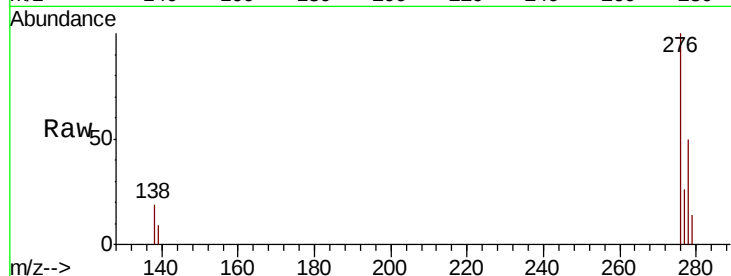




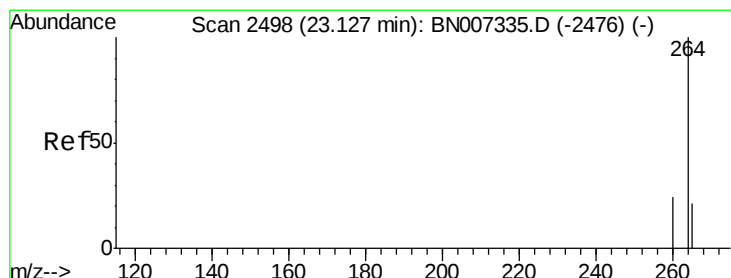
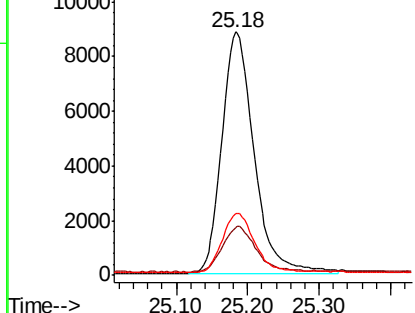
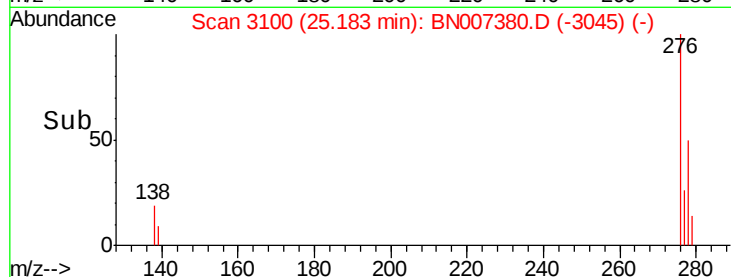
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.261 ng
 RT: 25.18 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BN007380.D
 Acq: 25 Aug 2019 02:31

Instrument :
 BNA_N
 ClientSampleId :
 PB122525BS

Tgt Ion: 276 Resp: 27746
 Ion Ratio Lower Upper
 276 100
 138 18.7 15.1 22.7
 277 24.3 19.7 29.5

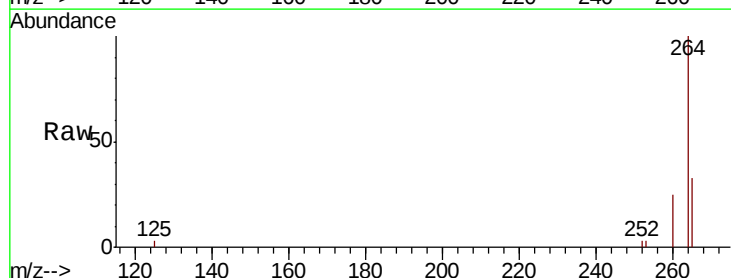


Abundance Ion 276.00 (275.70 to 276.70): E
 12000 Ion 138.00 (137.70 to 138.70): E
 10000 Ion 277.00 (276.70 to 277.70): E

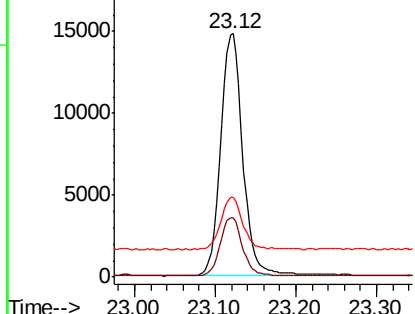
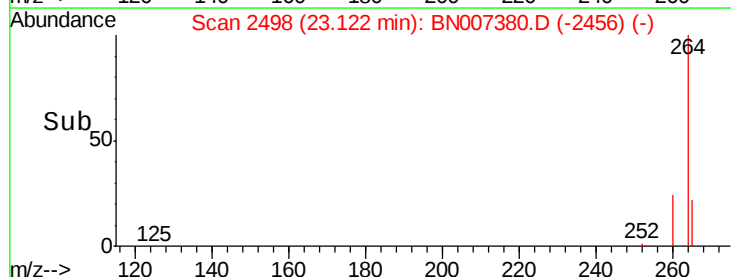


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BN007380.D
 Acq: 25 Aug 2019 02:31

Tgt Ion: 264 Resp: 28190
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 32.9 29.9 44.9



Abundance Ion 264.00 (263.70 to 264.70): E
 20000 Ion 260.00 (259.70 to 260.70): E
 15000 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.223 ng

RT: 22.50 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

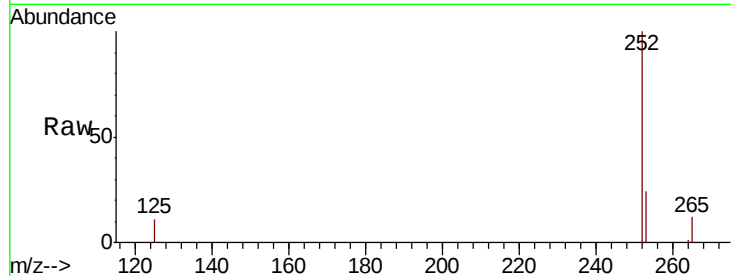
Tgt Ion:252 Resp: 22805

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

125 10.6 10.6 16.0

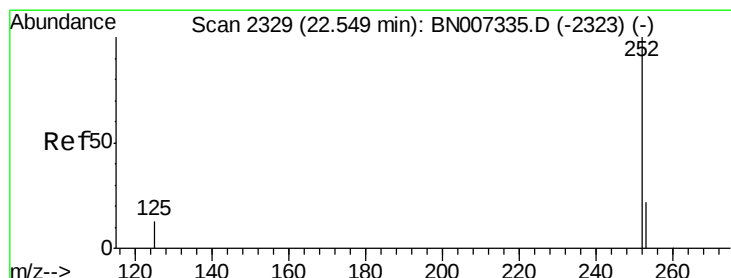
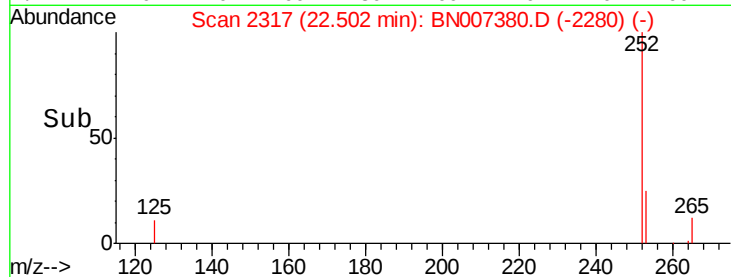
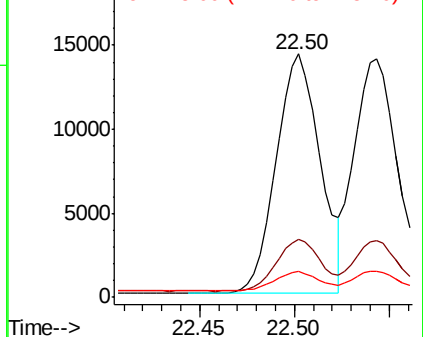


Abundance

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: 0.227 ng

RT: 22.54 min Scan# 2329

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

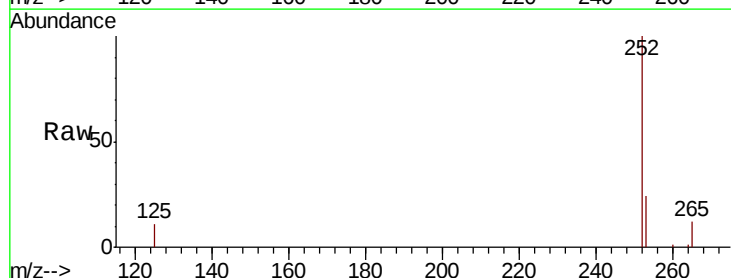
Tgt Ion:252 Resp: 22939

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

125 10.8 13.1 19.7#

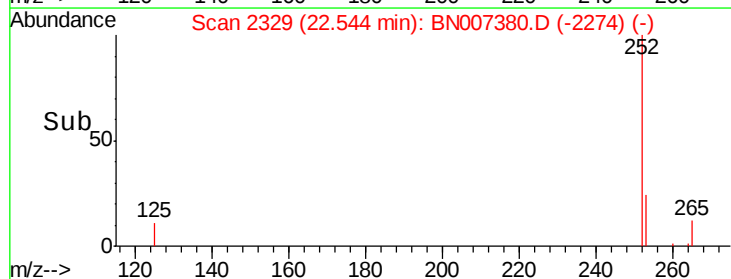
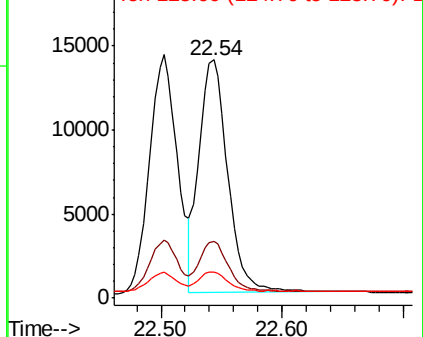


Abundance

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: 0.225 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS

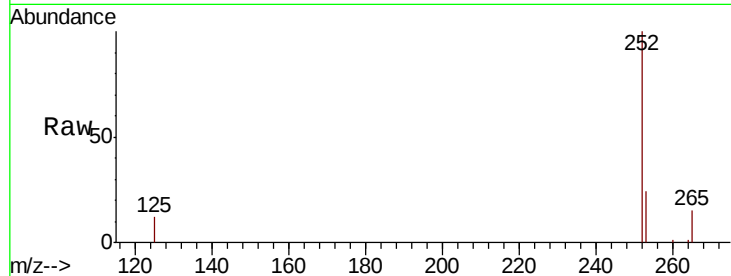
Tgt Ion:252 Resp: 21845

Ion Ratio Lower Upper

252 100

253 24.4 19.5 29.3

125 12.4 12.1 18.1

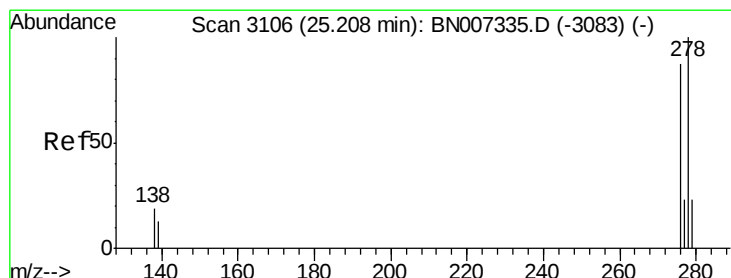
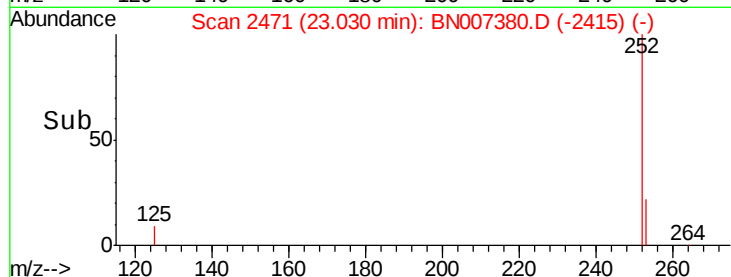
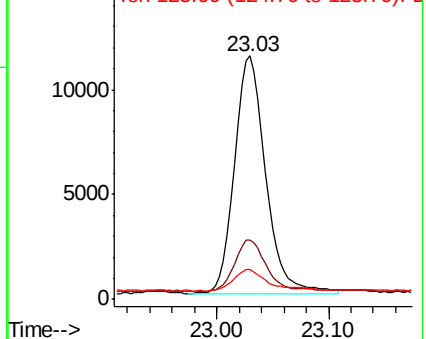


Abundance

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: 0.230 ng

RT: 25.20 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN007380.D

Acq: 25 Aug 2019 02:31

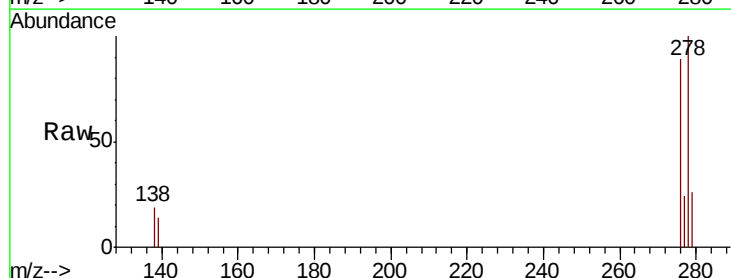
Tgt Ion:278 Resp: 22273

Ion Ratio Lower Upper

278 100

139 14.3 13.7 20.5

279 25.8 20.2 30.4

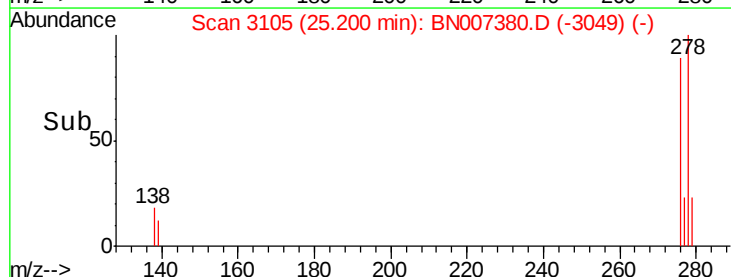
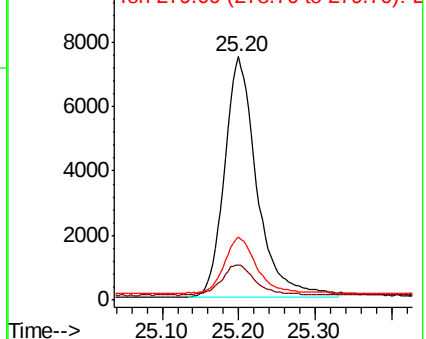


Abundance

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: 0.251 ng

RT: 25.80 min Scan# 3281

Delta R.T. -0.02 min

Lab File: BN007380.D

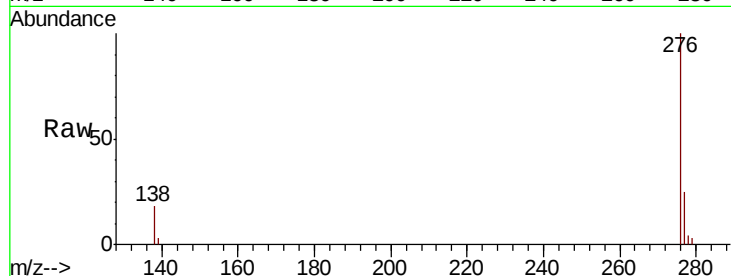
Acq: 25 Aug 2019 02:31

Instrument :

BNA_N

ClientSampleId :

PB122525BS



Tgt Ion: 276 Resp: 24234

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 18.0 16.3 24.5

