

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082019\
 Data File : BN007261.D
 Acq On : 20 Aug 2019 12:32
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Aug 20 18:02:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 17:50:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	4612	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	16663	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	9328	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	22638	0.40	ng	0.00
27) Chrysene-d12	21.02	240	22798	0.40	ng	0.00
34) Perylene-d12	23.14	264	25404	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	1810	0.18	ng	0.00
5) Phenol-d6	6.60	99	2607	0.18	ng	0.00
8) Nitrobenzene-d5	8.55	82	1963	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	2877	0.12	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	621	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.71	172	132	0.00	ng	0.04
25) Fluoranthene-d10	18.85	212	7168	0.10	ng	0.00
29) Terphenyl-d14	19.47	244	6082	0.12	ng	0.00

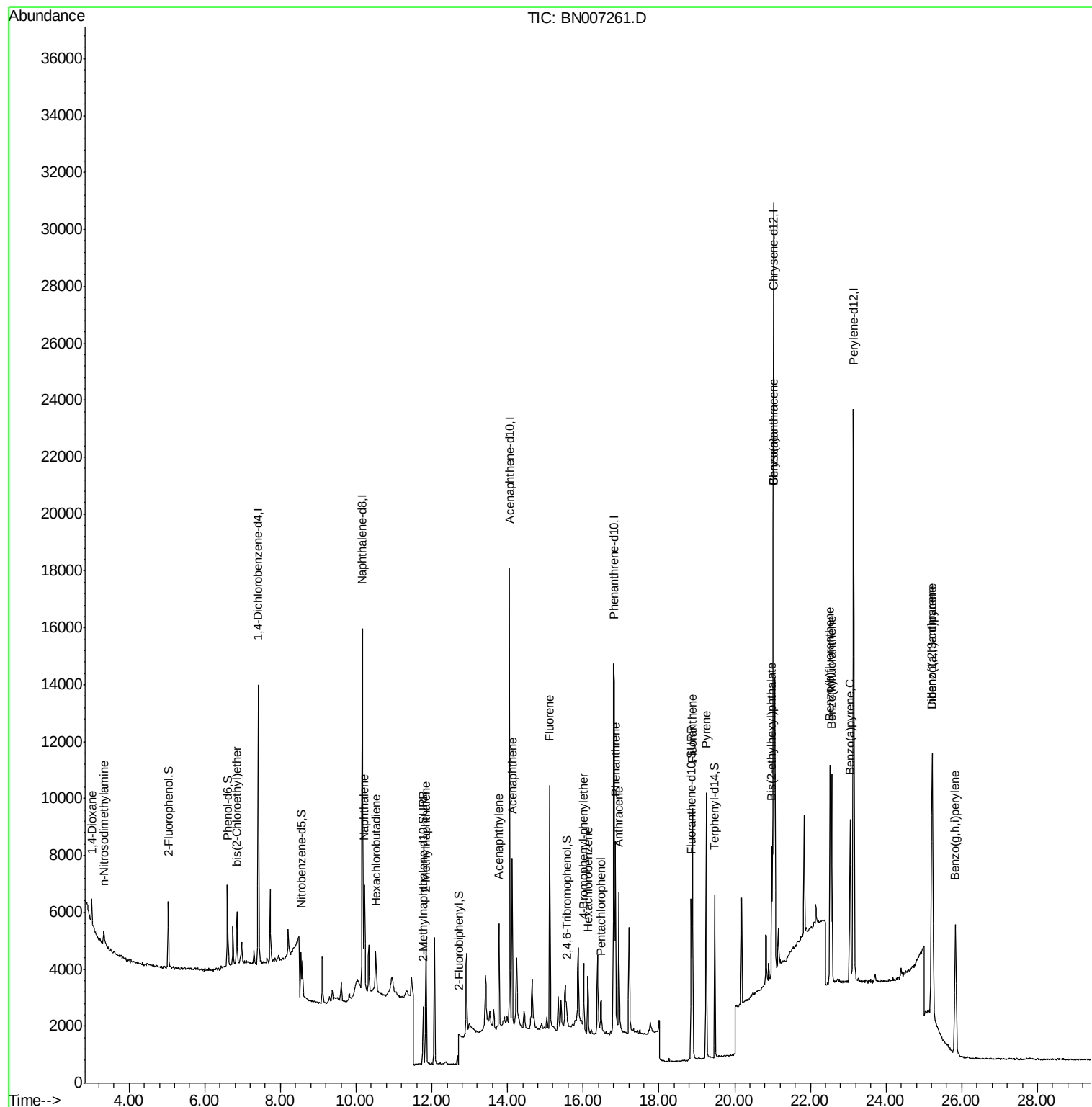
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	968	0.128	ng	# 80
3) n-Nitrosodimethylamine	3.33	42	560	0.095	ng	# 69
6) bis(2-Chloroethyl)ether	6.85	93	1414	0.090	ng	97
9) Naphthalene	10.22	128	4740	0.106	ng	95
10) Hexachlorobutadiene	10.52	225	1076	0.111	ng	# 99
12) 2-Methylnaphthalene	11.84	142	3250	0.114	ng	97
16) Acenaphthylene	13.77	152	4605	0.105	ng	97
17) Acenaphthene	14.12	154	3106	0.105	ng	98
18) Fluorene	15.11	166	4181	0.114	ng	98
20) 4-Bromophenyl-phenylether	16.02	248	1623	0.127	ng	97
21) Hexachlorobenzene	16.12	284	1518	0.091	ng	100
22) Pentachlorophenol	16.47	266	693	0.315	ng	96
23) Phenanthrene	16.85	178	6993	0.111	ng	99
24) Anthracene	16.94	178	6135	0.113	ng	98
26) Fluoranthene	18.88	202	8533	0.108	ng	99
28) Pyrene	19.25	202	8951	0.113	ng	99
30) Benzo(a)anthracene	21.01	228	8267	0.118	ng	96
31) Chrysene	21.01	228	8246	0.105	ng	93
32) Bis(2-ethylhexyl)phthalate	20.98	149	4202	0.128	ng	98
33) Indeno(1,2,3-cd)pyrene	25.21	276	11237	0.117	ng	99
35) Benzo(b)fluoranthene	22.52	252	9039	0.113	ng	# 90
36) Benzo(k)fluoranthene	22.56	252	9199	0.103	ng	# 88
37) Benzo(a)pyrene	23.05	252	8242	0.106	ng	# 84
38) Dibenzo(a,h)anthracene	25.23	278	9095	0.117	ng	# 36
39) Benzo(g,h,i)perylene	25.83	276	9197	0.112	ng	94

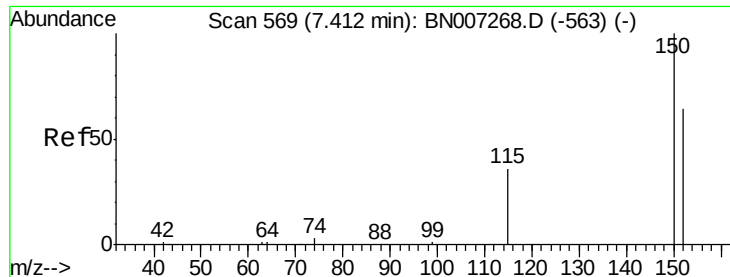
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

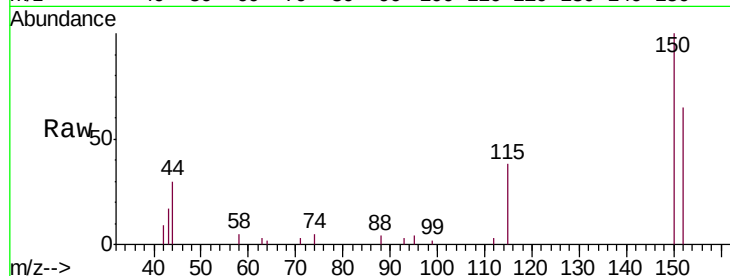
Tgt Ion:152 Resp: 4612

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.8

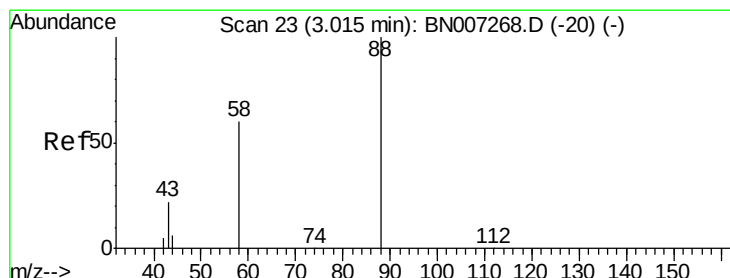
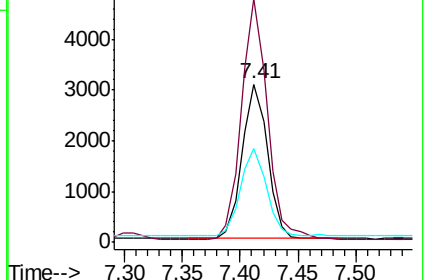
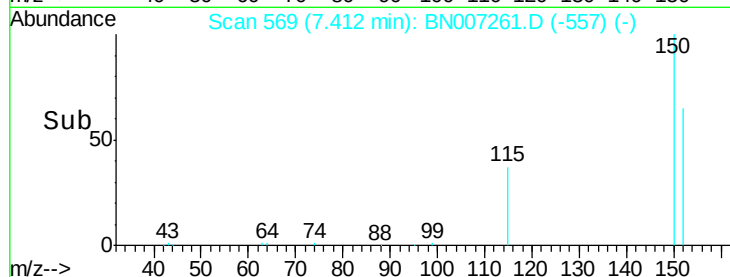
115 59.2 47.3 70.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.128 ng

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

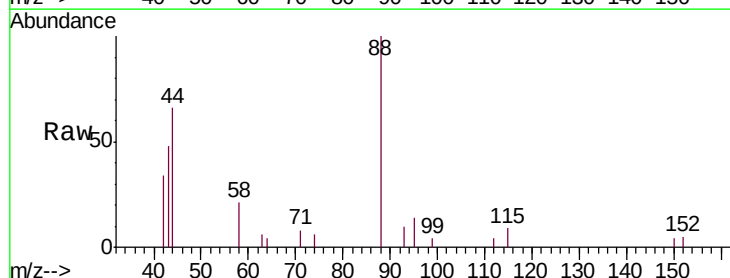
Tgt Ion: 88 Resp: 968

Ion Ratio Lower Upper

88 100

58 37.1 45.5 68.3#

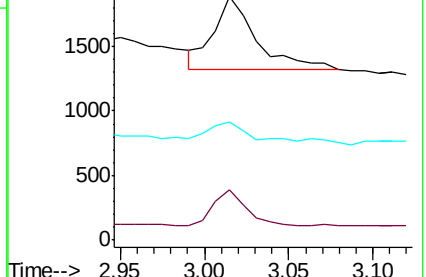
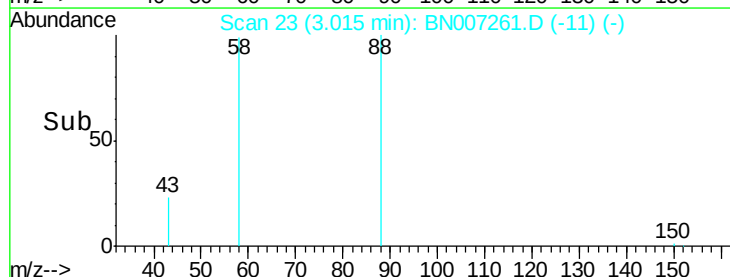
43 27.9 20.4 30.6

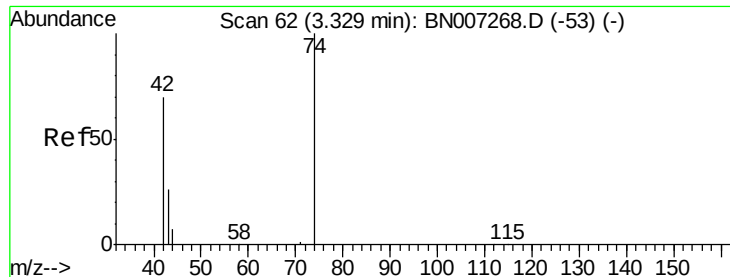


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.095 ng

RT: 3.33 min Scan# 62

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

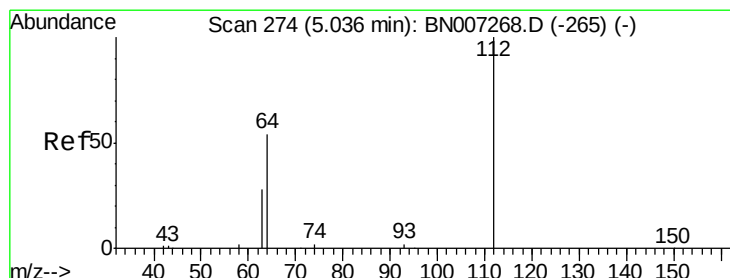
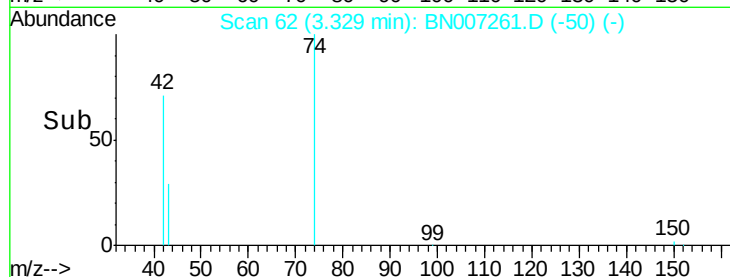
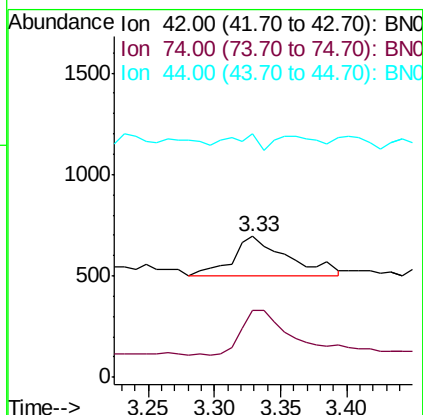
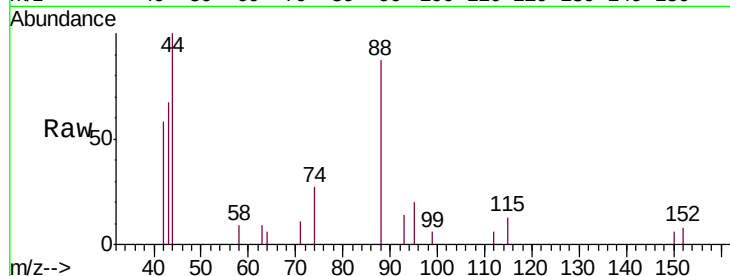
Tgt Ion: 42 Resp: 560

Ion Ratio Lower Upper

42 100

74 100.4 109.0 163.4#

44 21.8 4.2 6.2#



#4

2-Fluorophenol

Concen: 0.177 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

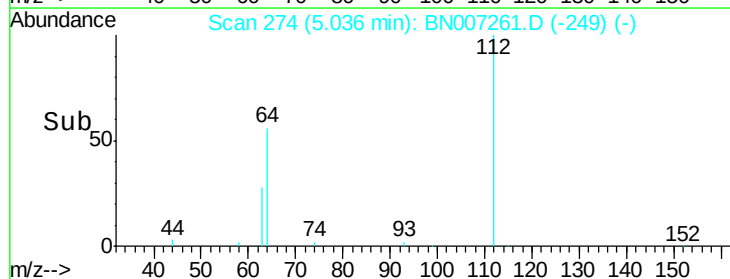
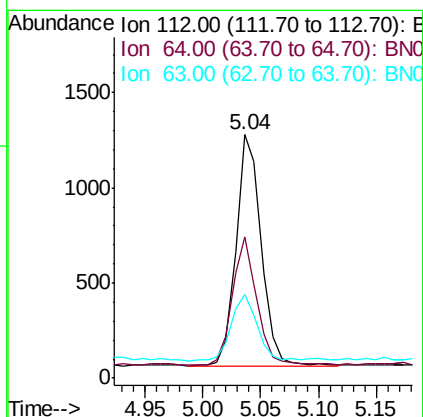
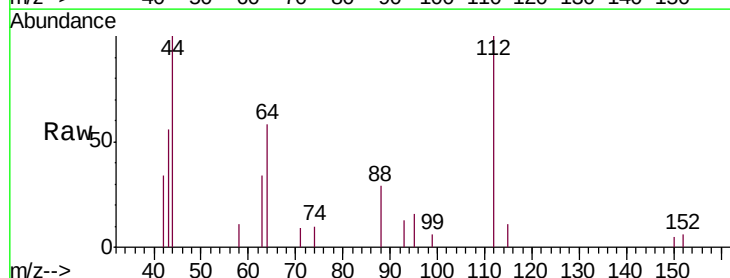
Tgt Ion: 112 Resp: 1810

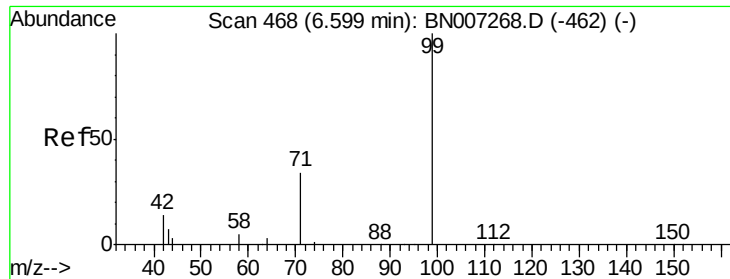
Ion Ratio Lower Upper

112 100

64 53.1 41.8 62.8

63 30.3 22.6 34.0





#5

Phenol-d6

Concen: 0.185 ng

RT: 6.60 min Scan# 468

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

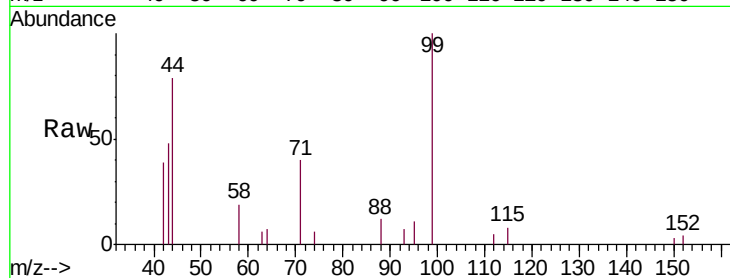
Tgt Ion: 99 Resp: 2607

Ion Ratio Lower Upper

99 100

42 19.8 14.3 21.5

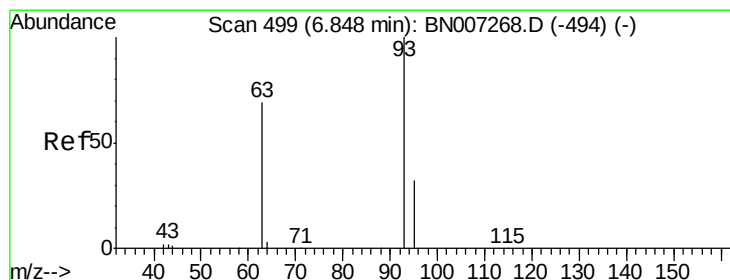
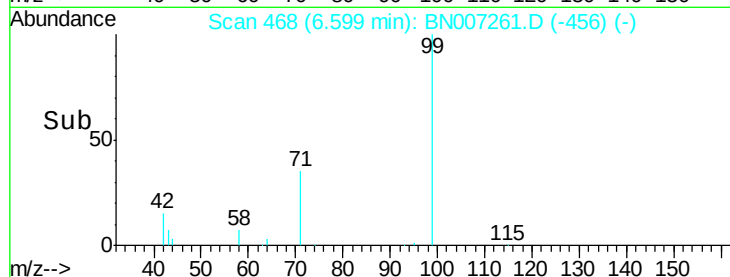
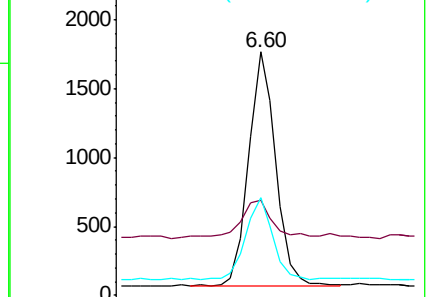
71 34.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN007261.D (-456) (-)

Ion 42.00 (41.70 to 42.70): BN007261.D (-456) (-)

Ion 71.00 (70.70 to 71.70): BN007261.D (-456) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.090 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

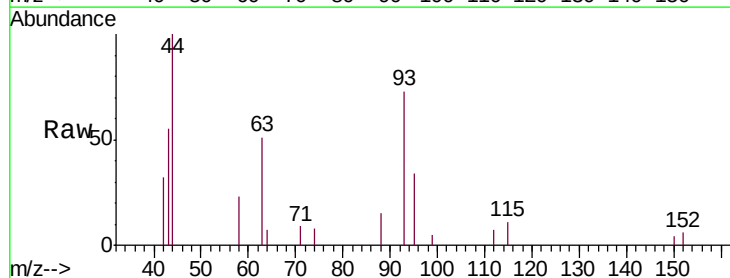
Tgt Ion: 93 Resp: 1414

Ion Ratio Lower Upper

93 100

63 65.2 54.4 81.6

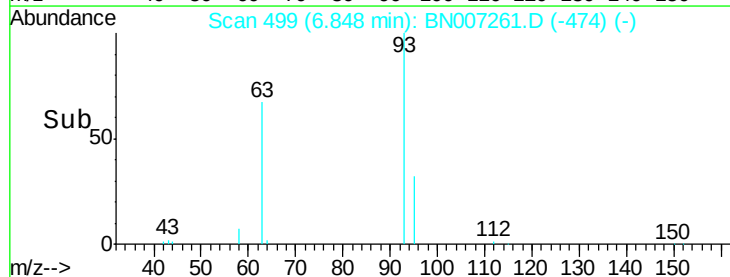
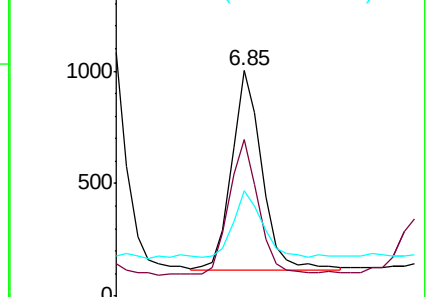
95 31.2 25.5 38.3

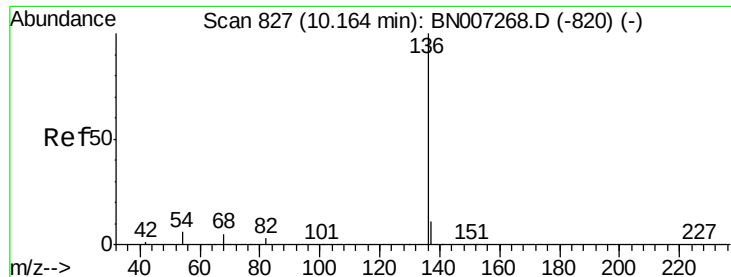


Abundance Ion 93.00 (92.70 to 93.70): BN007261.D (-474) (-)

Ion 63.00 (62.70 to 63.70): BN007261.D (-474) (-)

Ion 95.00 (94.70 to 95.70): BN007261.D (-474) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

Tgt Ion:136 Resp: 16663

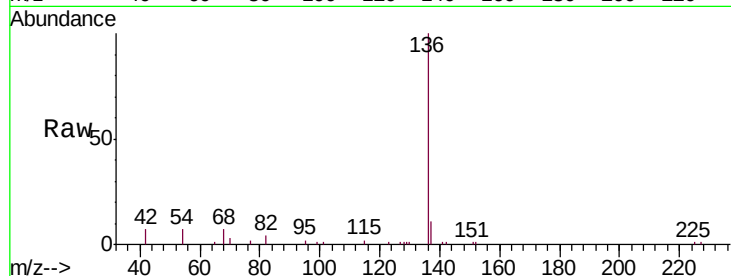
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 6.9 5.9 8.9

68 7.3 5.6 8.4

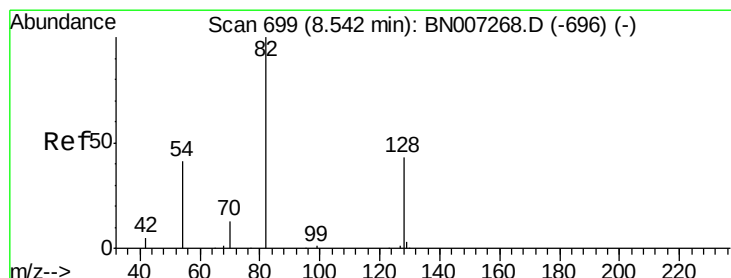
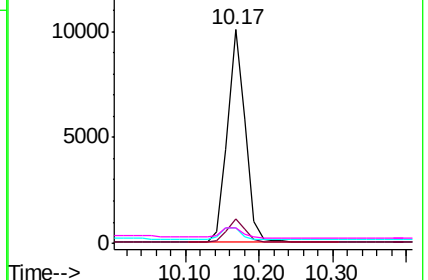
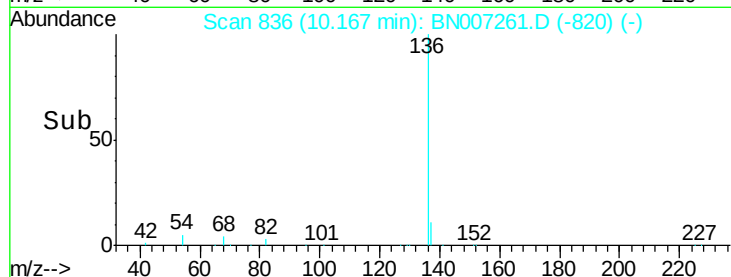


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.173 ng

RT: 8.55 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

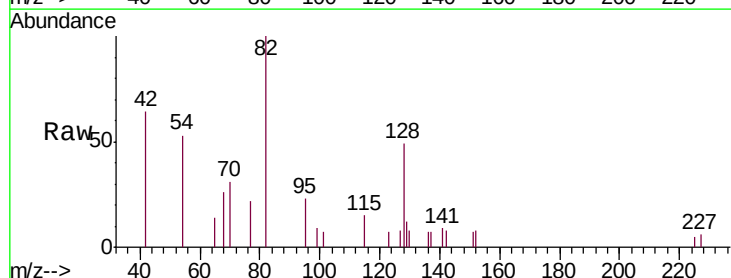
Tgt Ion: 82 Resp: 1963

Ion Ratio Lower Upper

82 100

128 48.7 35.8 53.6

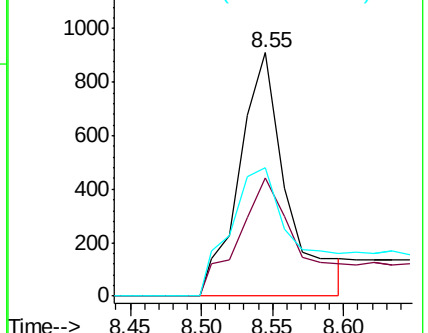
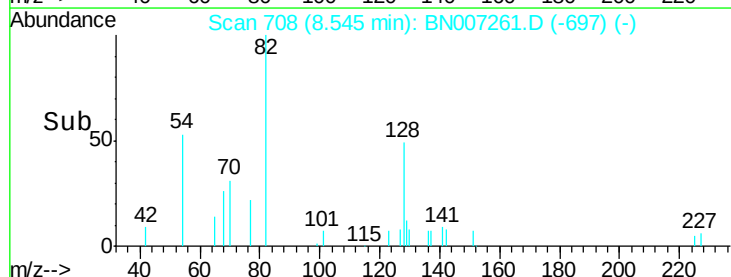
54 52.8 34.7 52.1#

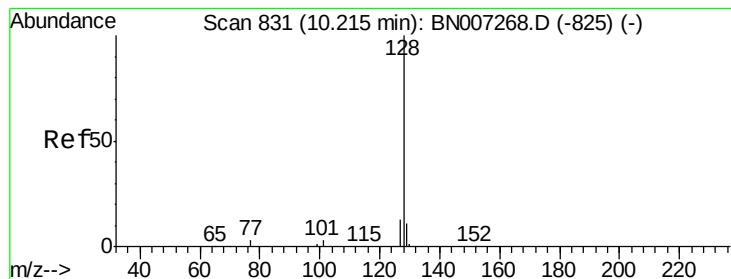


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.106 ng

RT: 10.22 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

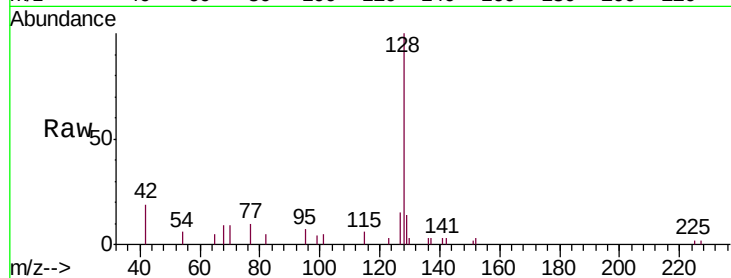
Tgt Ion:128 Resp: 4740

Ion Ratio Lower Upper

128 100

129 13.6 9.1 13.7

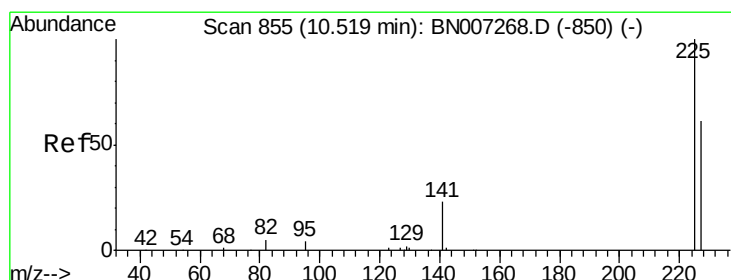
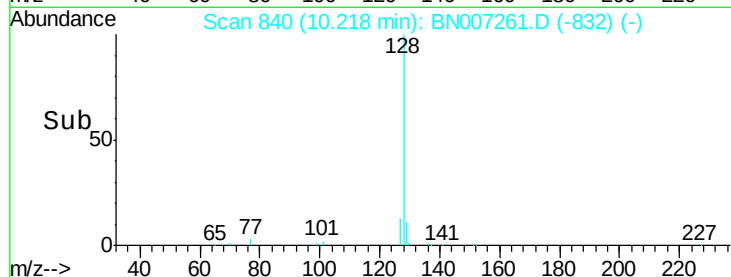
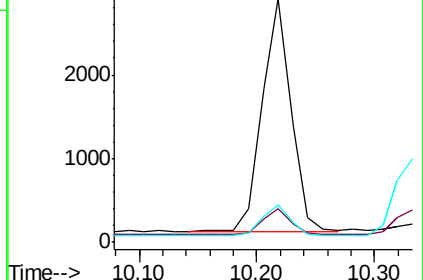
127 15.3 10.6 16.0



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: 0.111 ng

RT: 10.52 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

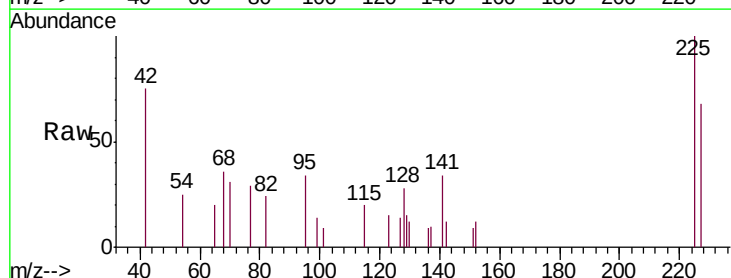
Tgt Ion:225 Resp: 1076

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

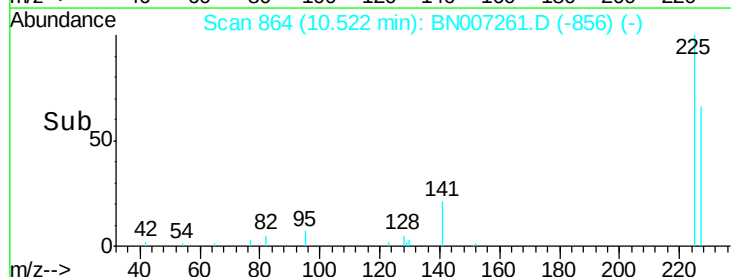
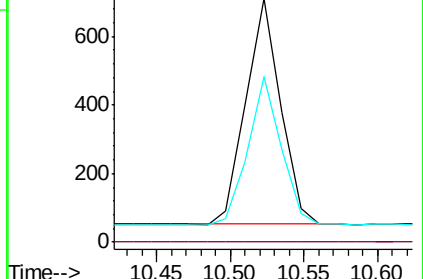
227 63.3 50.2 75.2

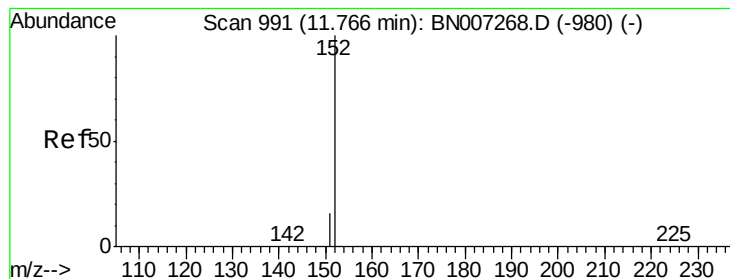


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.116 ng

RT: 11.77 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

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ClientSampleId :

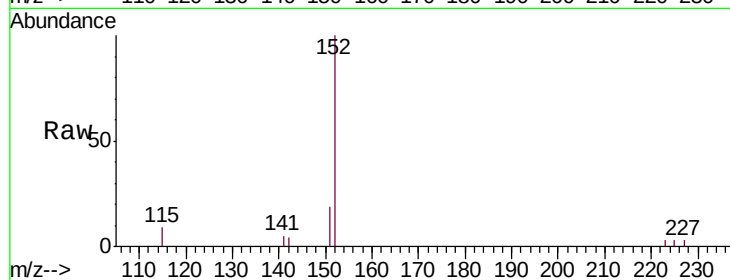
SSTDICC0.1

Tgt Ion:152 Resp: 2877

Ion Ratio Lower Upper

152 100

151 19.4 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

2000

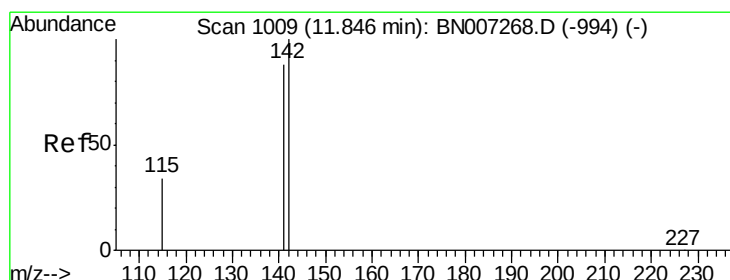
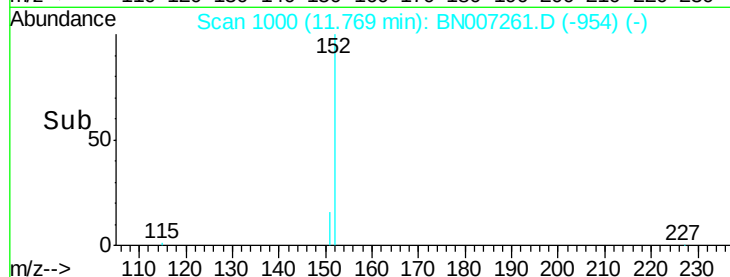
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.114 ng

RT: 11.84 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

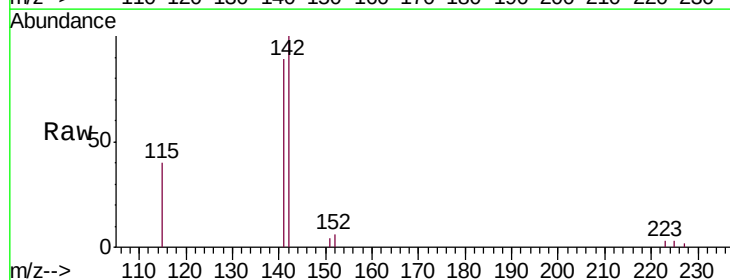
Tgt Ion:142 Resp: 3250

Ion Ratio Lower Upper

142 100

141 89.0 70.7 106.1

115 40.2 28.1 42.1



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

11.84

2500

2000

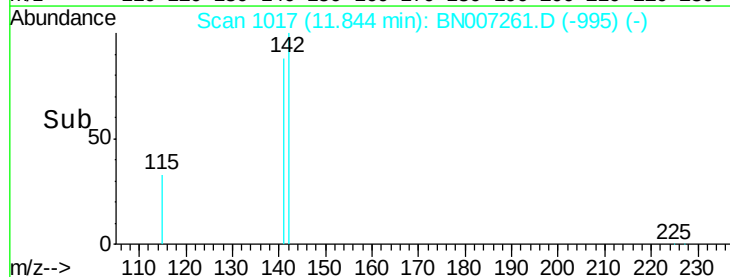
1500

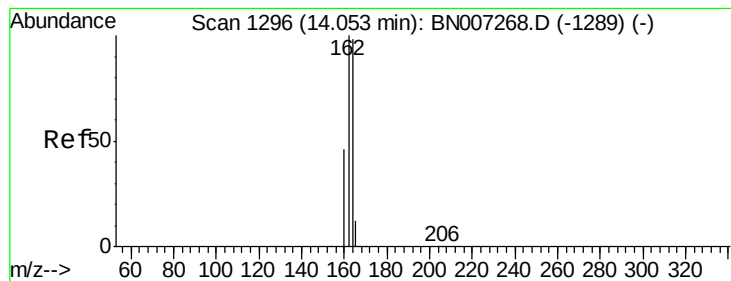
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

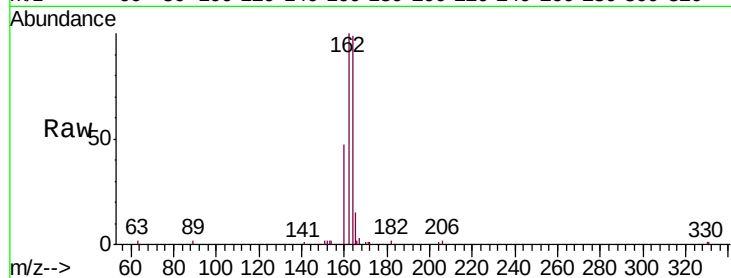
Tgt Ion:164 Resp: 9328

Ion Ratio Lower Upper

164 100

162 101.2 82.0 123.0

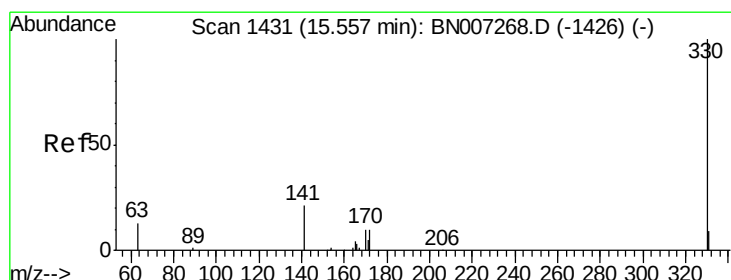
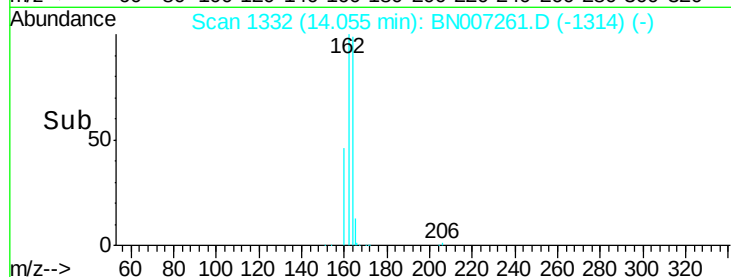
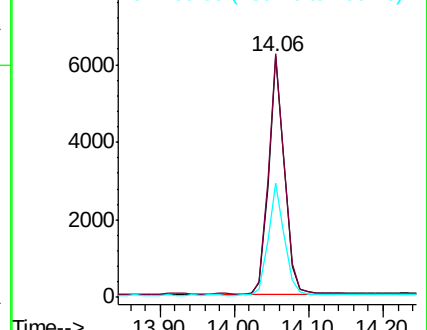
160 47.5 38.2 57.4



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: 15.56 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

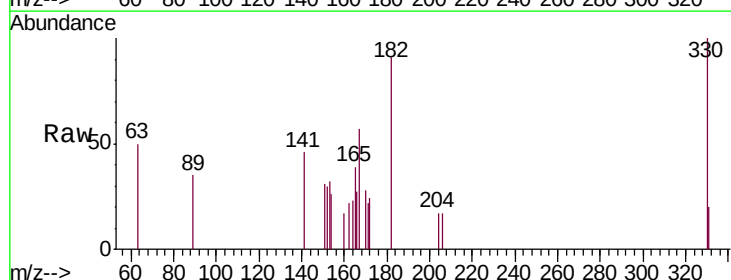
Tgt Ion:330 Resp: 621

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

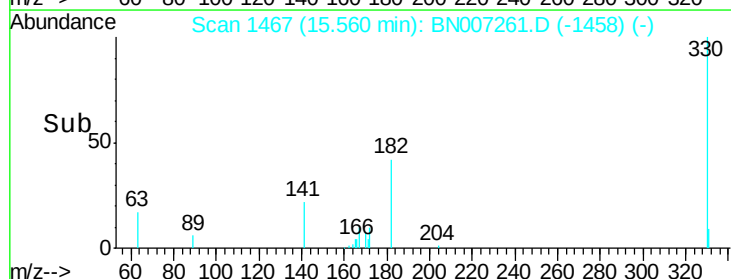
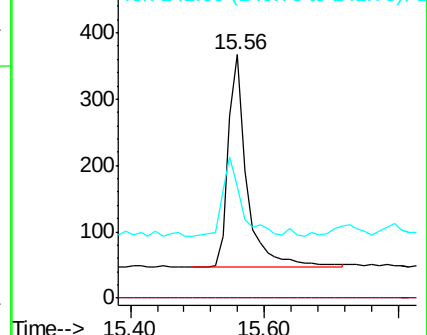
141 36.7 30.3 45.5

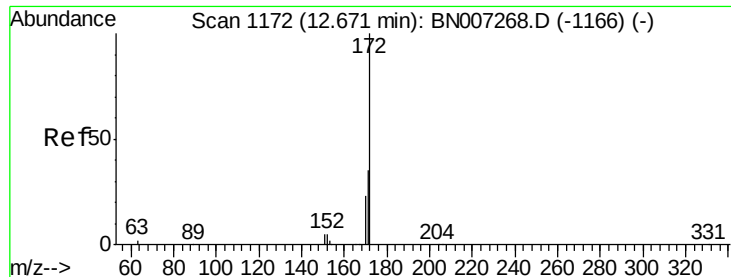


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

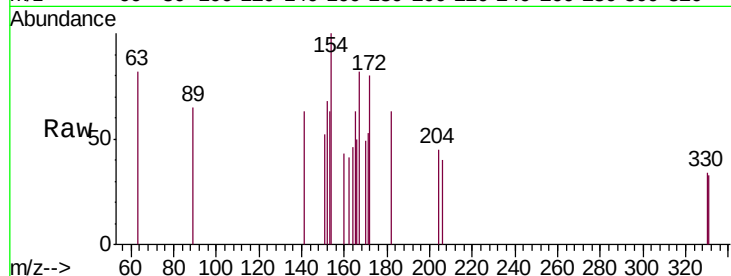




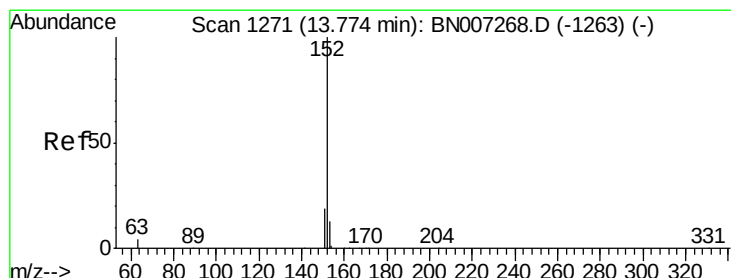
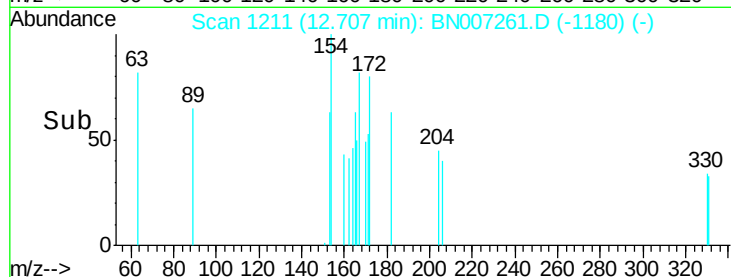
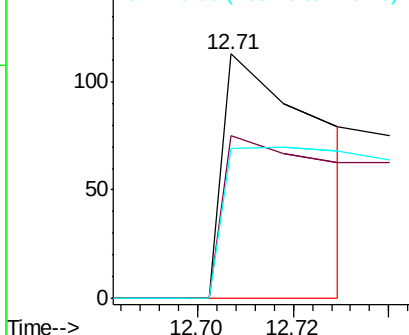
#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 12.71 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 132
Ion Ratio Lower Upper
172 100
171 66.4 28.6 43.0#
170 61.1 18.7 28.1#

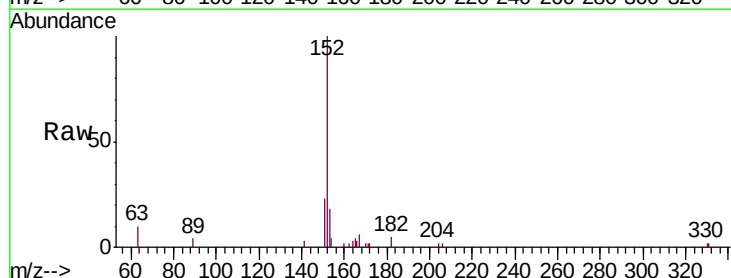


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

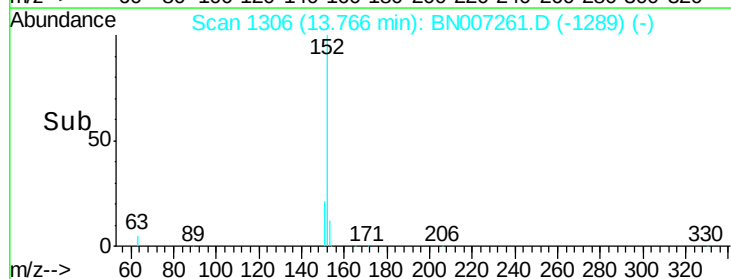
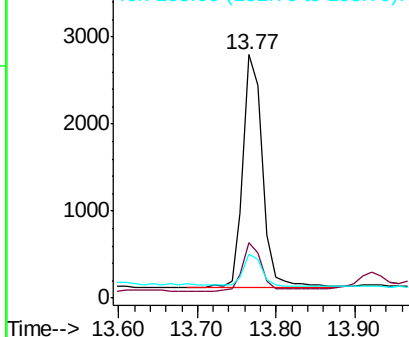


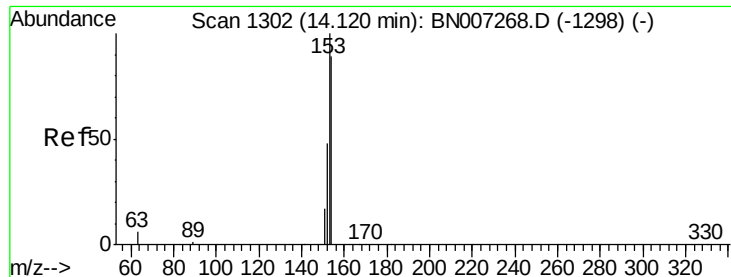
#16
Acenaphthylene
Concen: 0.105 ng
RT: 13.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion:152 Resp: 4605
Ion Ratio Lower Upper
152 100
151 20.7 15.4 23.2
153 13.9 10.1 15.1



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: 0.105 ng

RT: 14.12 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

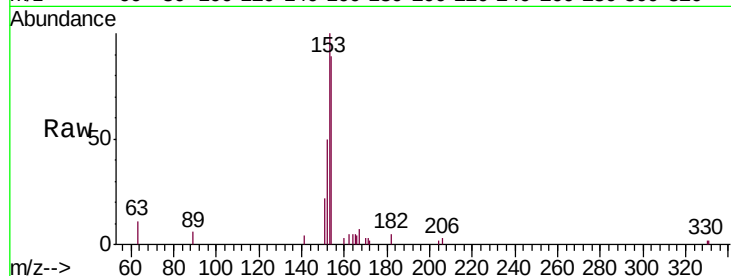
Tgt Ion:154 Resp: 3106

Ion Ratio Lower Upper

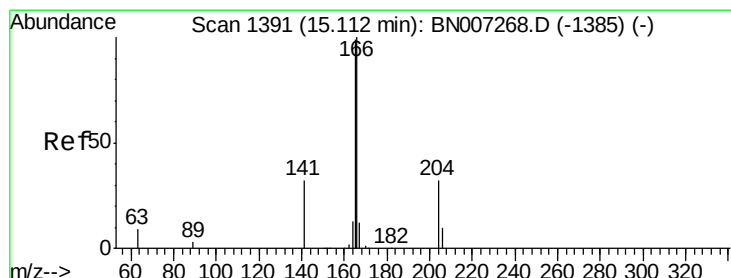
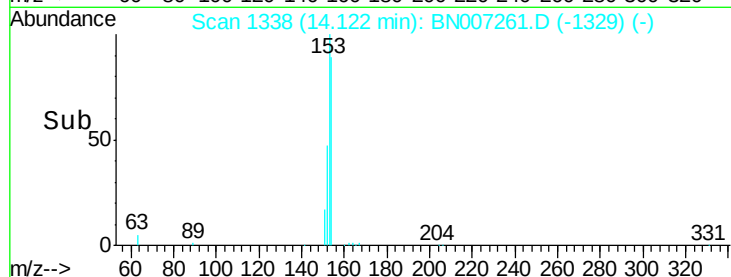
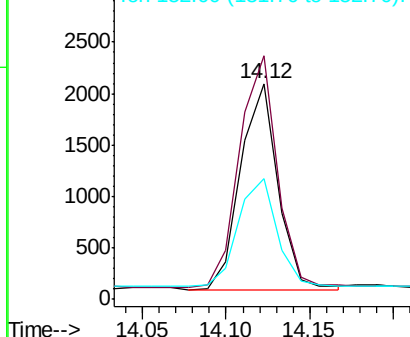
154 100

153 114.9 89.9 134.9

152 55.0 43.9 65.9



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: 0.114 ng

RT: 15.11 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

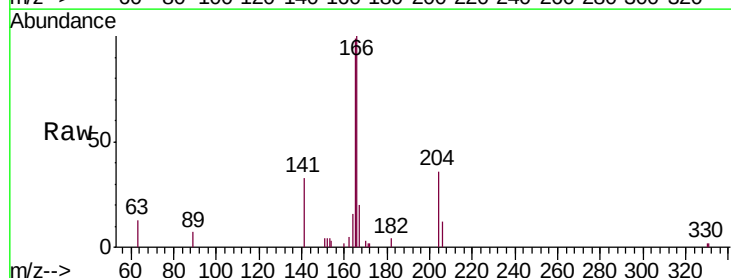
Tgt Ion:166 Resp: 4181

Ion Ratio Lower Upper

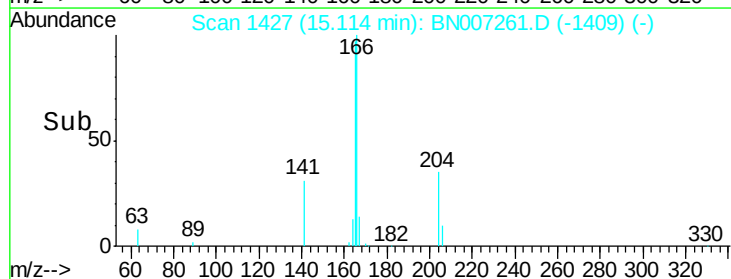
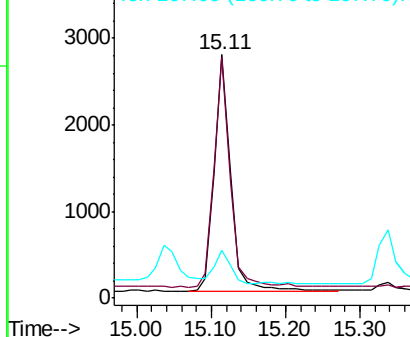
166 100

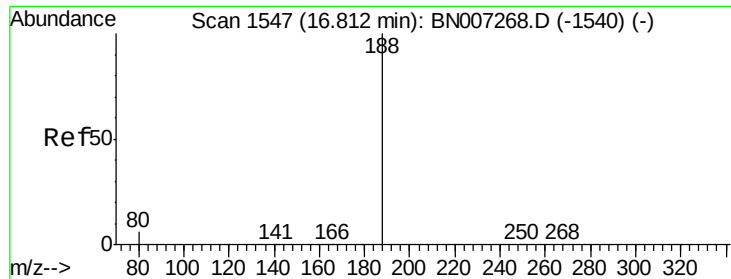
165 95.4 78.3 117.5

167 14.4 11.1 16.7



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# 1582

Delta R.T. -0.01 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

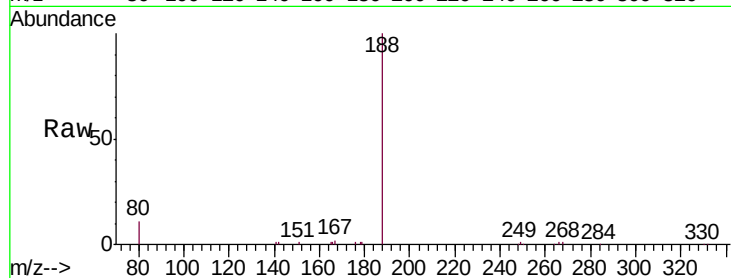
Tgt Ion:188 Resp: 22638

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

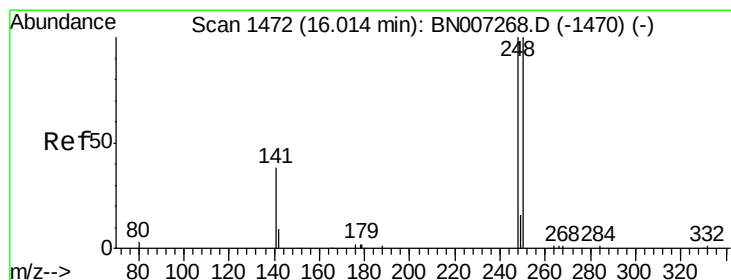
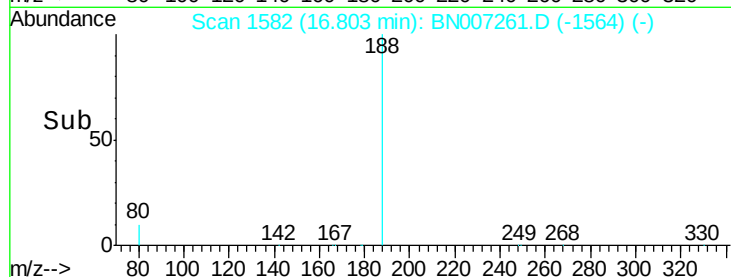
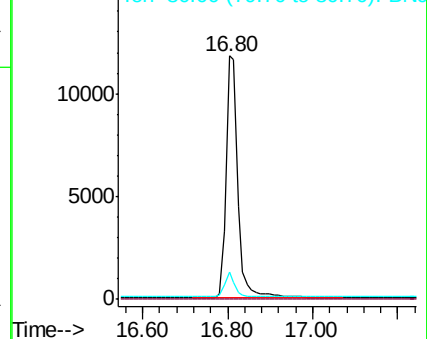
80 11.1 5.2 7.8#



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: 0.127 ng

RT: 16.02 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

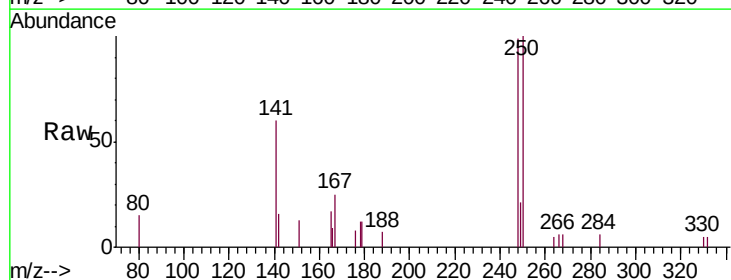
Tgt Ion:248 Resp: 1623

Ion Ratio Lower Upper

248 100

250 101.2 79.6 119.4

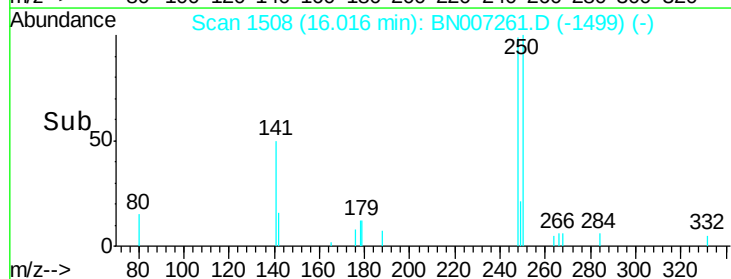
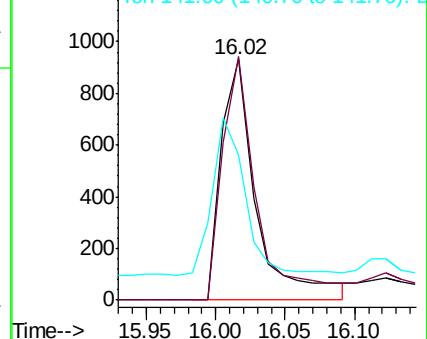
141 60.4 45.1 67.7

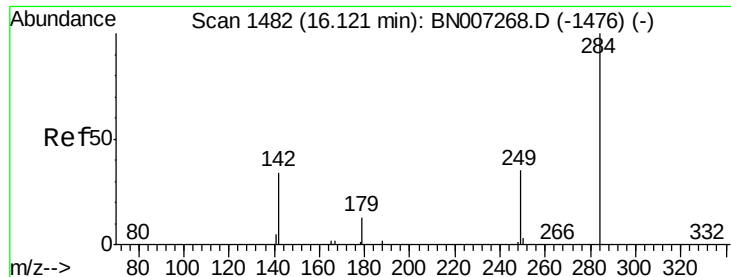


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

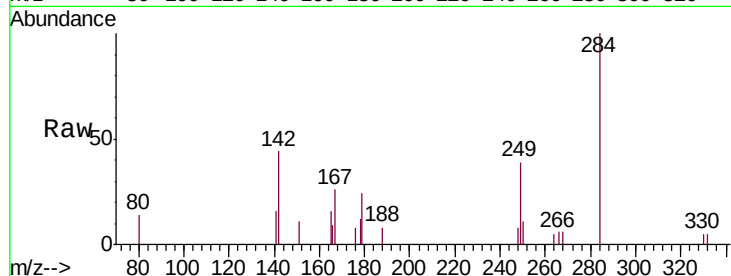




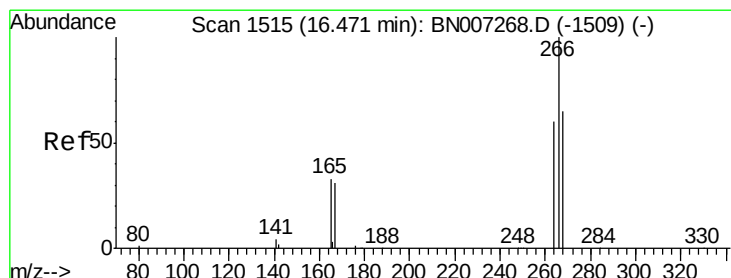
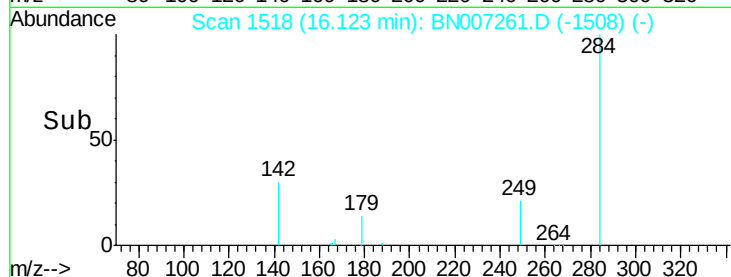
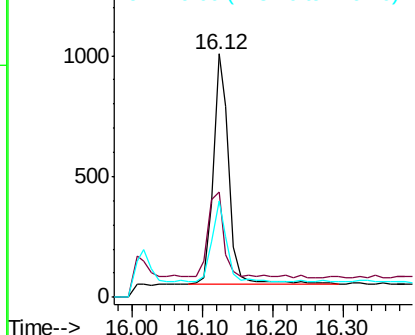
#21
Hexachlorobenzene
Concen: 0.091 ng
RT: 16.12 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tgt Ion: 284 Resp: 1518
Ion Ratio Lower Upper
284 100
142 36.8 29.5 44.3
249 32.9 26.2 39.4

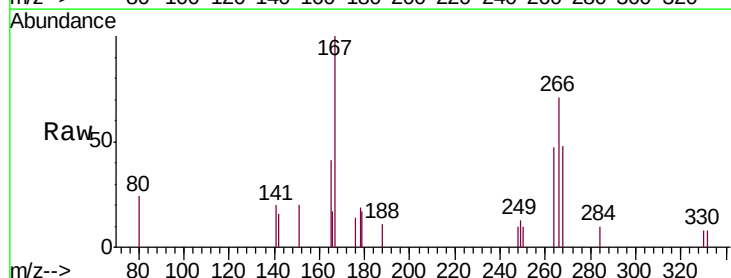


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

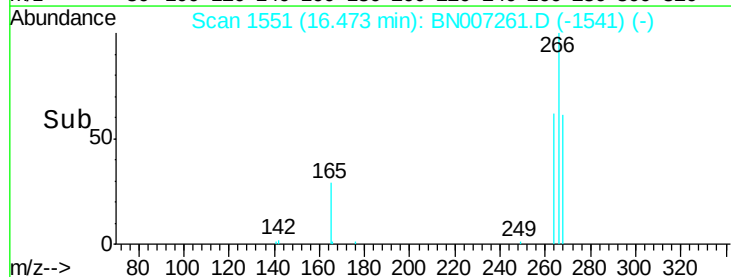
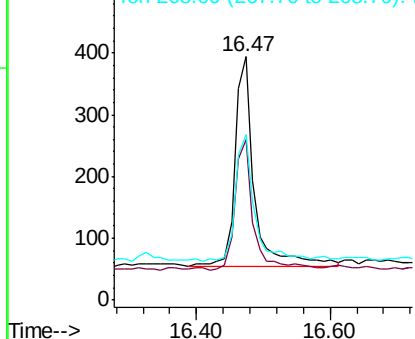


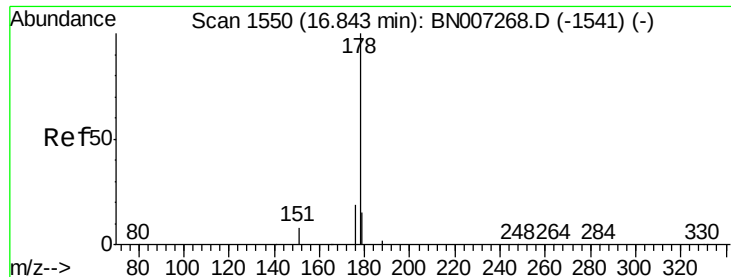
#22
Pentachlorophenol
Concen: 0.315 ng
RT: 16.47 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BN007261.D
Acq: 20 Aug 2019 12:32

Tgt Ion: 266 Resp: 693
Ion Ratio Lower Upper
266 100
264 65.7 48.7 73.1
268 68.0 53.5 80.3



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: 0.111 ng

RT: 16.85 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

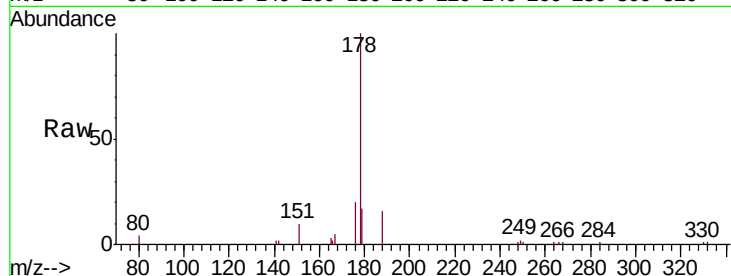
Tgt Ion:178 Resp: 6993

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

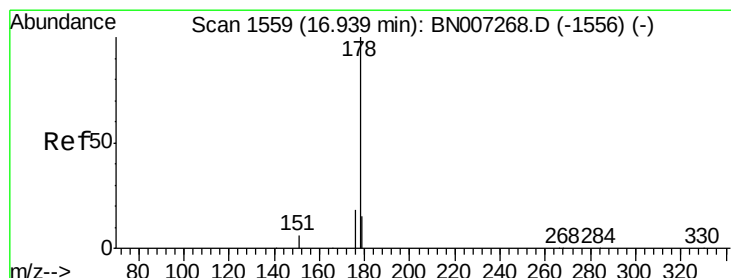
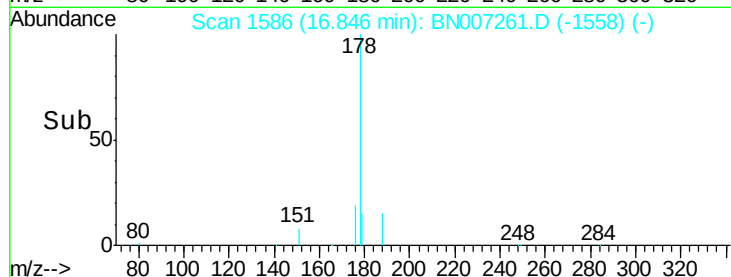
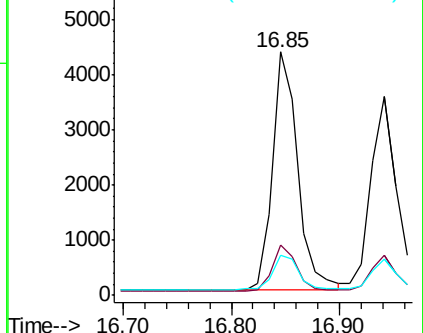
179 16.0 12.3 18.5



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: 0.113 ng

RT: 16.94 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

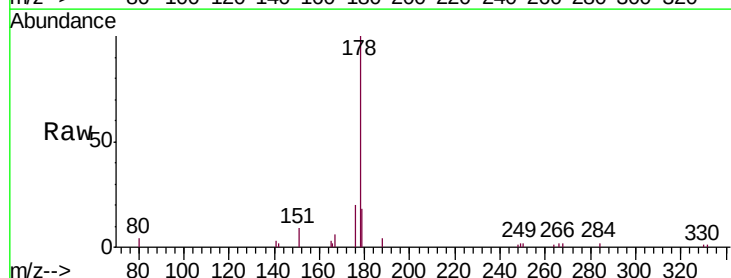
Tgt Ion:178 Resp: 6135

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

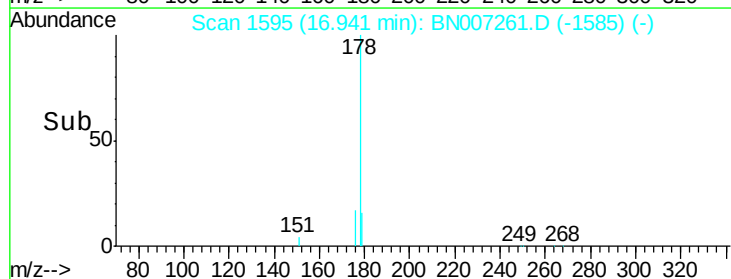
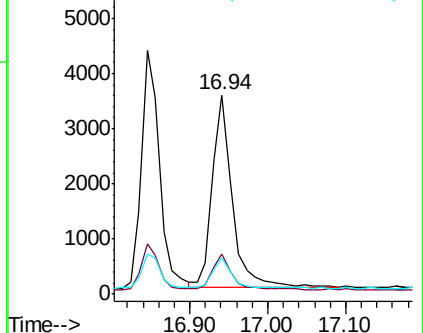
179 14.2 12.3 18.5

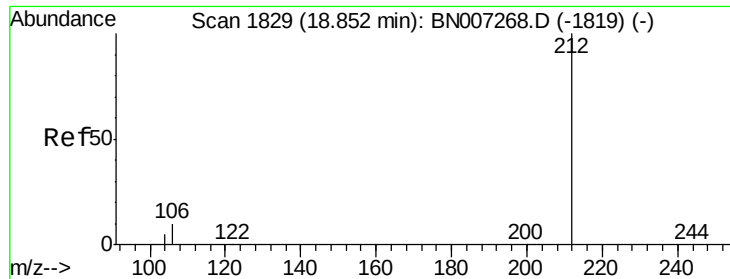


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.105 ng

RT: 18.85 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

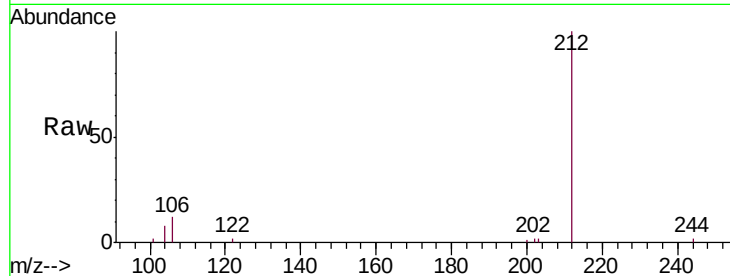
Tgt Ion:212 Resp: 7168

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.4

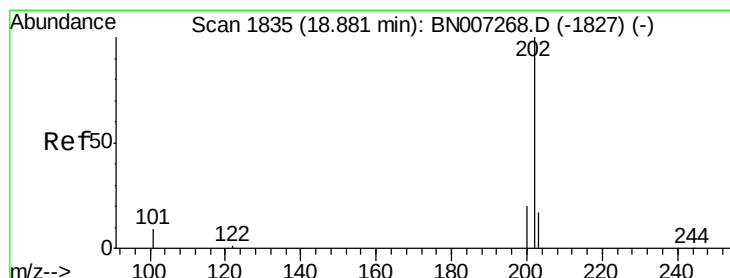
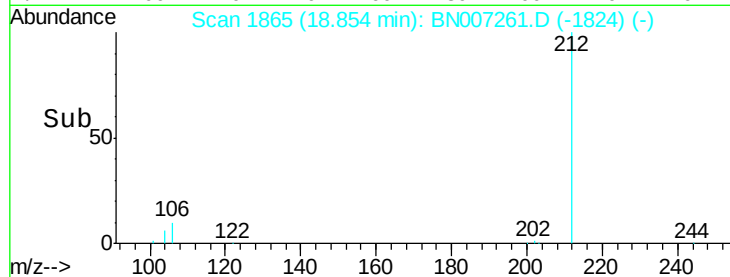
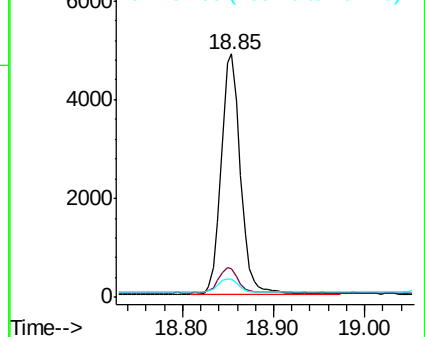
104 5.7 4.7 7.1



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: 0.108 ng

RT: 18.88 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

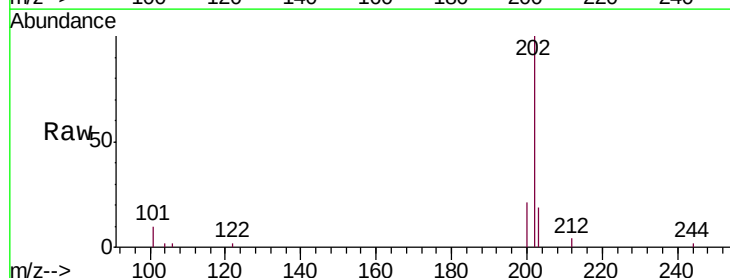
Tgt Ion:202 Resp: 8533

Ion Ratio Lower Upper

202 100

101 8.8 7.2 10.8

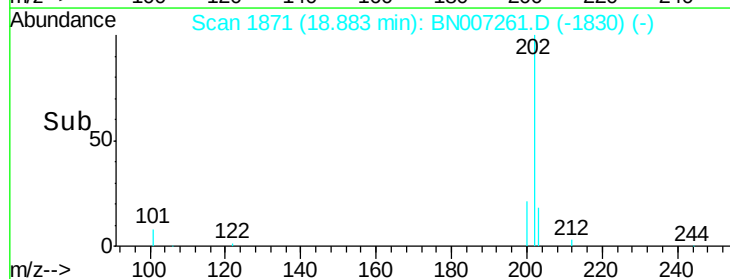
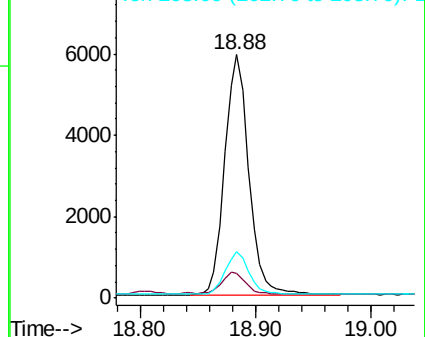
203 17.4 13.8 20.6

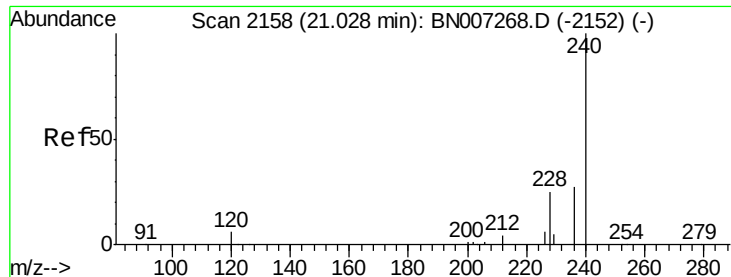


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2193

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

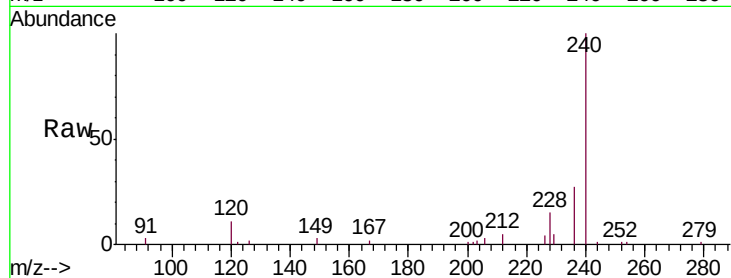
Tgt Ion:240 Resp: 22798

Ion Ratio Lower Upper

240 100

120 10.9 5.6 8.4#

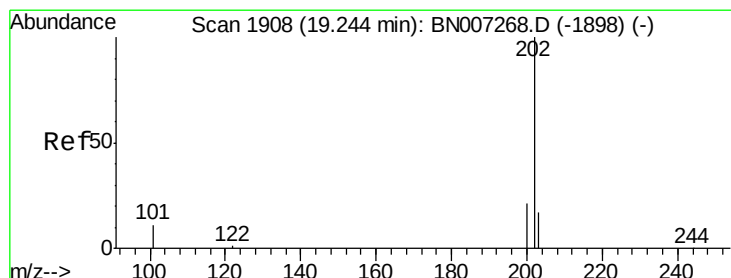
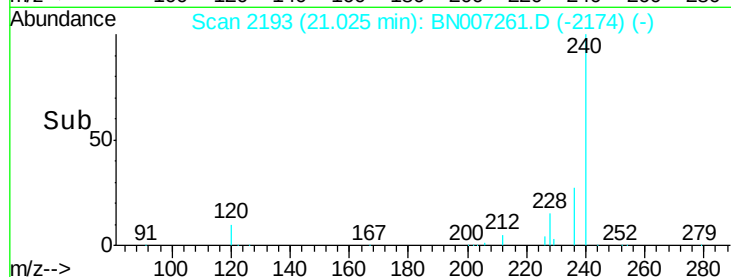
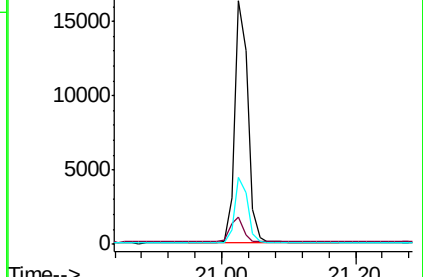
236 27.4 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.113 ng

RT: 19.25 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

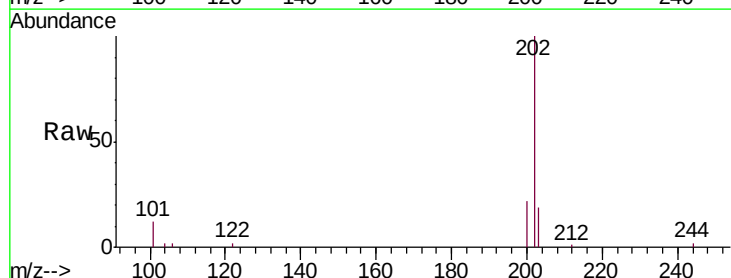
Tgt Ion:202 Resp: 8951

Ion Ratio Lower Upper

202 100

200 20.4 16.7 25.1

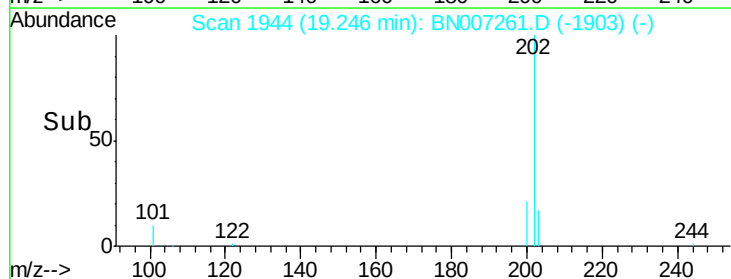
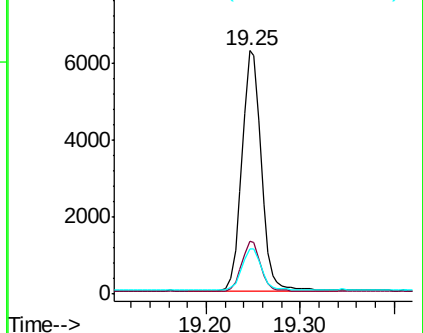
203 17.5 13.9 20.9

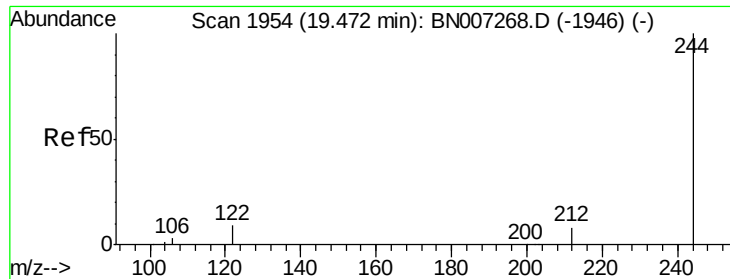


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.121 ng

RT: 19.47 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

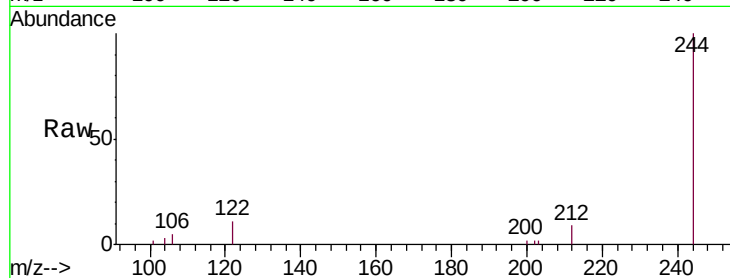
Tgt Ion:244 Resp: 6082

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

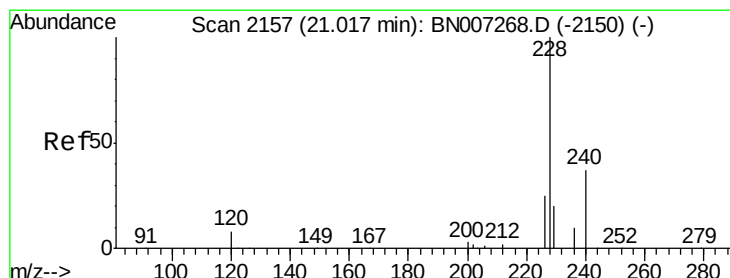
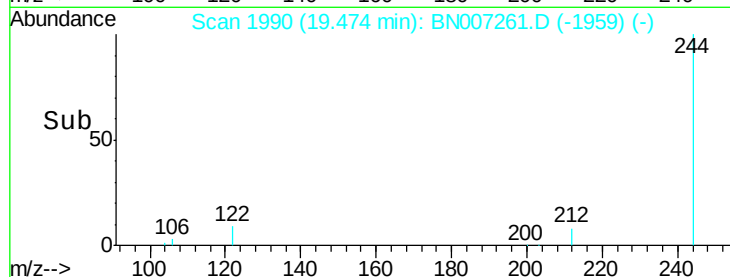
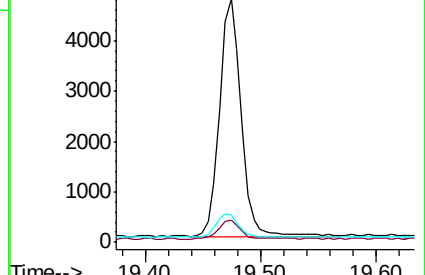
122 11.1 7.9 11.9



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: 0.118 ng

RT: 21.01 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

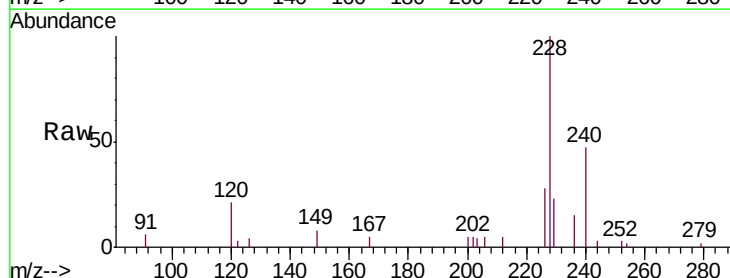
Tgt Ion:228 Resp: 8267

Ion Ratio Lower Upper

228 100

226 27.8 20.6 30.8

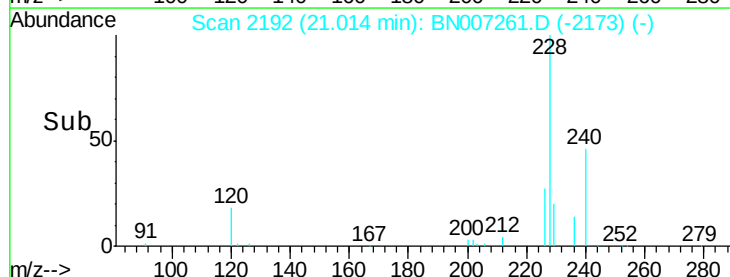
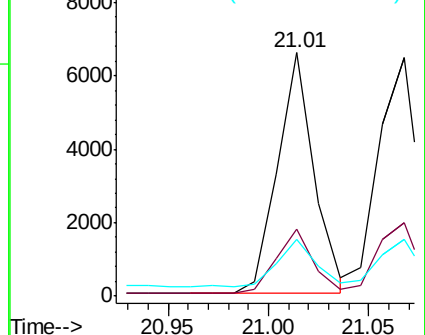
229 23.4 16.9 25.3

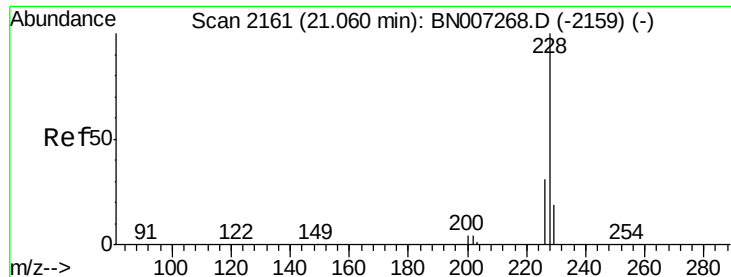


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.105 ng

RT: 21.01 min Scan# 2192

Delta R.T. -0.05 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

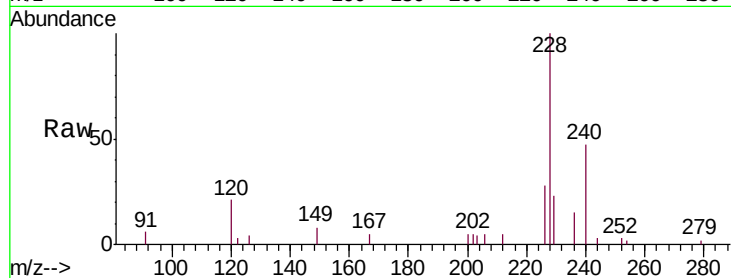
Tgt Ion:228 Resp: 8246

Ion Ratio Lower Upper

228 100

226 27.8 24.6 36.8

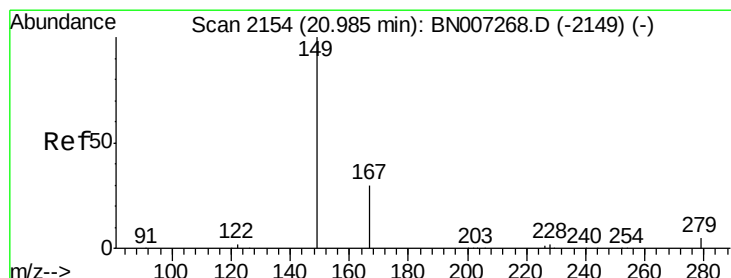
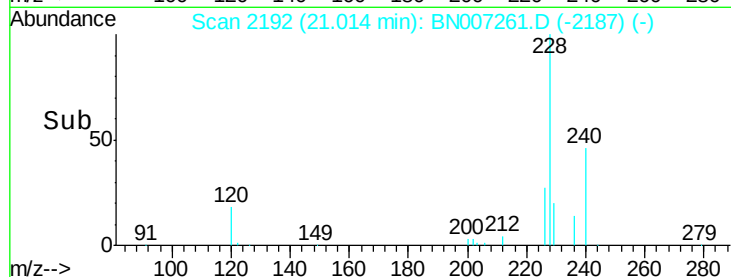
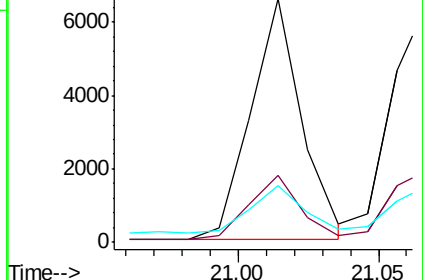
229 23.4 15.6 23.4



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: 0.128 ng

RT: 20.98 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

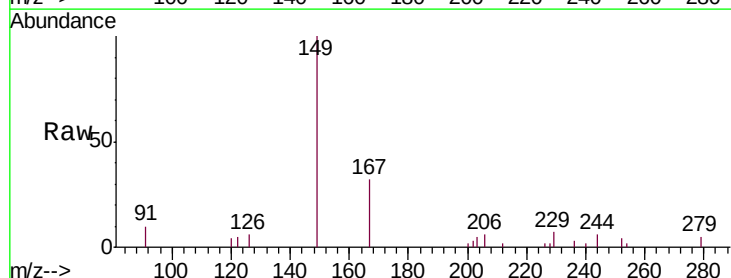
Tgt Ion:149 Resp: 4202

Ion Ratio Lower Upper

149 100

167 30.7 23.8 35.6

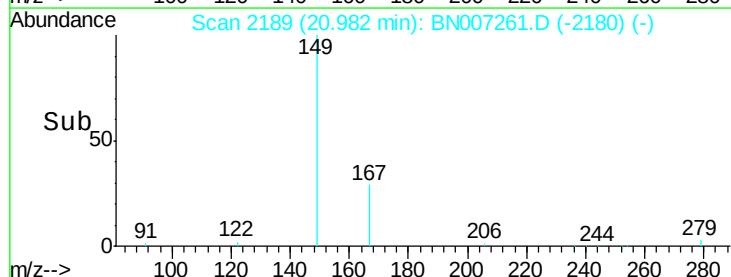
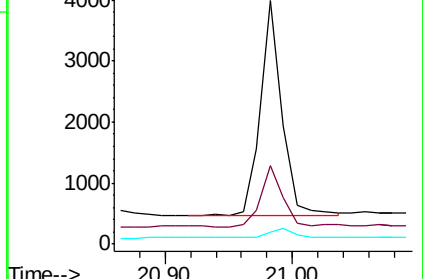
279 5.2 3.8 5.8

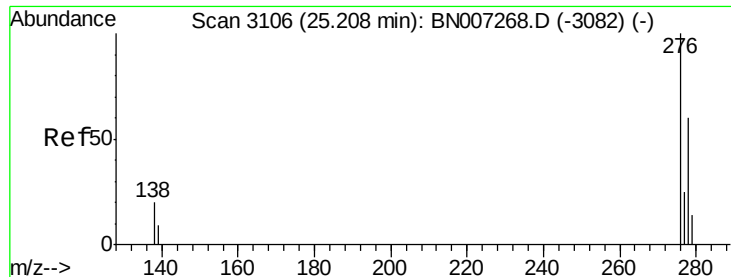


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.117 ng

RT: 25.21 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

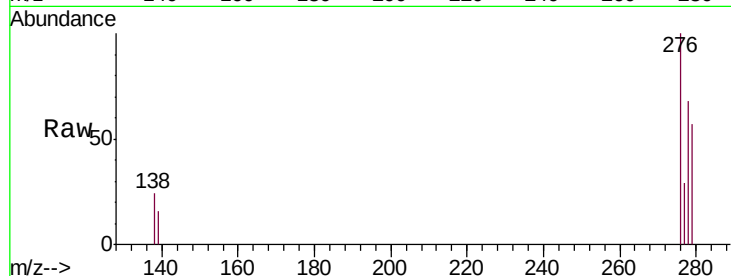
Tgt Ion:276 Resp: 11237

Ion Ratio Lower Upper

276 100

138 22.3 17.1 25.7

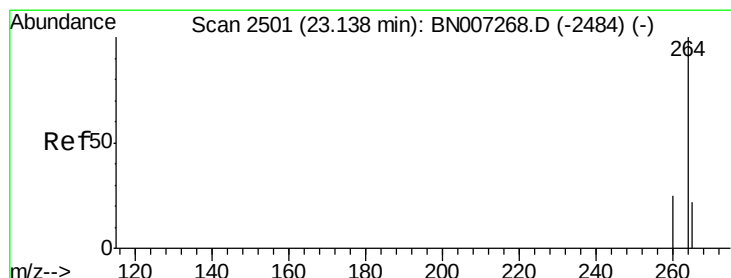
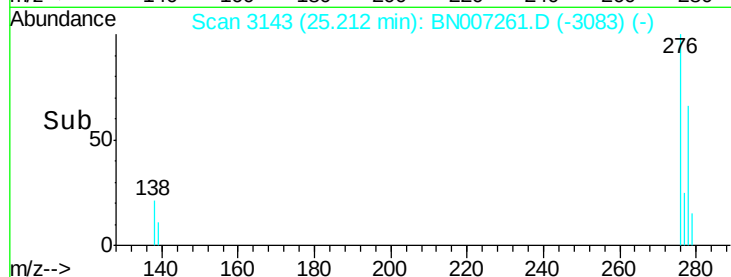
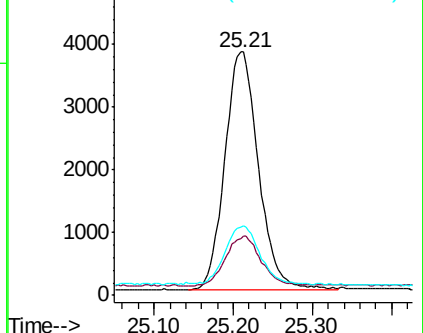
277 25.4 20.1 30.1



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: 23.14 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

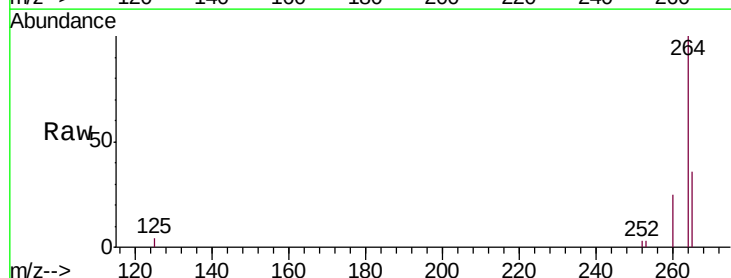
Tgt Ion:264 Resp: 25404

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

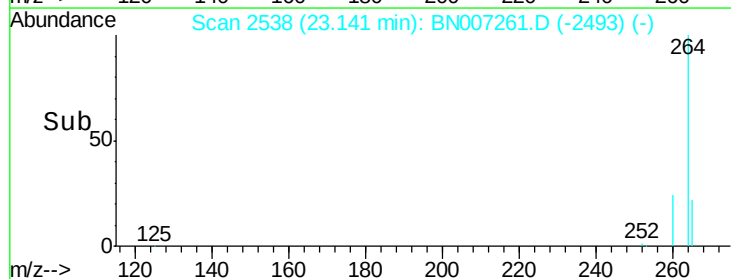
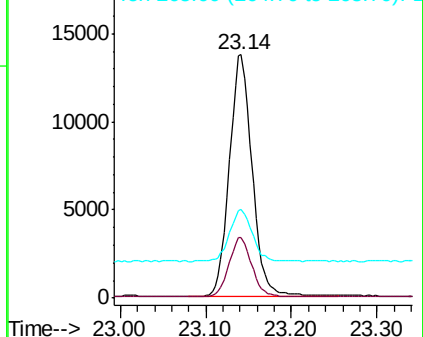
265 36.5 29.0 43.6

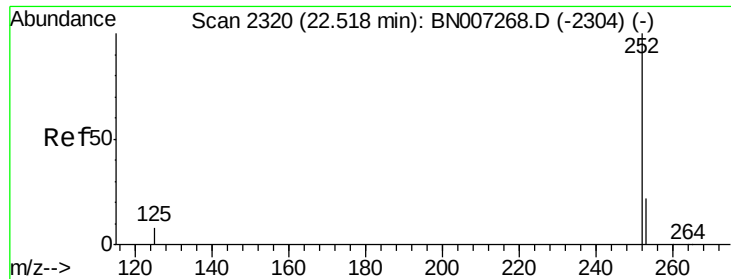


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.113 ng

RT: 22.52 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

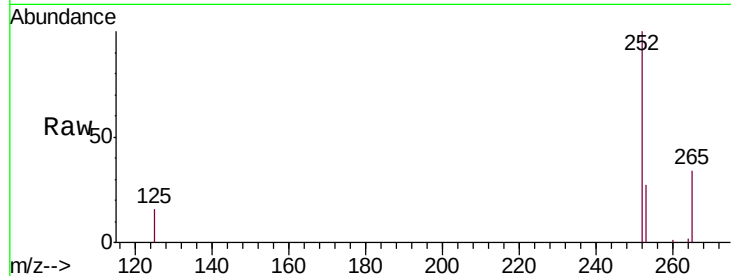
Tgt Ion:252 Resp: 9039

Ion Ratio Lower Upper

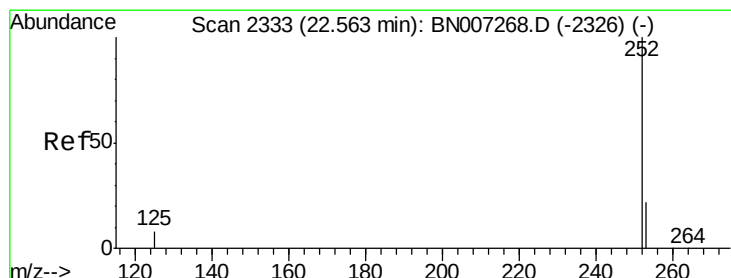
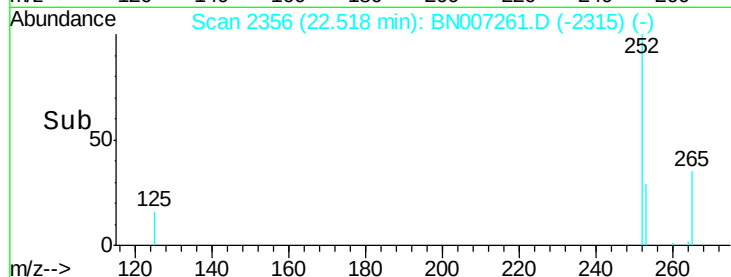
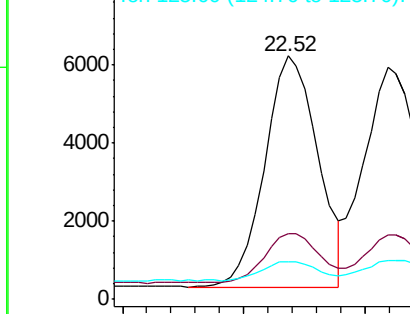
252 100

253 27.1 18.5 27.7

125 15.5 7.8 11.6#



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



#36

Benzo(k)fluoranthene

Concen: 0.103 ng

RT: 22.56 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

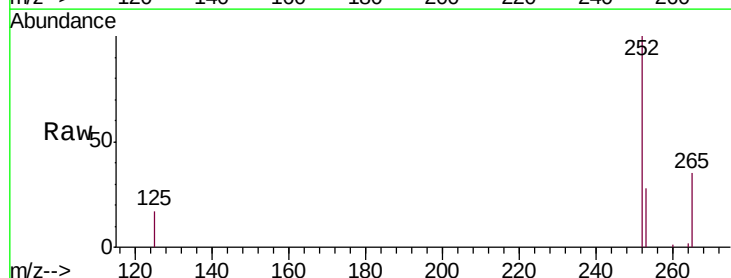
Tgt Ion:252 Resp: 9199

Ion Ratio Lower Upper

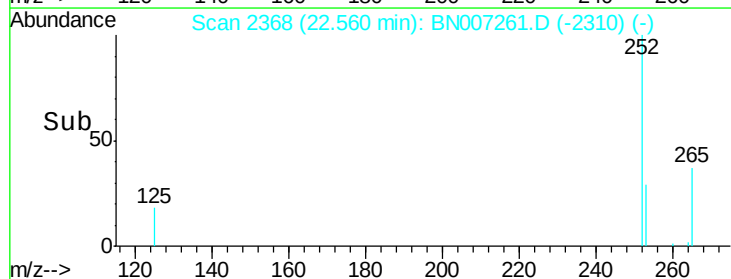
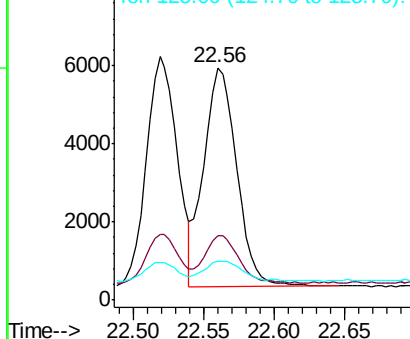
252 100

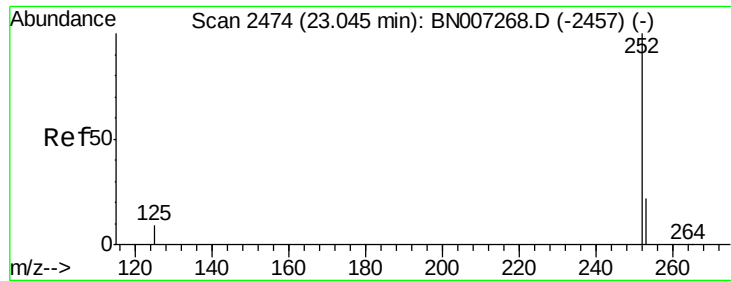
253 27.6 18.4 27.6

125 16.6 8.0 12.0#



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





#37

Benzo(a)pyrene

Concen: 0.106 ng

RT: 23.05 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

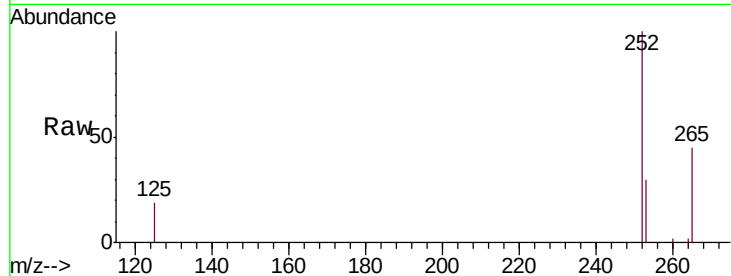
Tgt Ion:252 Resp: 8242

Ion Ratio Lower Upper

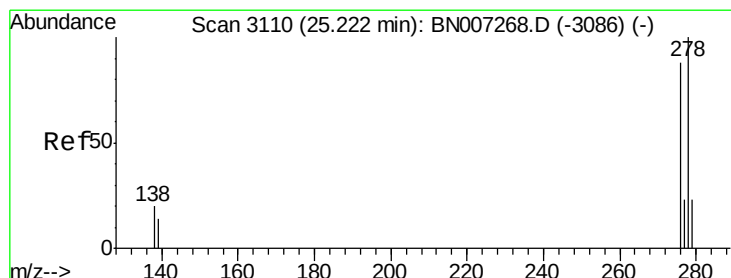
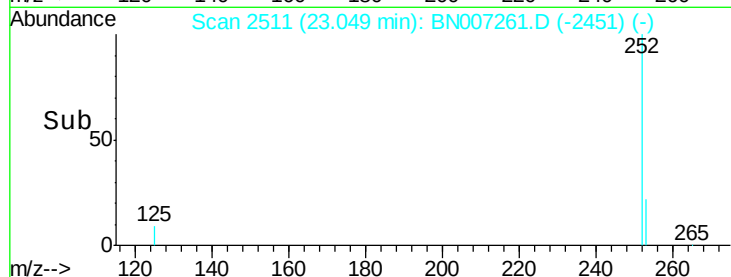
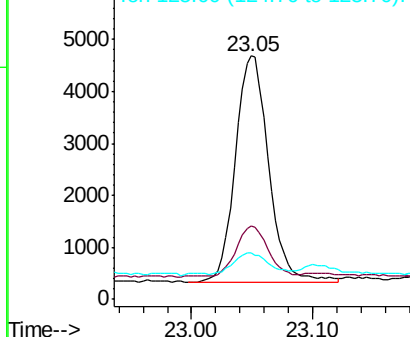
252 100

253 29.9 18.7 28.1#

125 19.2 8.7 13.1#



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: 0.117 ng

RT: 25.23 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BN007261.D

Acq: 20 Aug 2019 12:32

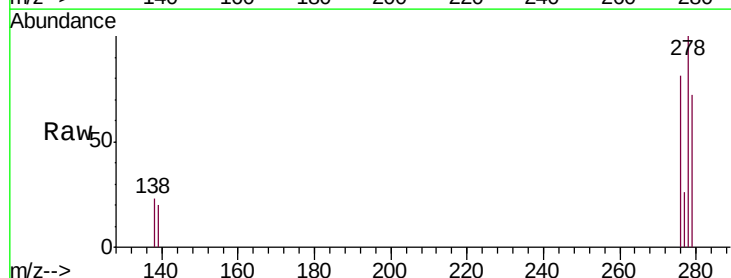
Tgt Ion:278 Resp: 9095

Ion Ratio Lower Upper

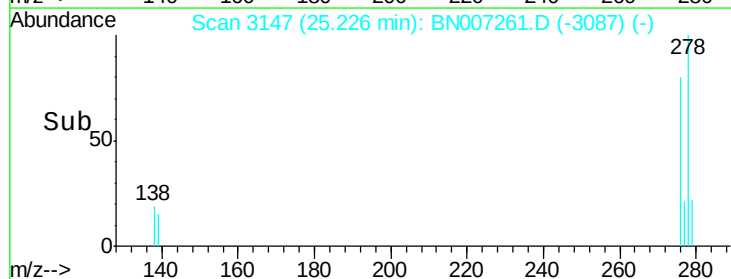
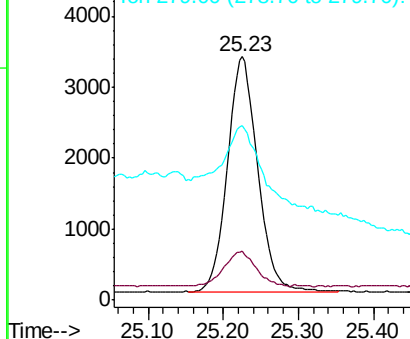
278 100

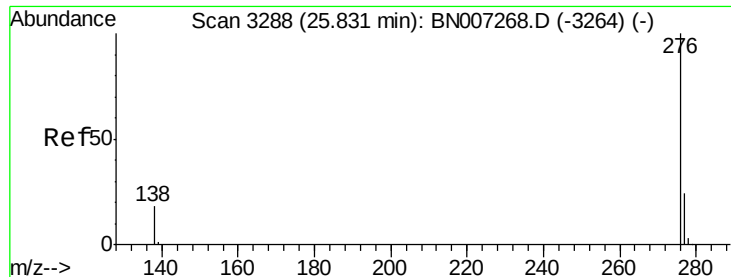
139 20.3 11.8 17.8#

279 71.9 19.8 29.6#



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: 0.112 ng

RT: 25.83 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BN007261.D

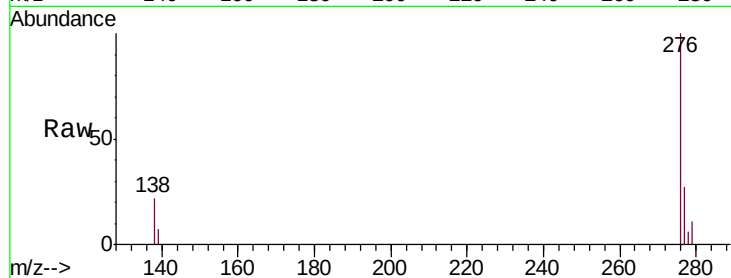
Acq: 20 Aug 2019 12:32

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1



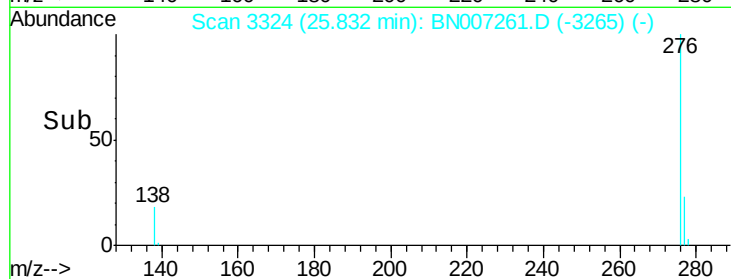
Tgt Ion: 276 Resp: 9197

Ion Ratio Lower Upper

276 100

277 27.1 19.5 29.3

138 22.2 15.3 22.9



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

