

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
 Data File : BN009363.D
 Acq On : 13 Jan 2020 14:30
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jan 13 16:26:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 13 16:24:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1295	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4426	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	2847	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	6392	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5575	0.40	ng	0.00
34) Perylene-d12	23.19	264	5561	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.13	112	296	0.09	ng	0.00
5) Phenol-d6	6.70	99	301	0.07	ng	0.02
8) Nitrobenzene-d5	8.66	82	287	0.08	ng	0.03
11) 2-Methylnaphthalene-d10	11.86	152	795	0.11	ng	0.03
14) 2,4,6-Tribromophenol	15.64	330	96	0.07	ng	0.02
15) 2-Fluorobiphenyl	12.75	172	957	0.09	ng	0.03
25) Fluoranthene-d10	18.90	212	2091	0.11	ng	0.00
29) Terphenyl-d14	19.52	244	1311	0.10	ng	0.00

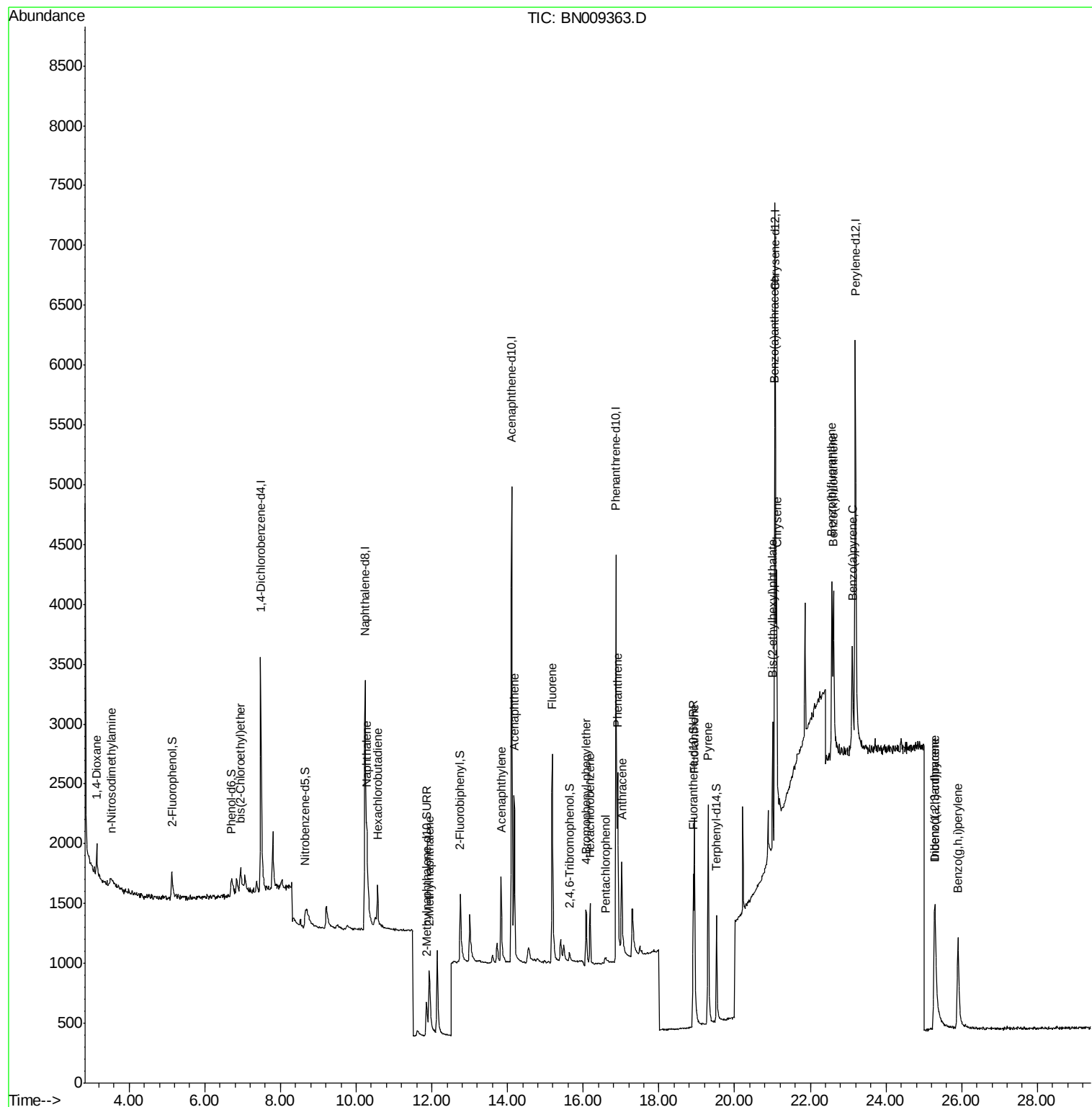
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	117	0.096	ng	84
3) n-Nitrosodimethylamine	3.52	42	108	0.064	ng	# 23
6) bis(2-Chloroethyl)ether	6.95	93	376	0.088	ng	# 70
9) Naphthalene	10.29	128	1160	0.096	ng	# 81
10) Hexachlorobutadiene	10.57	225	278	0.120	ng	# 97
12) 2-Methylnaphthalene	11.93	142	806	0.090	ng	# 94
16) Acenaphthylene	13.83	152	1107	0.085	ng	99
17) Acenaphthene	14.17	154	846	0.098	ng	99
18) Fluorene	15.18	166	1113	0.096	ng	99
20) 4-Bromophenyl-phenylether	16.07	248	355	0.093	ng	# 88
21) Hexachlorobenzene	16.18	284	415	0.095	ng	99
22) Pentachlorophenol	16.59	266	81	0.052	ng	87
23) Phenanthrene	16.91	178	1824	0.091	ng	98
24) Anthracene	17.02	178	1380	0.078	ng	100
26) Fluoranthene	18.94	202	2115	0.088	ng	99
28) Pyrene	19.30	202	2202	0.113	ng	99
30) Benzo(a)anthracene	21.06	228	1594	0.081	ng	93
31) Chrysene	21.11	228	2226	0.109	ng	96
32) Bis(2-ethylhexyl)phthalate	21.00	149	849	0.092	ng	98
33) Indeno(1,2,3-cd)pyrene	25.28	276	2031	0.094	ng	96
35) Benzo(b)fluoranthene	22.57	252	1860	0.093	ng	# 66
36) Benzo(k)fluoranthene	22.61	252	2257	0.113	ng	# 62
37) Benzo(a)pyrene	23.11	252	1623	0.091	ng	# 47
38) Dibenzo(a,h)anthracene	25.30	278	1569	0.094	ng	# 61
39) Benzo(g,h,i)perylene	25.90	276	1880	0.114	ng	# 84

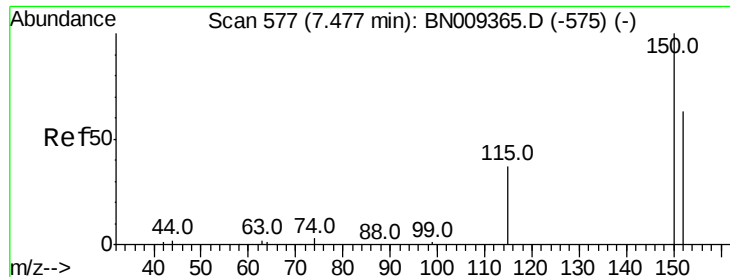
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 13 16:24:14 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.48 min Scan# 578

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

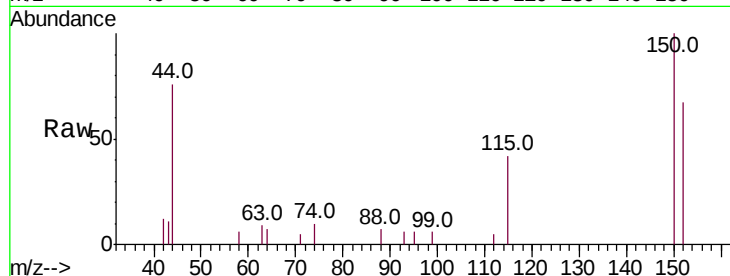
Tot Ion:152 Resp: 1295

Ion Ratio Lower Upper

152 100

150 148.6 125.7 188.5

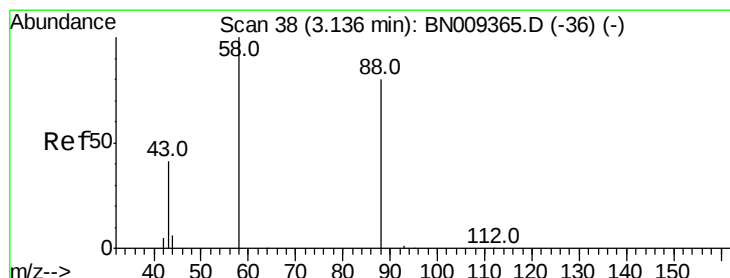
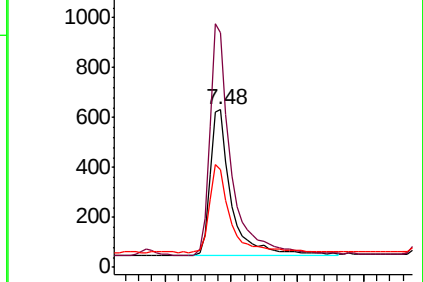
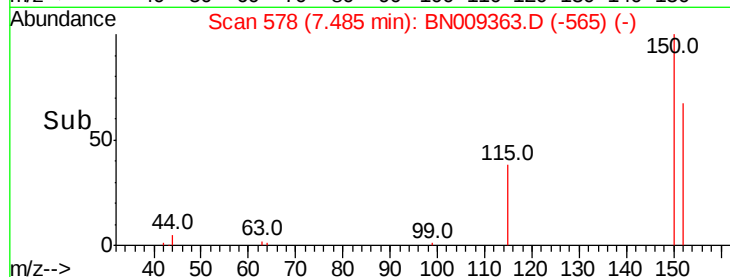
115 61.9 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.096 ng

RT: 3.14 min Scan# 39

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

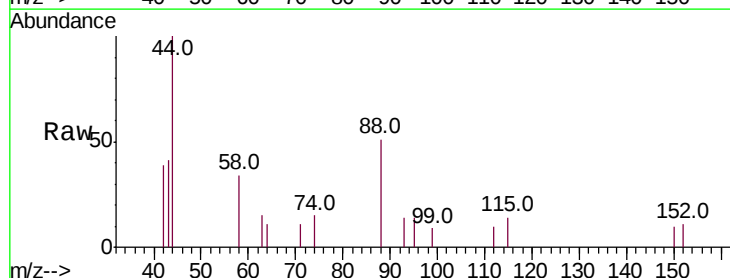
Tgt Ion: 88 Resp: 117

Ion Ratio Lower Upper

88 100

58 143.6 100.2 150.2

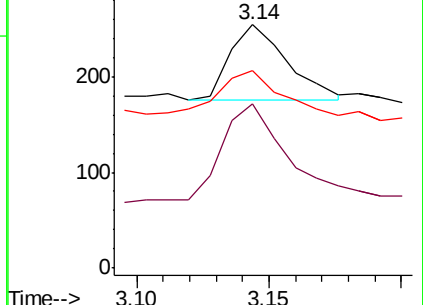
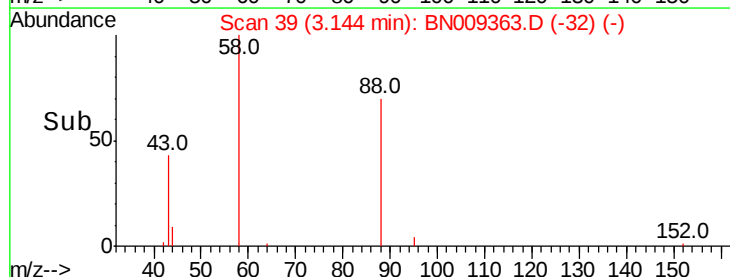
43 64.1 43.1 64.7

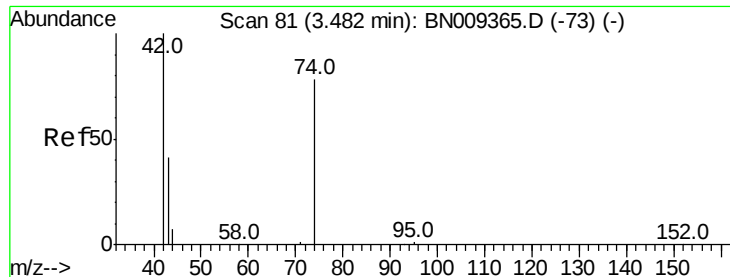


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



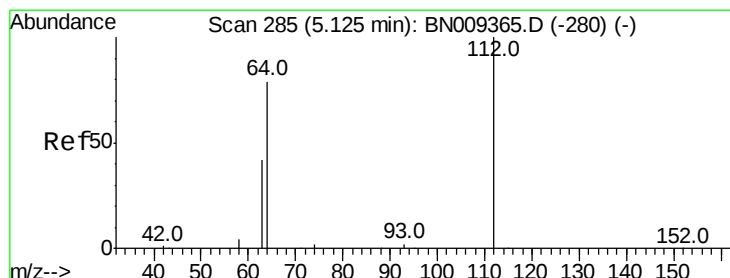
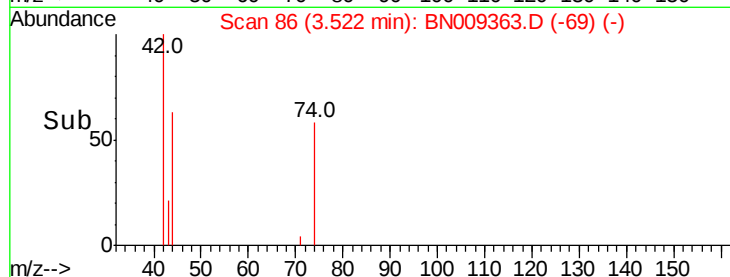
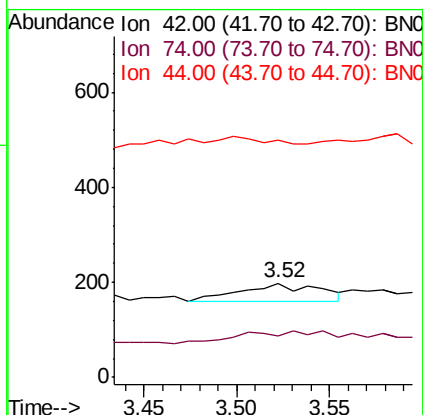
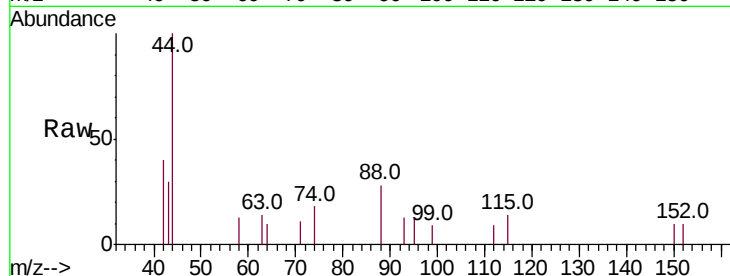


#3

n-Nitrosodimethylamine
 Concen: 0.064 ng
 RT: 3.52 min Scan# 86
 Delta R.T. 0.04 min
 Lab File: BN009363.D
 Acq: 13 Jan 2020 14:30

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

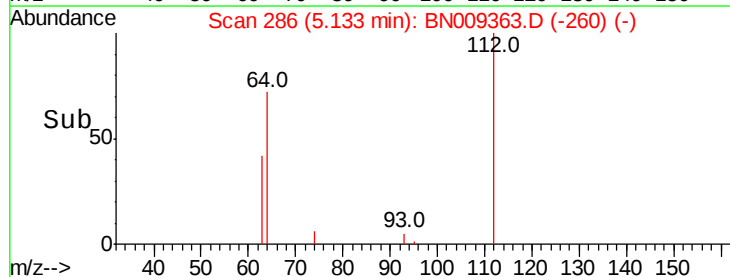
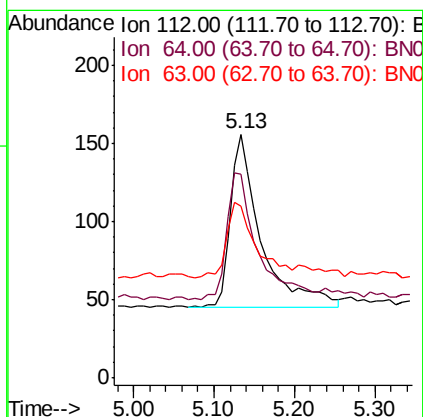
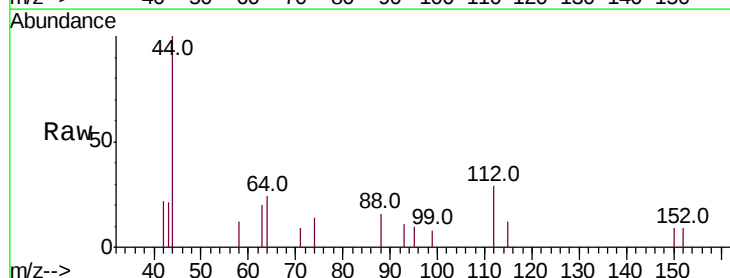
Tot Ion: 42 Resp: 108
 Ion Ratio Lower Upper
 42 100
 74 0.0 55.8 83.8#
 44 0.0 11.1 16.7#

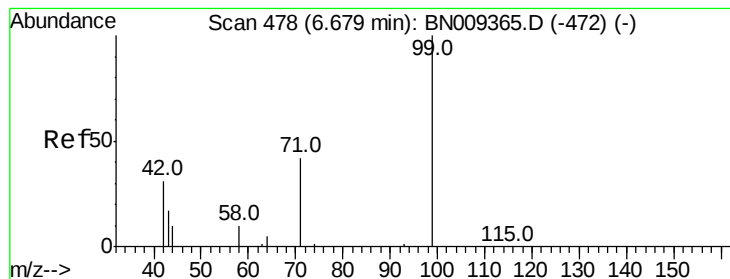


#4

2-Fluorophenol
 Concen: 0.090 ng
 RT: 5.13 min Scan# 286
 Delta R.T. 0.01 min
 Lab File: BN009363.D
 Acq: 13 Jan 2020 14:30

Tgt Ion: 112 Resp: 296
 Ion Ratio Lower Upper
 112 100
 64 73.6 61.5 92.3
 63 41.2 35.0 52.4





#5

Phenol-d6

Concen: 0.066 ng

RT: 6.70 min Scan# 481

Delta R.T. 0.02 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

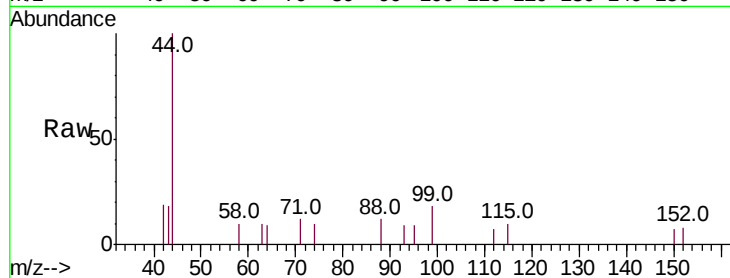
Tot Ion: 99 Resp: 301

Ion Ratio Lower Upper

99 100

42 31.6 27.6 41.4

71 35.9 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009363.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN009363.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN009363.D (-472) (-)

6.70

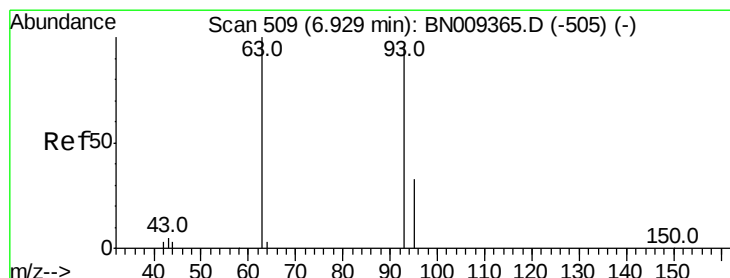
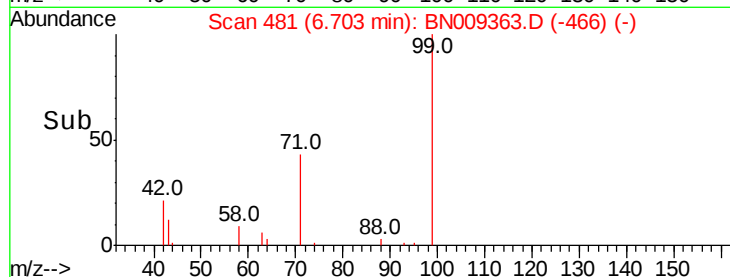
100

50

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.088 ng

RT: 6.95 min Scan# 511

Delta R.T. 0.02 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

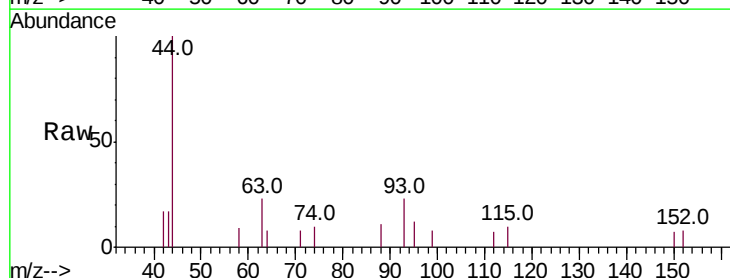
Tgt Ion: 93 Resp: 376

Ion Ratio Lower Upper

93 100

63 75.5 85.1 127.7#

95 19.7 30.2 45.4#



Abundance Ion 93.00 (92.70 to 93.70): BN009363.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN009363.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN009363.D (-505) (-)

6.95

150

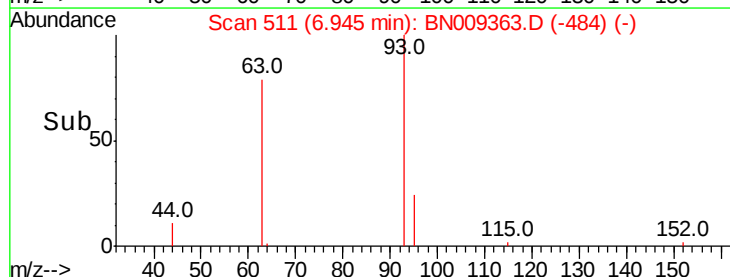
100

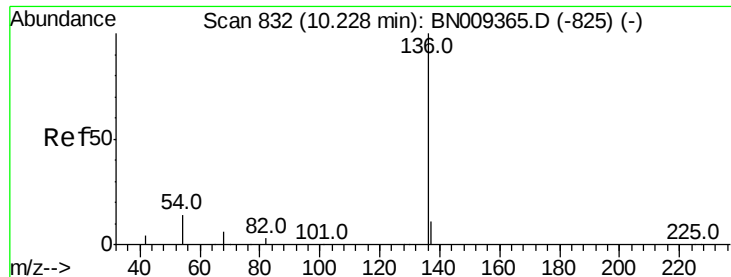
50

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 833

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 4426

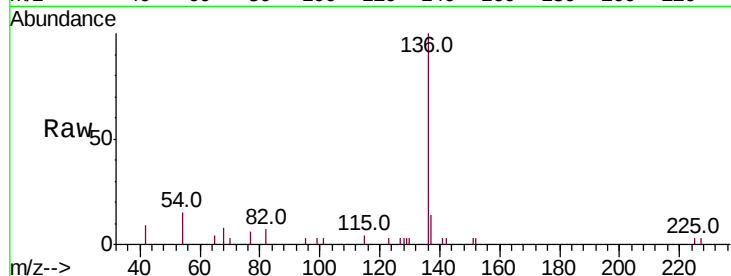
Ion Ratio Lower Upper

136 100

137 13.7 10.3 15.5

54 15.3 12.6 19.0

68 8.2 6.5 9.7

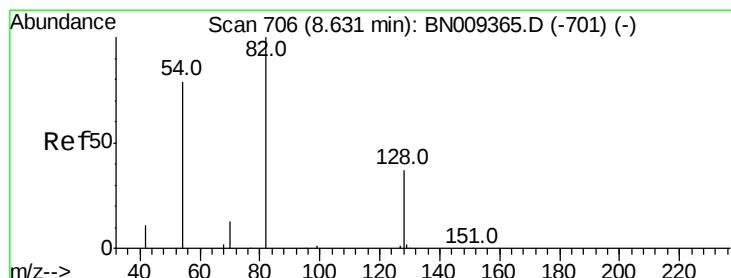
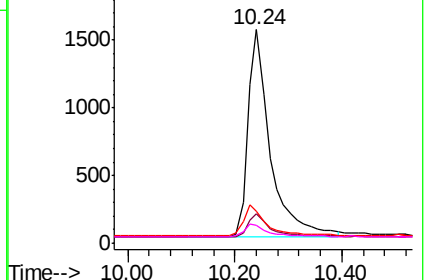
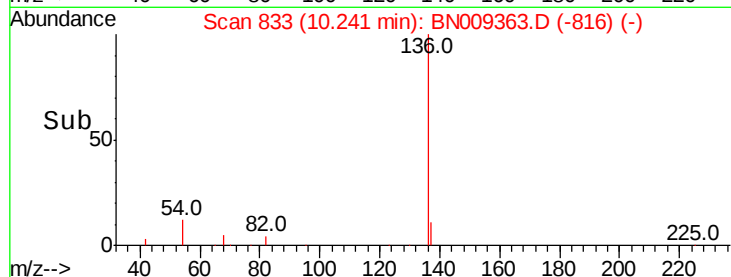


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.076 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

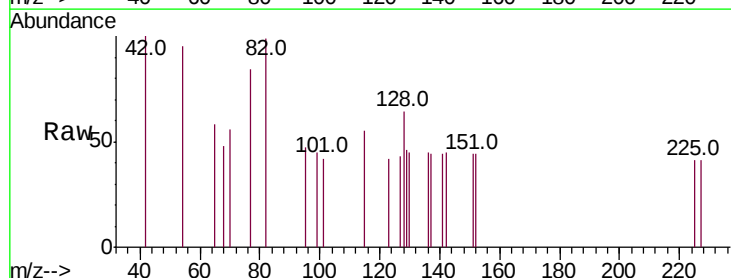
Tgt Ion: 82 Resp: 287

Ion Ratio Lower Upper

82 100

128 64.2 34.8 52.2#

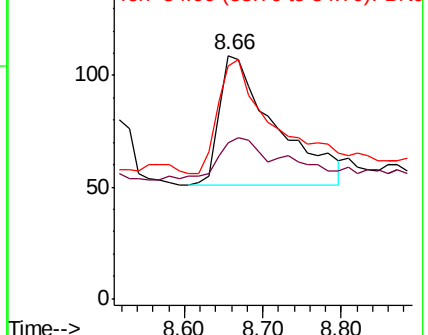
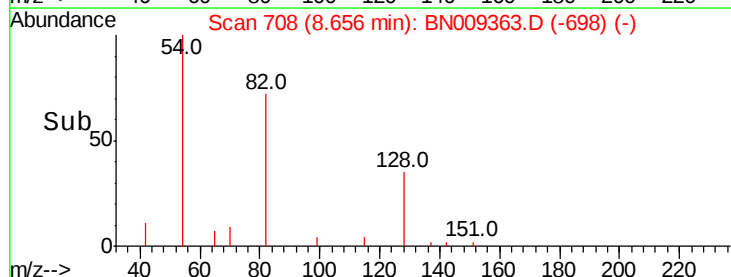
54 95.4 65.8 98.6

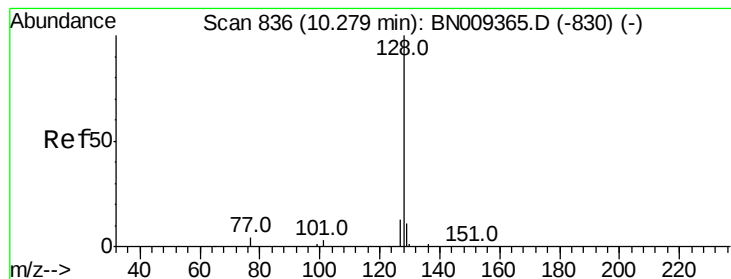


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.096 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

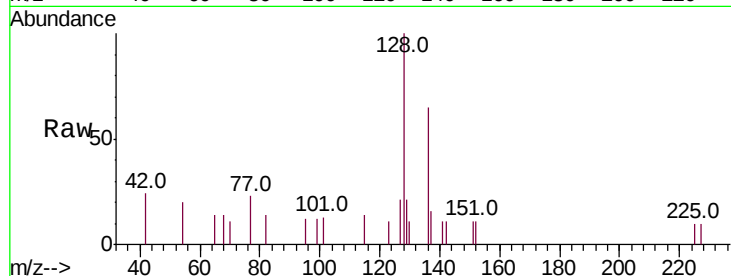
Tot Ion:128 Resp: 1160

Ion Ratio Lower Upper

128 100

129 21.3 10.4 15.6#

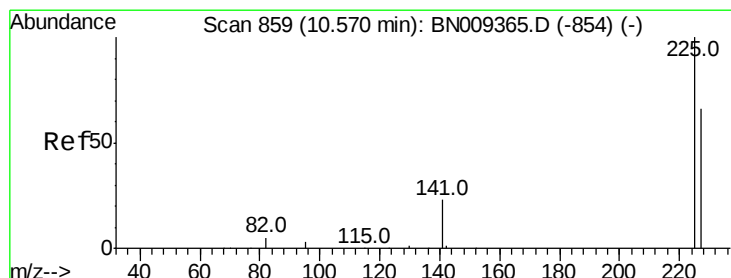
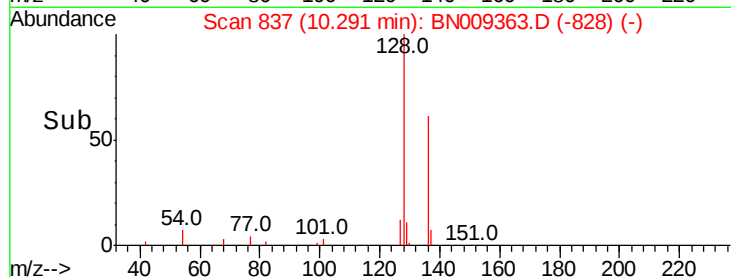
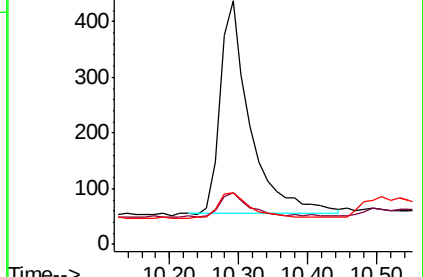
127 21.3 11.4 17.2#



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: 0.120 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

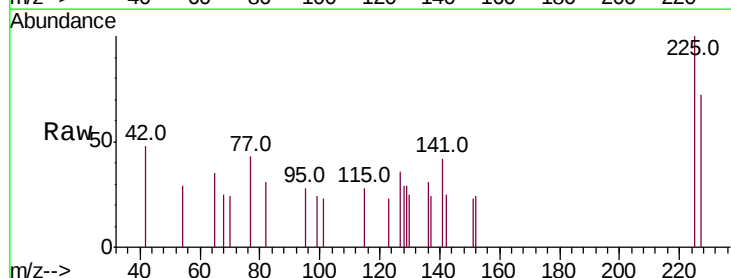
Tgt Ion:225 Resp: 278

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

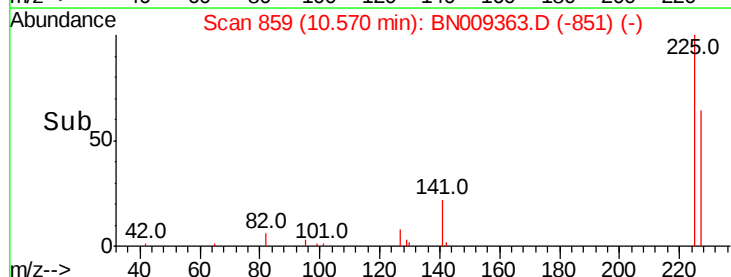
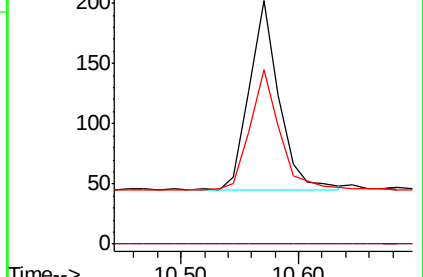
227 63.3 52.6 78.8

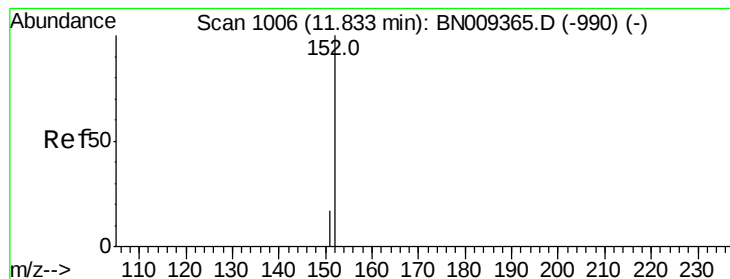


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.105 ng

RT: 11.86 min Scan# 1012

Delta R.T. 0.03 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

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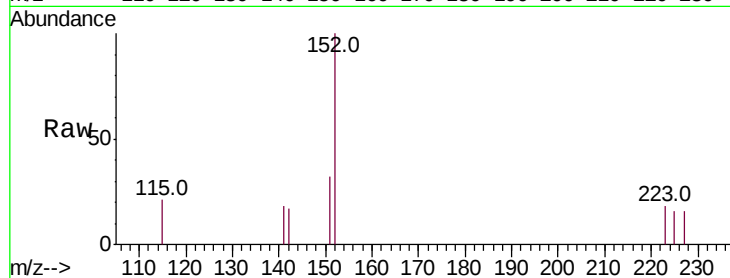
SSTDICC0.1

Tot Ion:152 Resp: 795

Ion Ratio Lower Upper

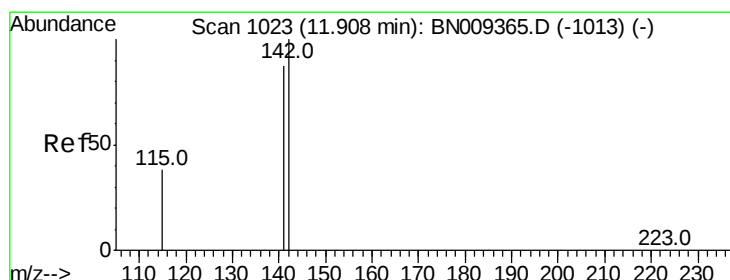
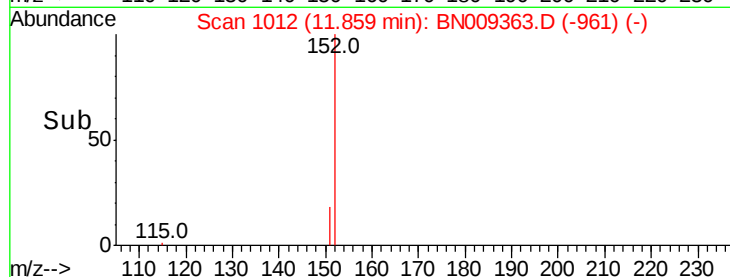
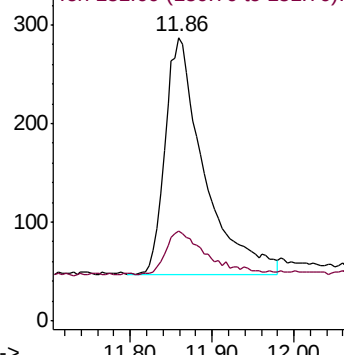
152 100

151 18.0 14.8 22.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.090 ng

RT: 11.93 min Scan# 1029

Delta R.T. 0.03 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

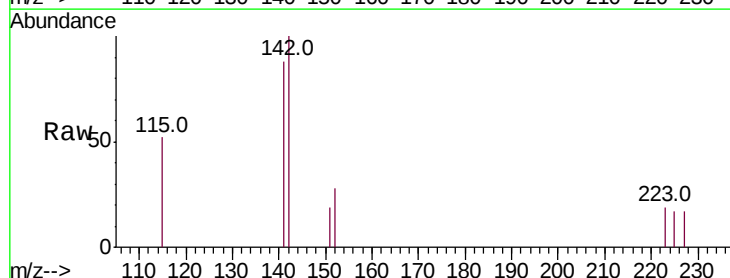
Tgt Ion:142 Resp: 806

Ion Ratio Lower Upper

142 100

141 87.8 69.8 104.6

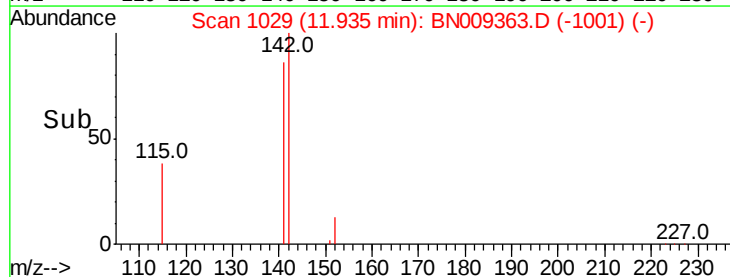
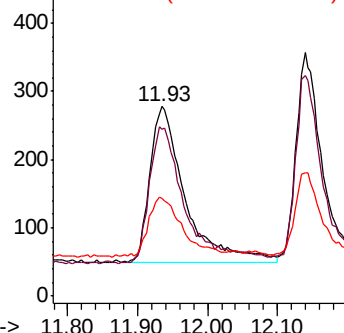
115 51.8 32.5 48.7#

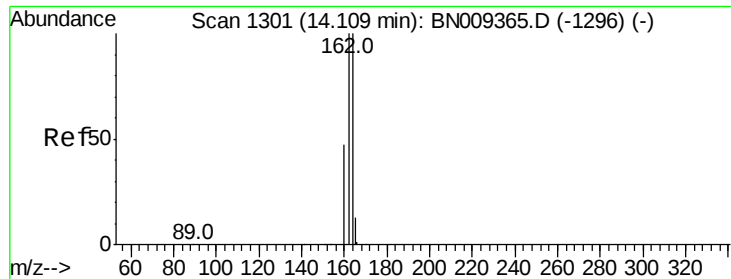


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

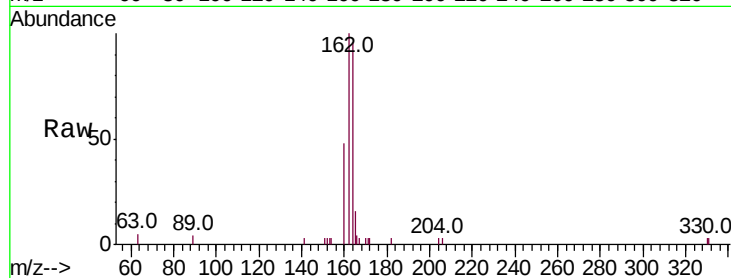
Tot Ion:164 Resp: 2847

Ion Ratio Lower Upper

164 100

162 104.7 79.8 119.6

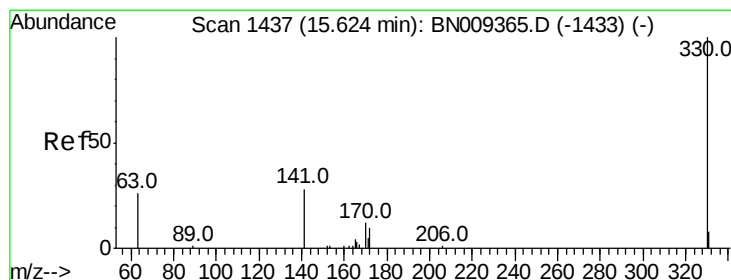
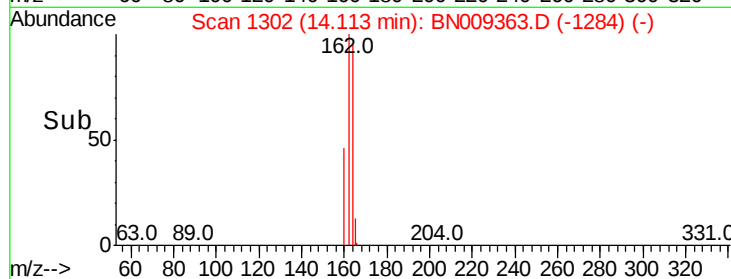
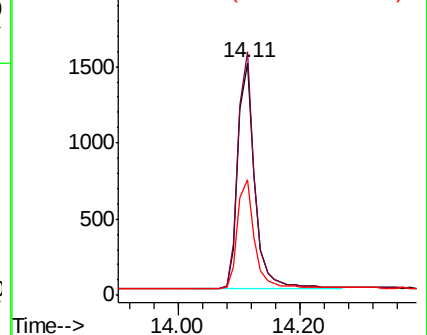
160 49.8 38.4 57.6



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: 0.070 ng

RT: 15.64 min Scan# 1439

Delta R.T. 0.02 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

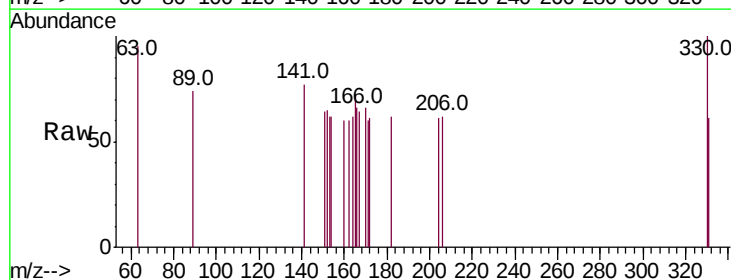
Tgt Ion:330 Resp: 96

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

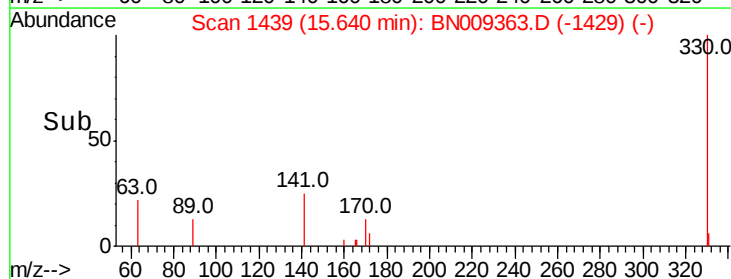
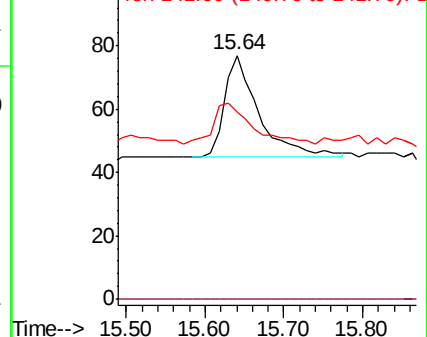
141 45.8 33.1 49.7

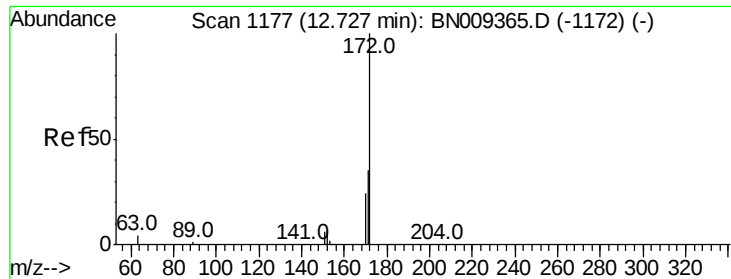


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

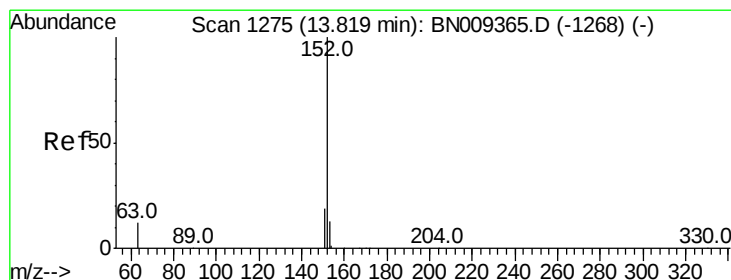
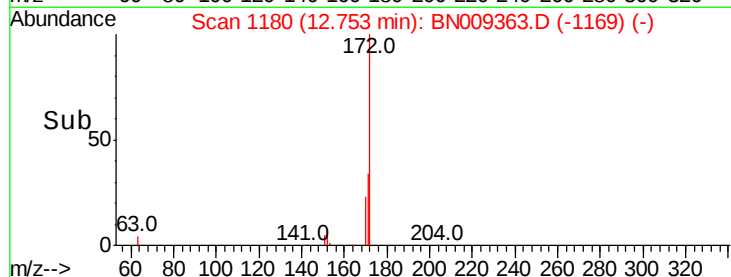
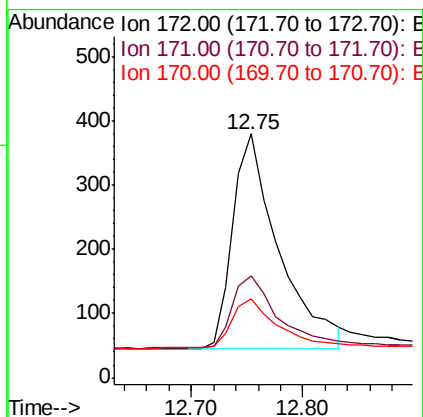
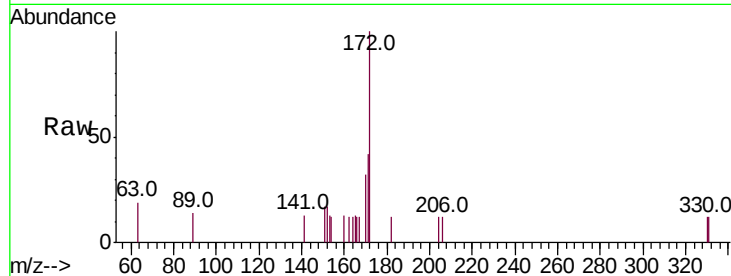




#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 12.75 min Scan# 1180
Delta R.T. 0.03 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

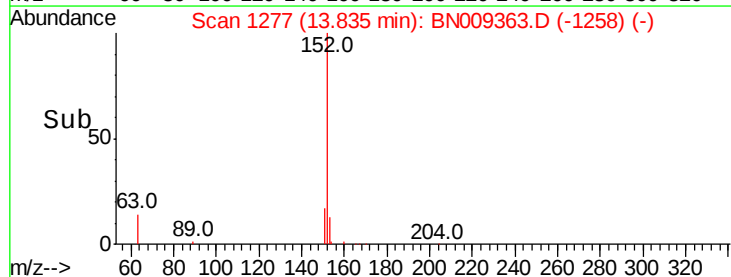
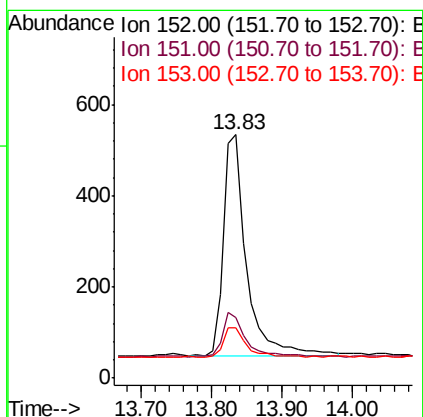
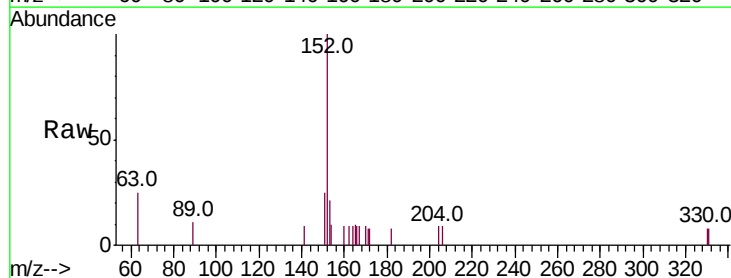
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

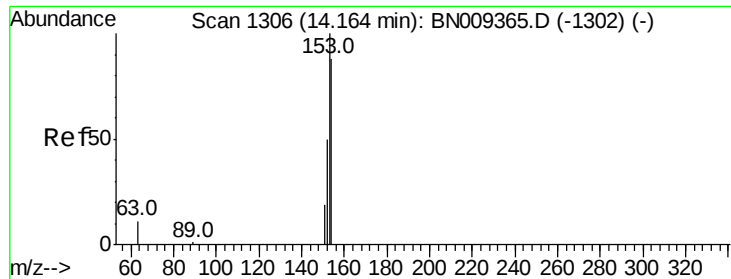
Tot Ion:172 Resp: 957
Ion Ratio Lower Upper
172 100
171 41.6 29.5 44.3
170 32.1 20.7 31.1#



#16
Acenaphthylene
Concen: 0.085 ng
RT: 13.83 min Scan# 1277
Delta R.T. 0.02 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:152 Resp: 1107
Ion Ratio Lower Upper
152 100
151 20.0 15.4 23.2
153 13.3 10.4 15.6





#17

Acenaphthene

Concen: 0.098 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

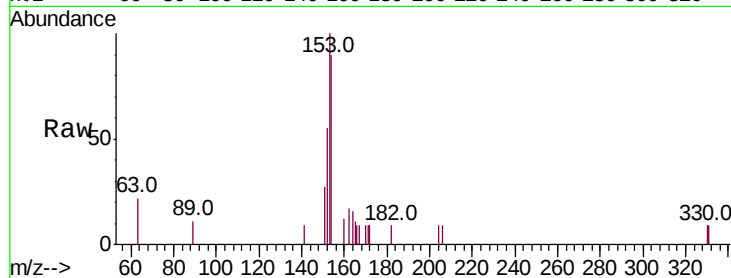
Tot Ion:154 Resp: 846

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

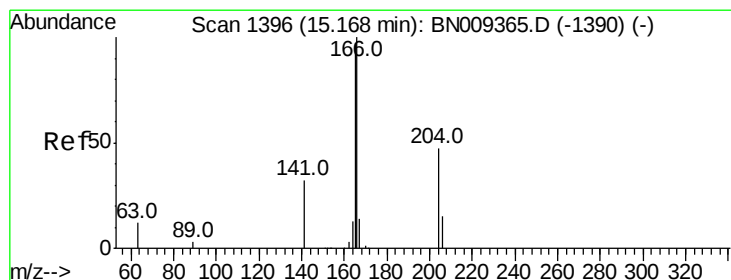
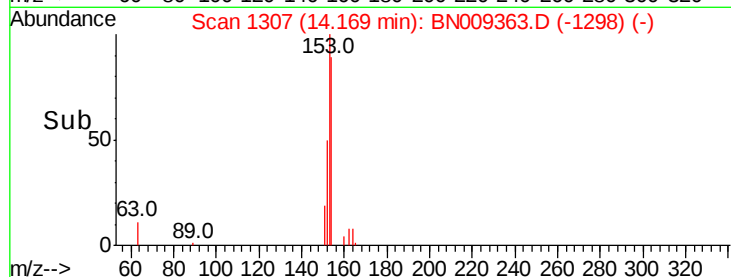
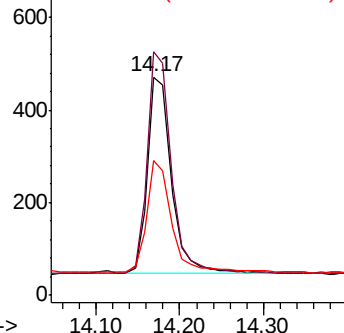
152 57.9 45.3 67.9



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: 0.096 ng

RT: 15.18 min Scan# 1398

Delta R.T. 0.02 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

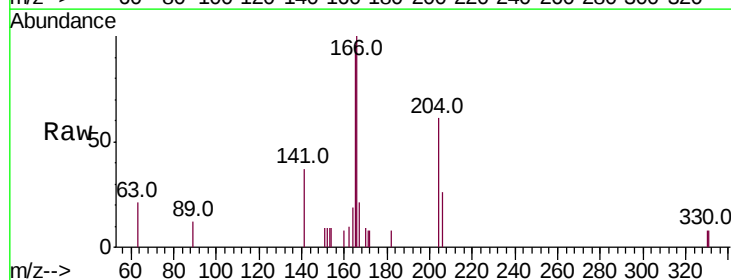
Tgt Ion:166 Resp: 1113

Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.2

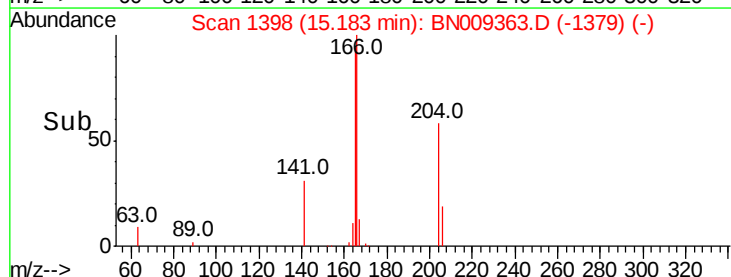
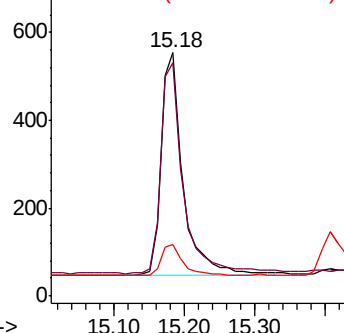
167 13.4 11.0 16.6

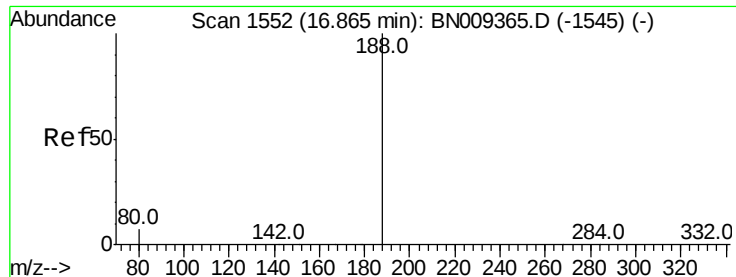


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.87 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

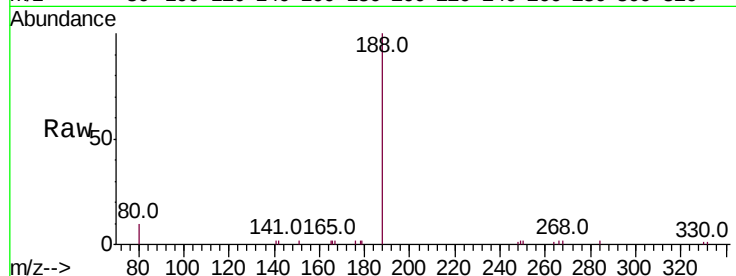
Tot Ion:188 Resp: 6392

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

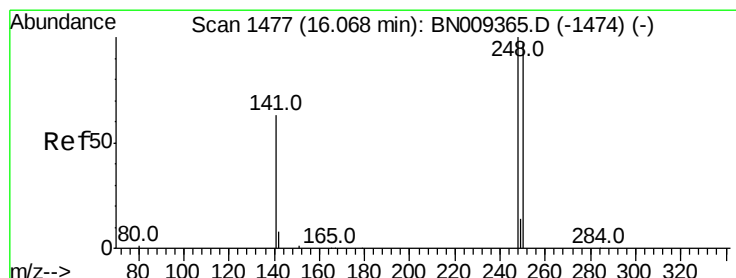
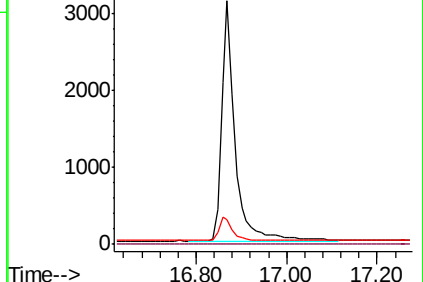
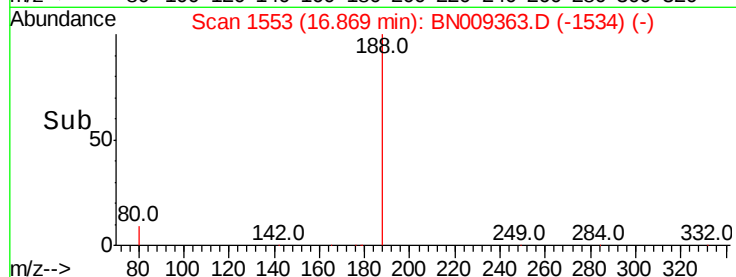
80 10.3 6.6 10.0#



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: 0.093 ng

RT: 16.07 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

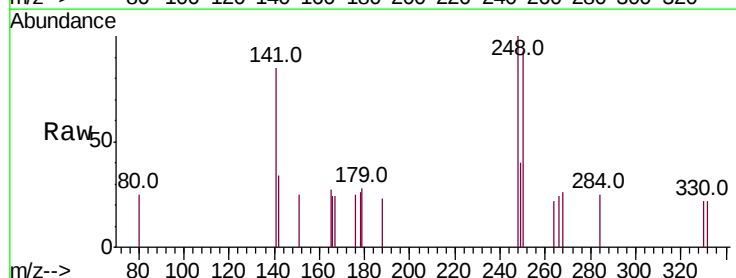
Tgt Ion:248 Resp: 355

Ion Ratio Lower Upper

248 100

250 93.1 77.8 116.8

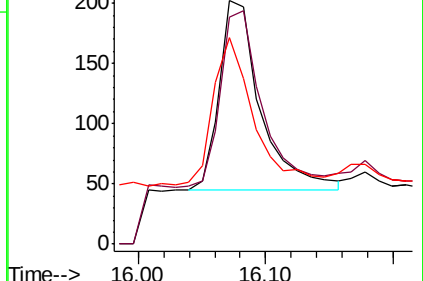
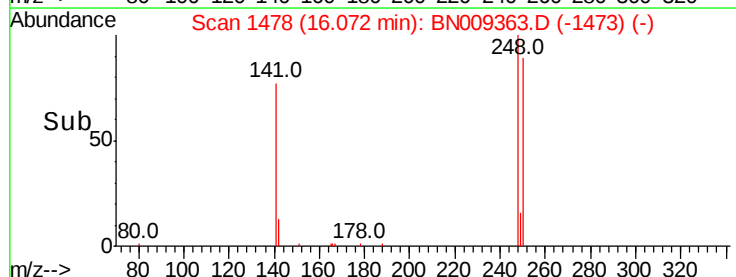
141 84.7 53.4 80.0#

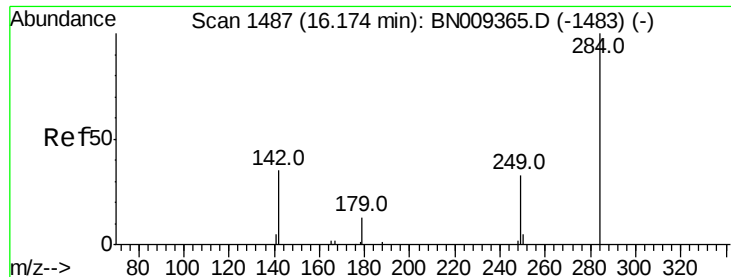


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.095 ng

RT: 16.18 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

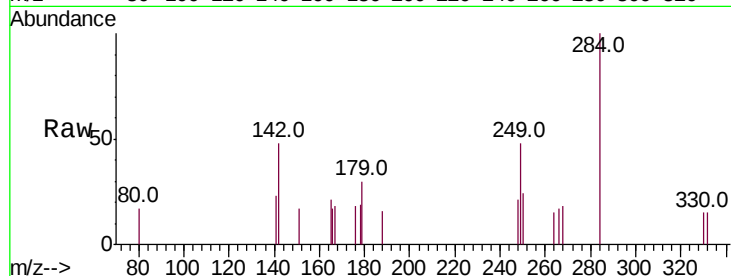
Tot Ion:284 Resp: 415

Ion Ratio Lower Upper

284 100

142 42.7 33.8 50.8

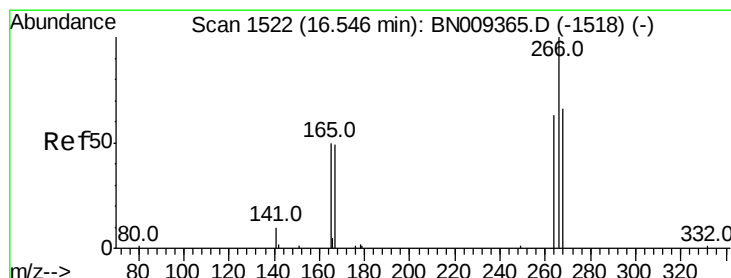
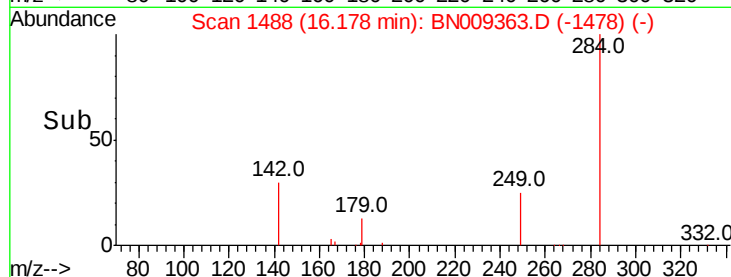
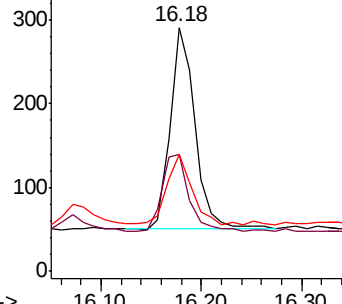
249 34.5 27.0 40.4



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: 0.052 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.05 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

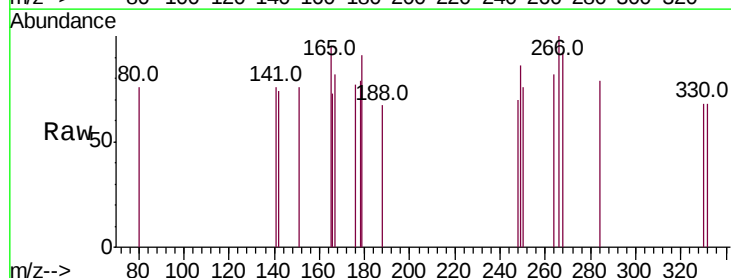
Tgt Ion:266 Resp: 81

Ion Ratio Lower Upper

266 100

264 81.8 57.8 86.6

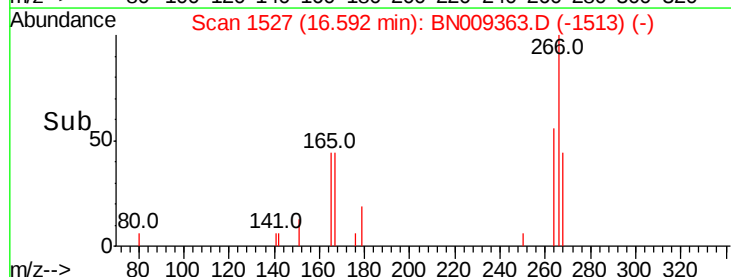
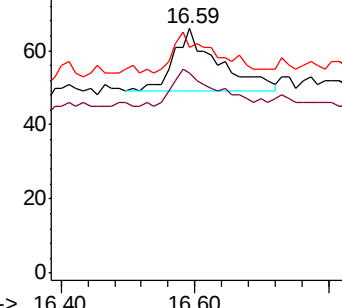
268 92.4 63.8 95.6

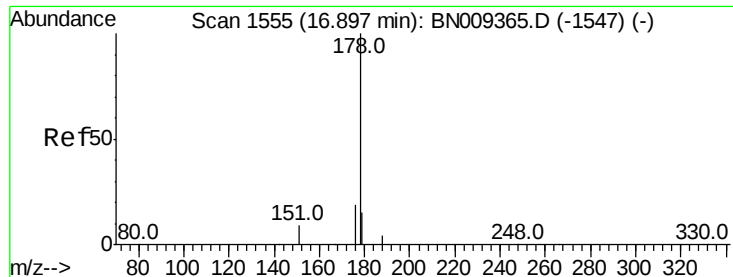


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.091 ng

RT: 16.91 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

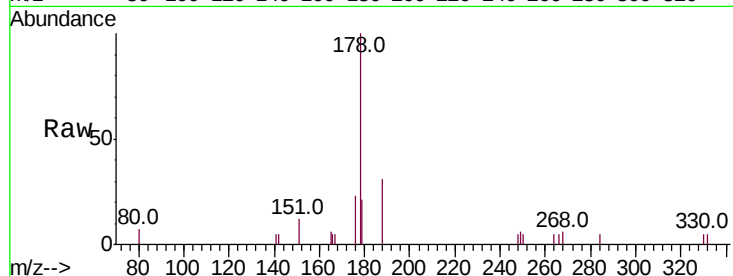
Tot Ion:178 Resp: 1824

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

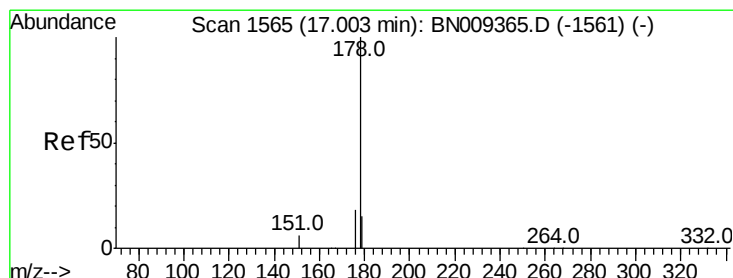
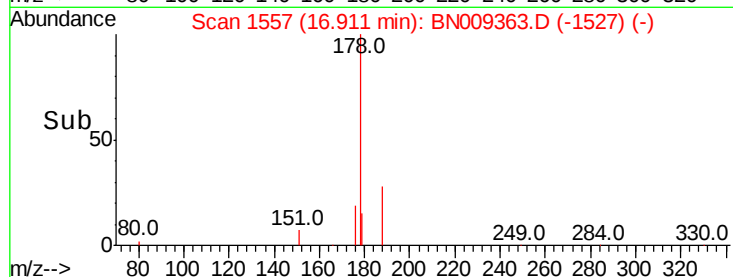
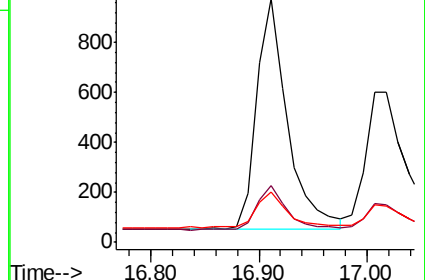
179 16.7 12.3 18.5



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: 0.078 ng

RT: 17.02 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

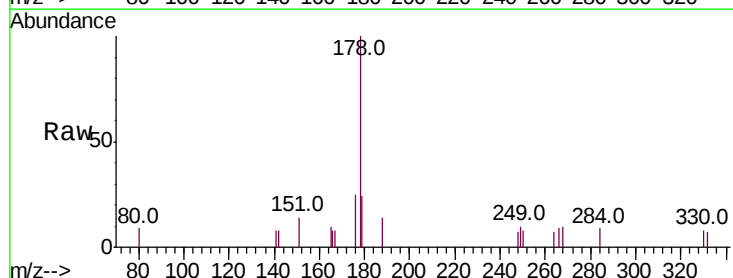
Tgt Ion:178 Resp: 1380

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

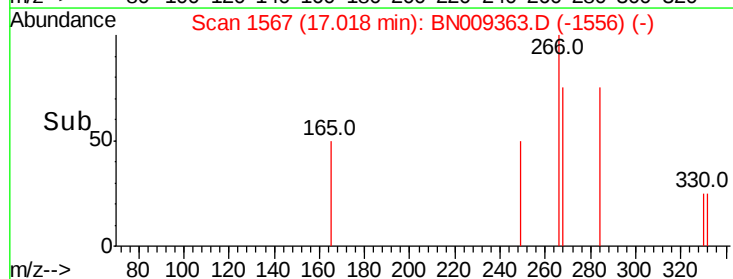
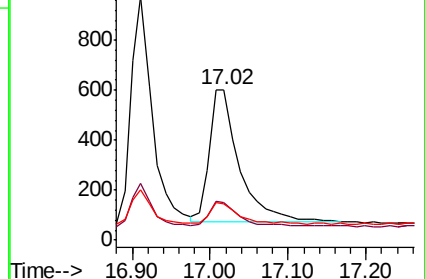
179 15.6 12.5 18.7

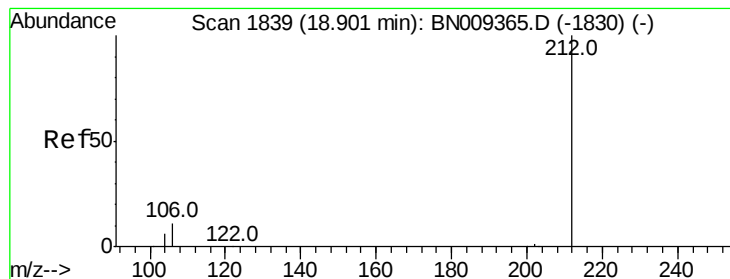


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.108 ng

RT: 18.90 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

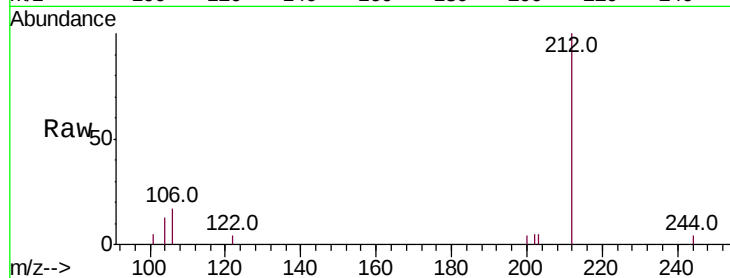
Tot Ion:212 Resp: 2091

Ion Ratio Lower Upper

212 100

106 11.7 9.2 13.8

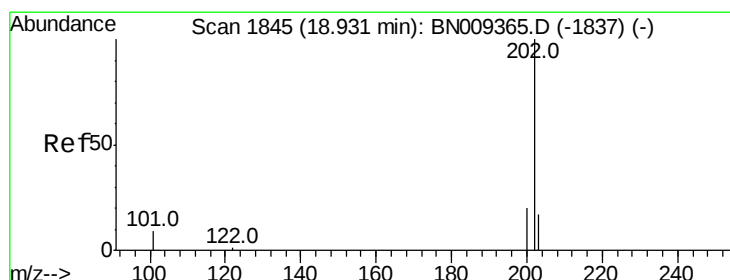
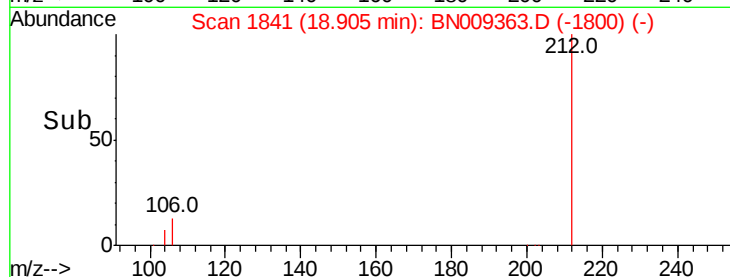
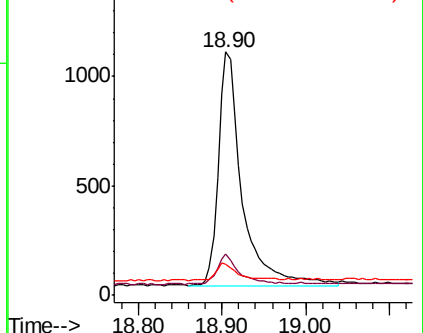
104 6.6 5.4 8.0



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: 0.088 ng

RT: 18.94 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

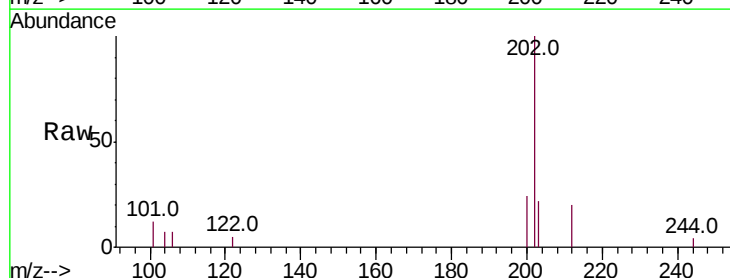
Tgt Ion:202 Resp: 2115

Ion Ratio Lower Upper

202 100

101 8.9 8.0 12.0

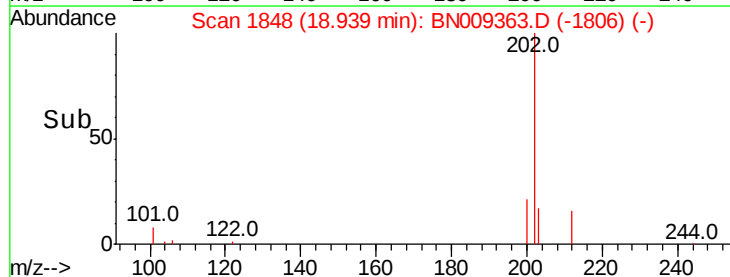
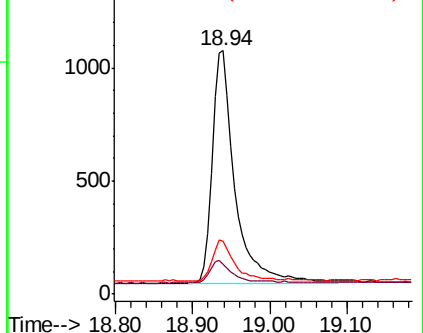
203 16.9 13.5 20.3

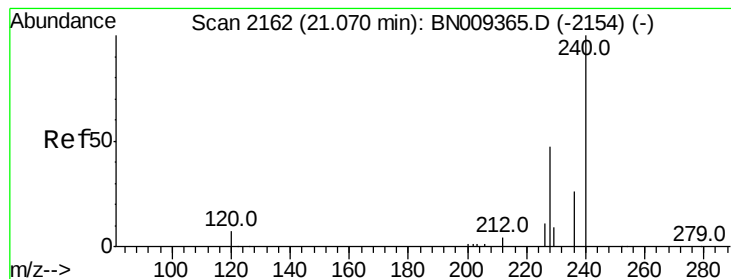


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

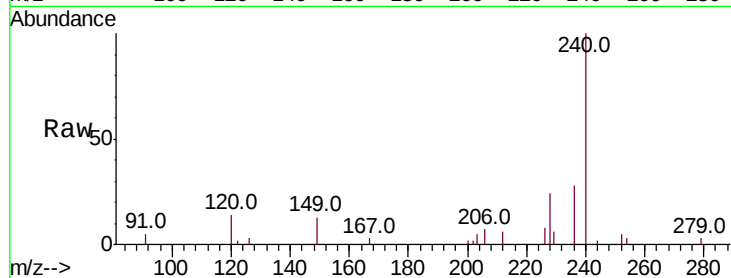
Tot Ion:240 Resp: 5575

Ion Ratio Lower Upper

240 100

120 14.0 8.1 12.1#

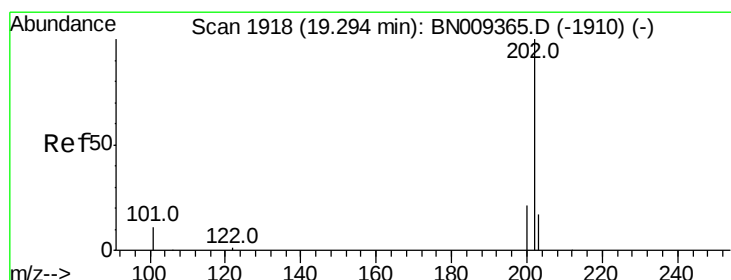
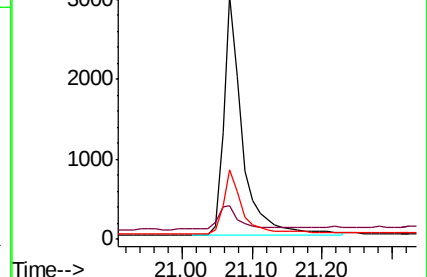
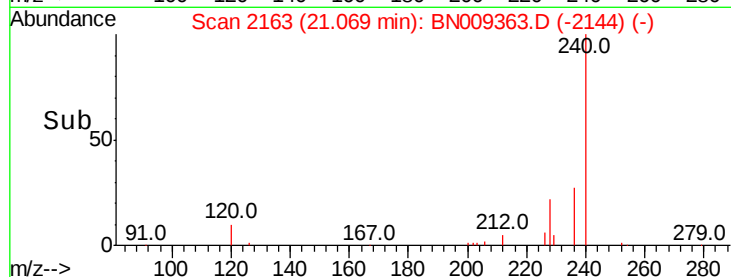
236 28.4 22.2 33.4



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: 19.30 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

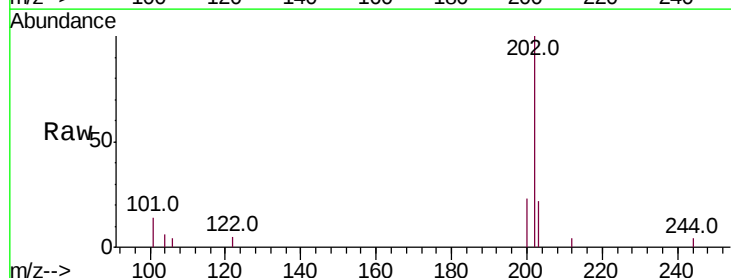
Tgt Ion:202 Resp: 2202

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

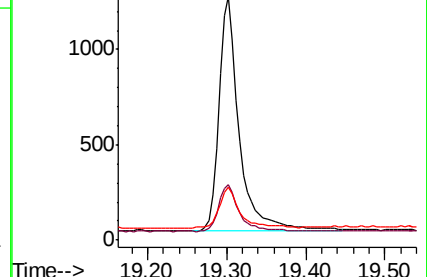
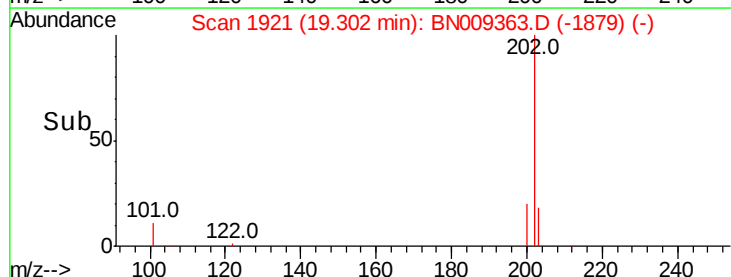
203 18.0 14.1 21.1

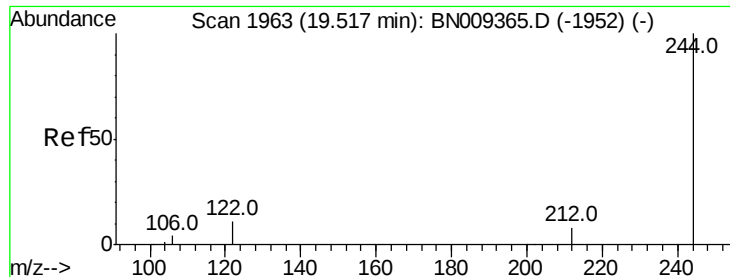


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.103 ng

RT: 19.52 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

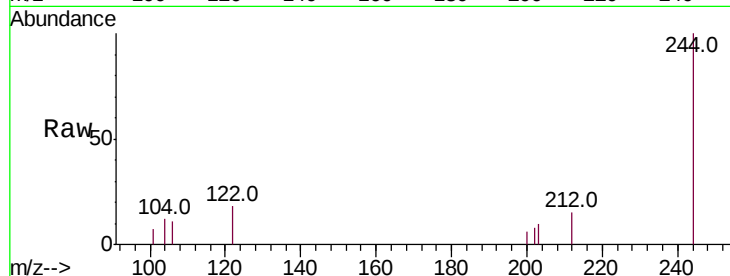
Tot Ion:244 Resp: 1311

Ion Ratio Lower Upper

244 100

212 14.7 7.5 11.3#

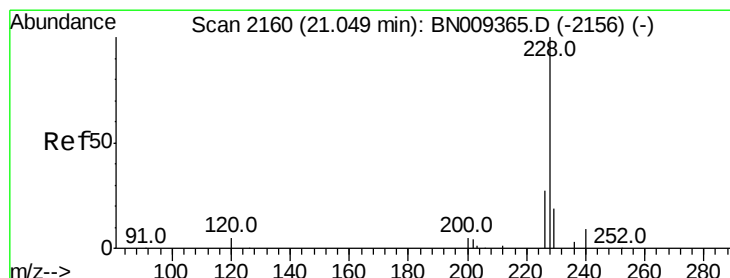
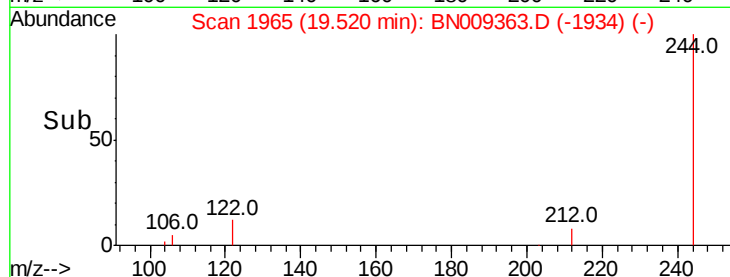
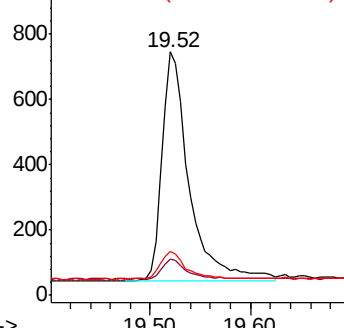
122 18.0 9.8 14.6#



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: 0.081 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

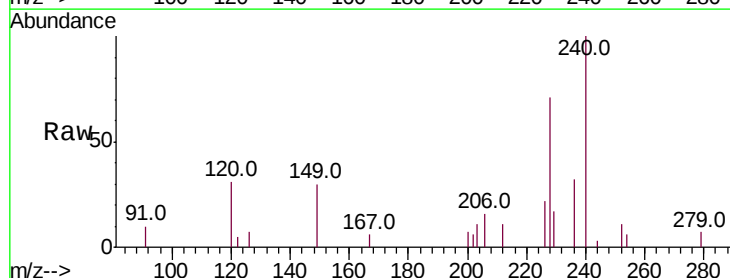
Tgt Ion:228 Resp: 1594

Ion Ratio Lower Upper

228 100

226 31.3 22.5 33.7

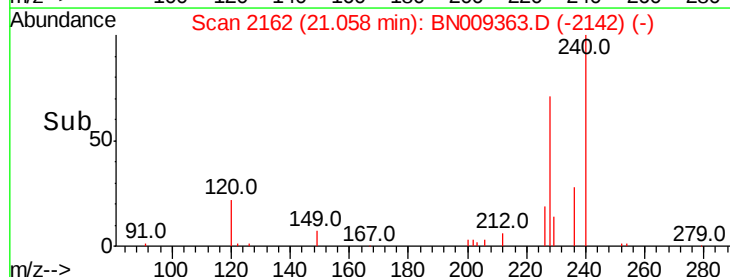
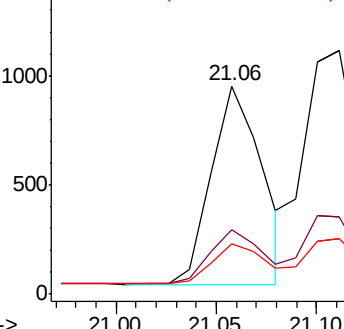
229 24.1 16.1 24.1

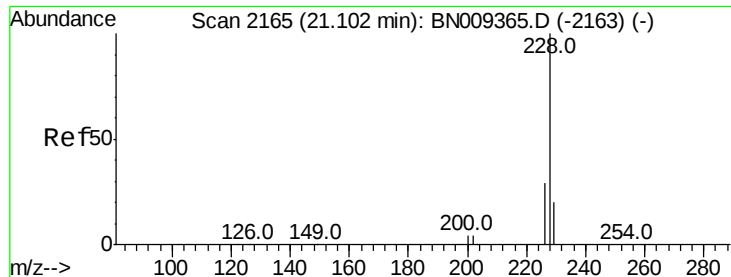


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.109 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

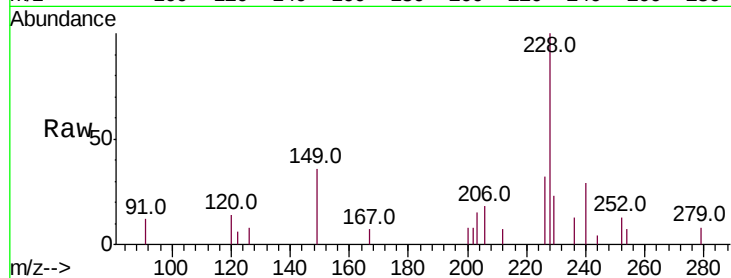
Tot Ion:228 Resp: 2226

Ion Ratio Lower Upper

228 100

226 32.0 23.8 35.8

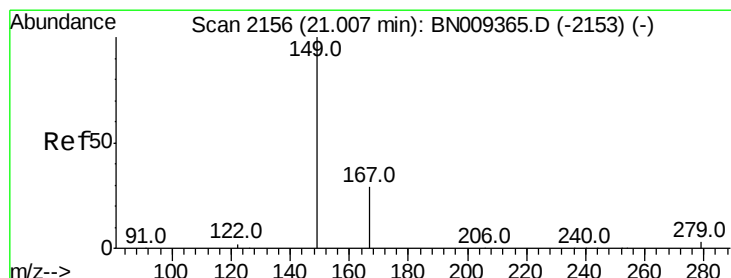
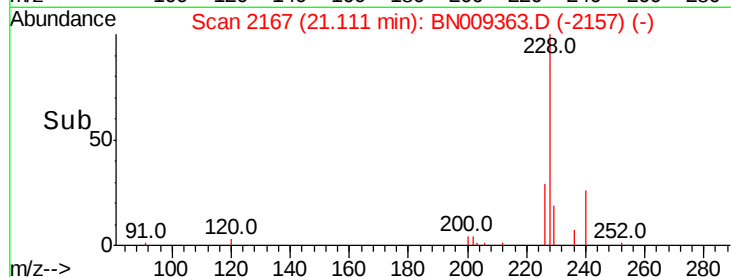
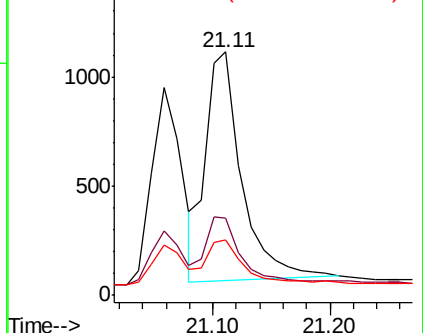
229 22.9 16.6 24.8



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: 0.092 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

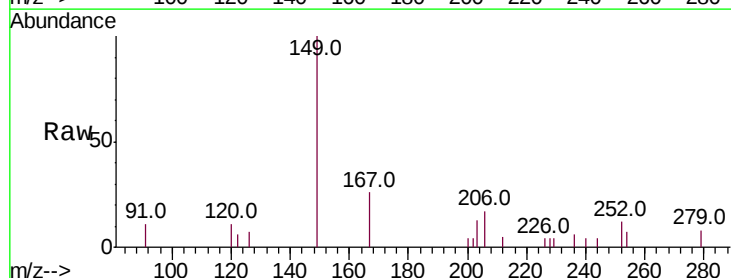
Tgt Ion:149 Resp: 849

Ion Ratio Lower Upper

149 100

167 27.3 22.9 34.3

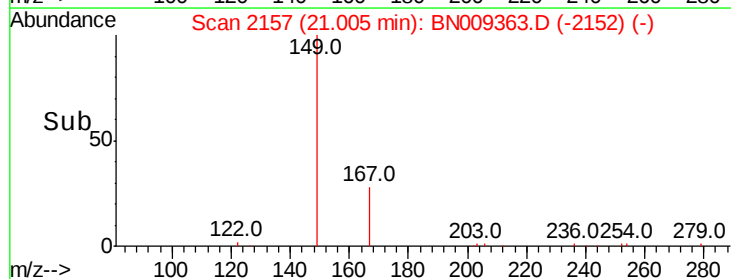
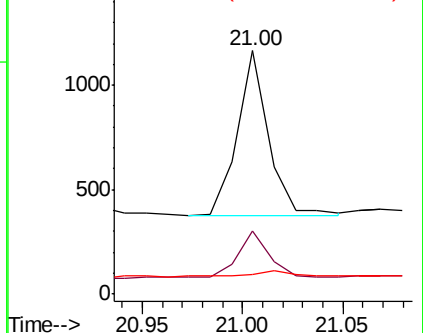
279 3.5 3.4 5.0

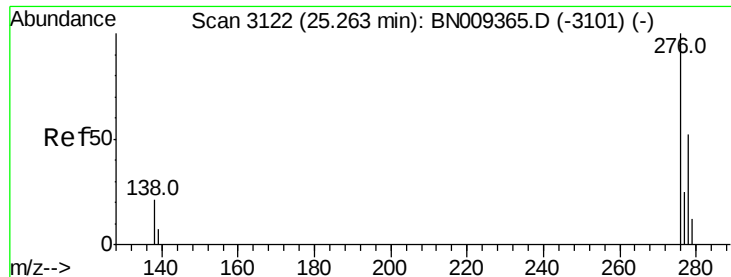


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.094 ng

RT: 25.28 min Scan# 3128

Delta R.T. 0.02 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

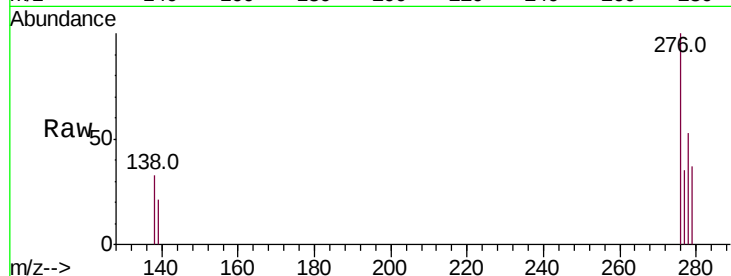
Tot Ion:276 Resp: 2031

Ion Ratio Lower Upper

276 100

138 20.0 15.9 23.9

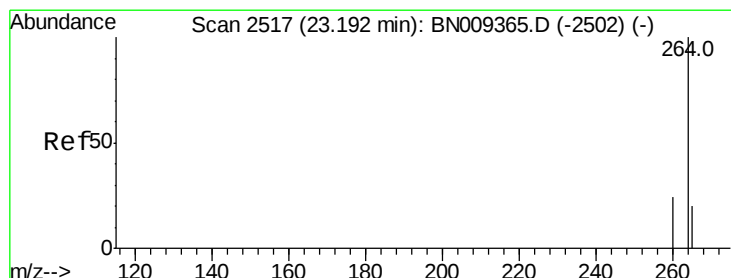
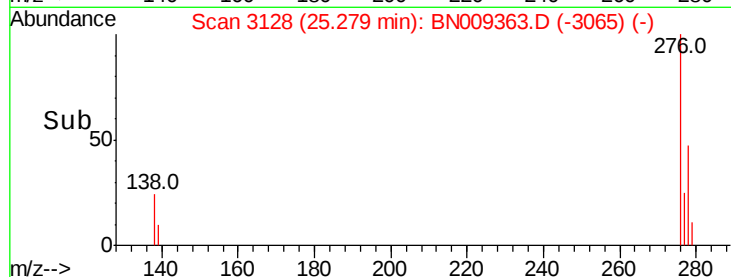
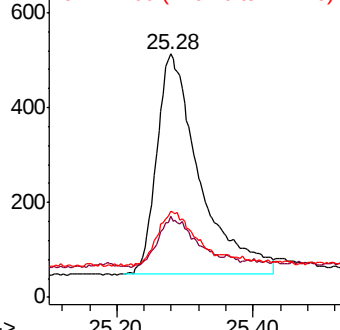
277 21.5 19.8 29.6



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: 23.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

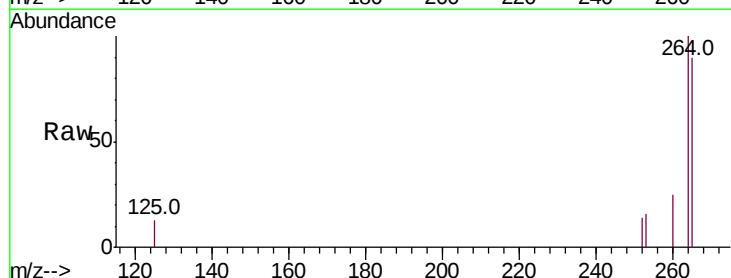
Tgt Ion:264 Resp: 5561

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

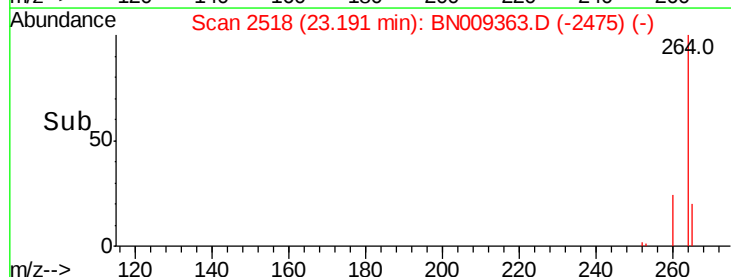
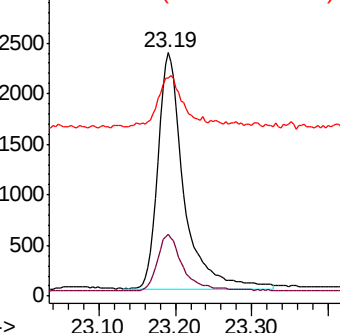
265 89.5 68.2 102.4

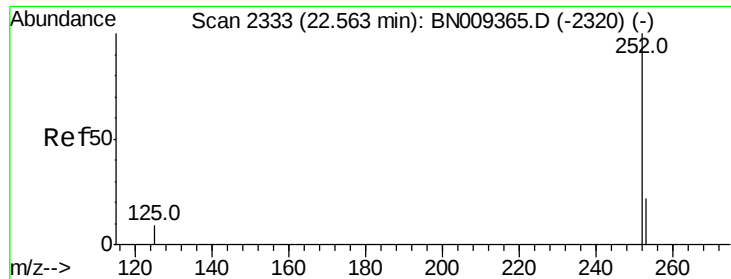


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

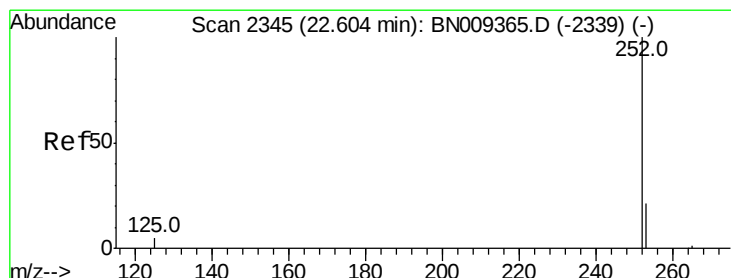
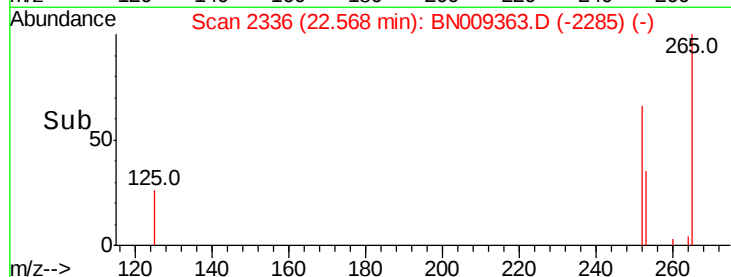
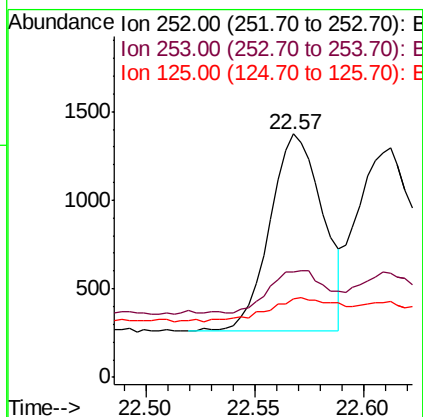
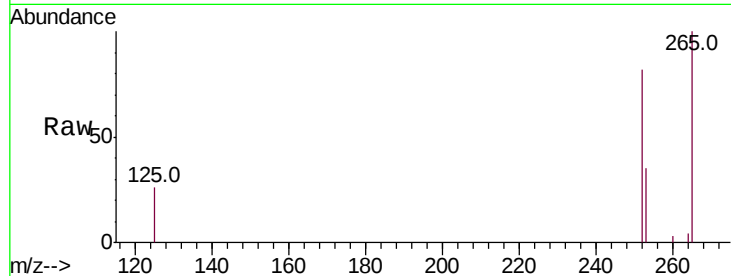




#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 22.57 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

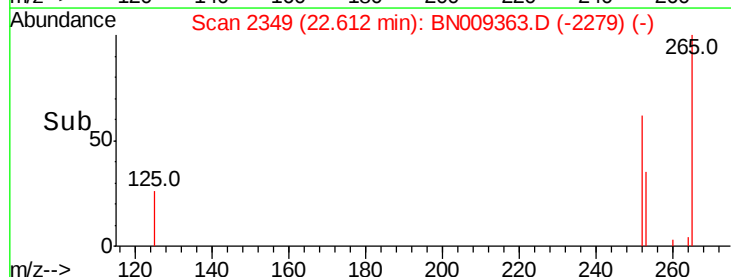
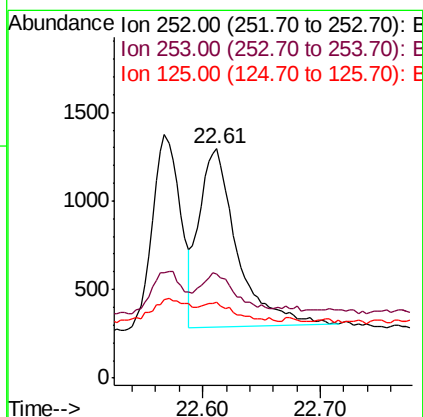
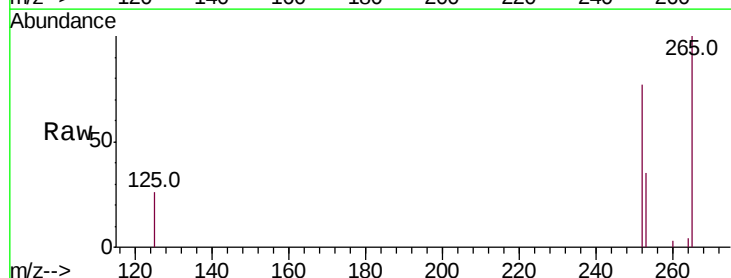
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

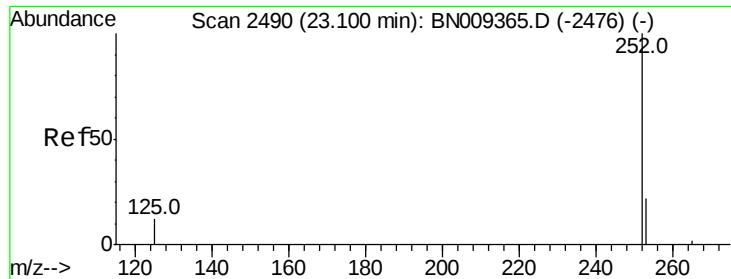
Tot Ion:252 Resp: 1860
Ion Ratio Lower Upper
252 100
253 43.2 22.4 33.6#
125 32.2 11.6 17.4#



#36
Benzo(k)fluoranthene
Concen: 0.113 ng
RT: 22.61 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BN009363.D
Acq: 13 Jan 2020 14:30

Tgt Ion:252 Resp: 2257
Ion Ratio Lower Upper
252 100
253 45.2 21.9 32.9#
125 33.2 12.0 18.0#





#37

Benzo(a)pyrene

Concen: 0.091 ng

RT: 23.11 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

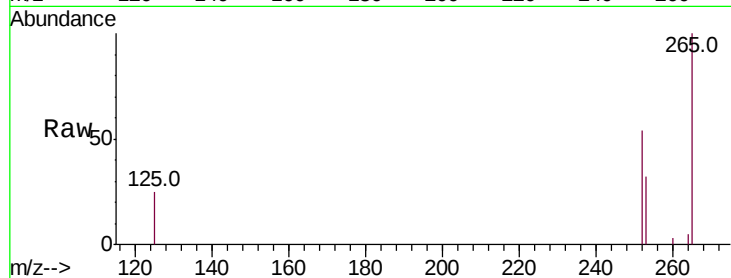
Tot Ion:252 Resp: 1623

Ion Ratio Lower Upper

252 100

253 59.6 25.4 38.0#

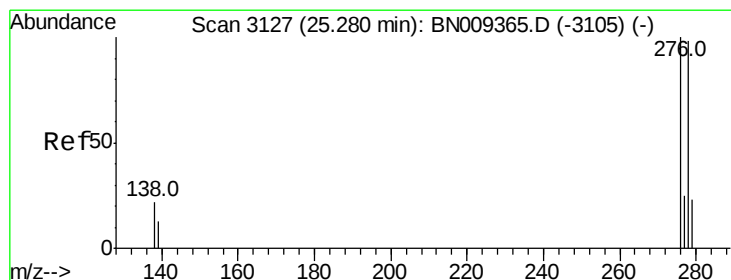
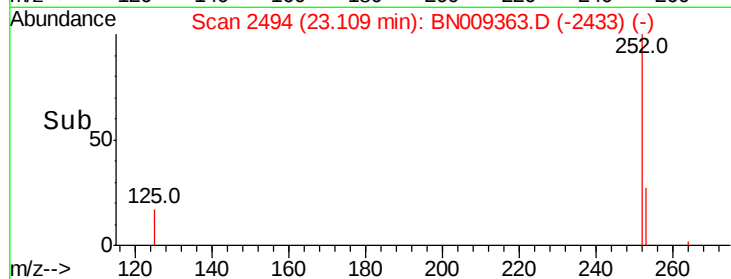
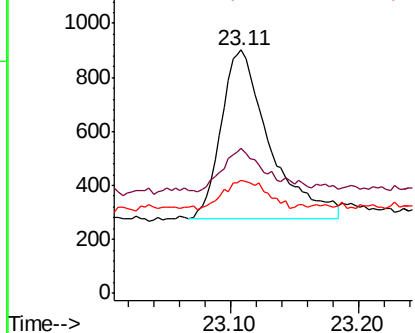
125 46.2 16.2 24.2#



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: 0.094 ng

RT: 25.30 min Scan# 3134

Delta R.T. 0.02 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

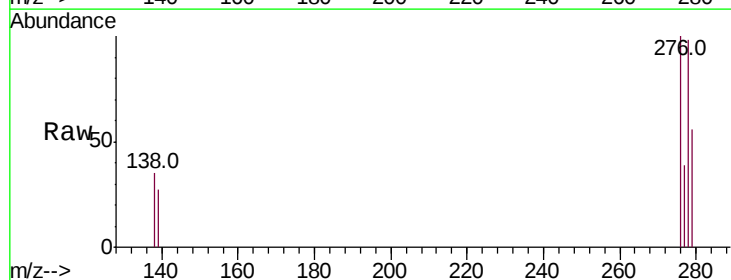
Tgt Ion:278 Resp: 1569

Ion Ratio Lower Upper

278 100

139 27.6 14.5 21.7#

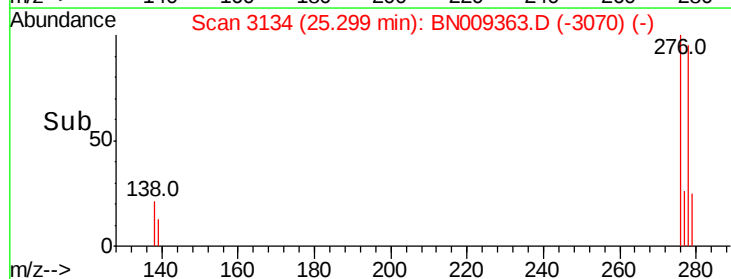
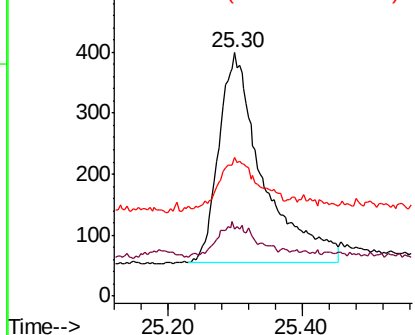
279 57.1 24.2 36.4#

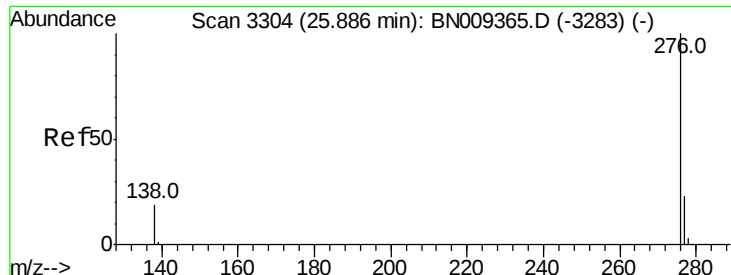


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.114 ng

RT: 25.90 min Scan# 3309

Delta R.T. 0.01 min

Lab File: BN009363.D

Acq: 13 Jan 2020 14:30

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

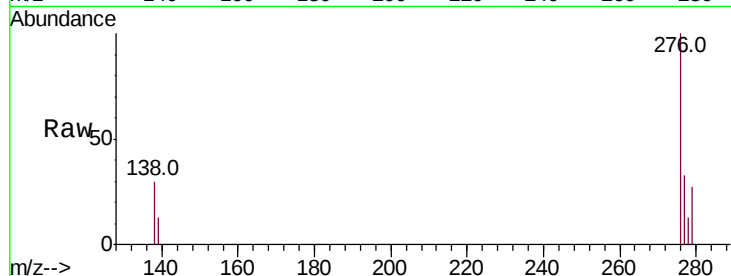
Tot Ion:276 Resp: 1880

Ion Ratio Lower Upper

276 100

277 33.3 20.6 30.8#

138 29.6 17.1 25.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

