

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011511.D
 Acq On : 19 Aug 2020 11:36
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Aug 19 13:27:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 13:20:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	917	0.40	ng	0.00
7) Naphthalene-d8	10.19	136	3028	0.40	ng	0.01
13) Acenaphthene-d10	14.06	164	1994	0.40	ng	0.00
19) Phenanthrene-d10	16.83	188	4518	0.40	ng	0.01
29) Chrysene-d12	21.05	240	4620	0.40	ng	0.00
36) Perylene-d12	23.16	264	3983	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	223	0.09	ng	0.00
5) Phenol-d6	6.66	99	242	0.08	ng	0.00
8) Nitrobenzene-d5	8.62	82	237	0.09	ng	0.03
11) 2-Methylnaphthalene-d10	11.80	152	692	0.13	ng	0.02
14) 2,4,6-Tribromophenol	15.59	330	91	0.10	ng	0.01
15) 2-Fluorobiphenyl	12.69	172	971	0.11	ng	0.01
27) Fluoranthene-d10	18.87	212	1340	0.10	ng	0.00
31) Terphenyl-d14	19.49	244	1104	0.08	ng	0.00

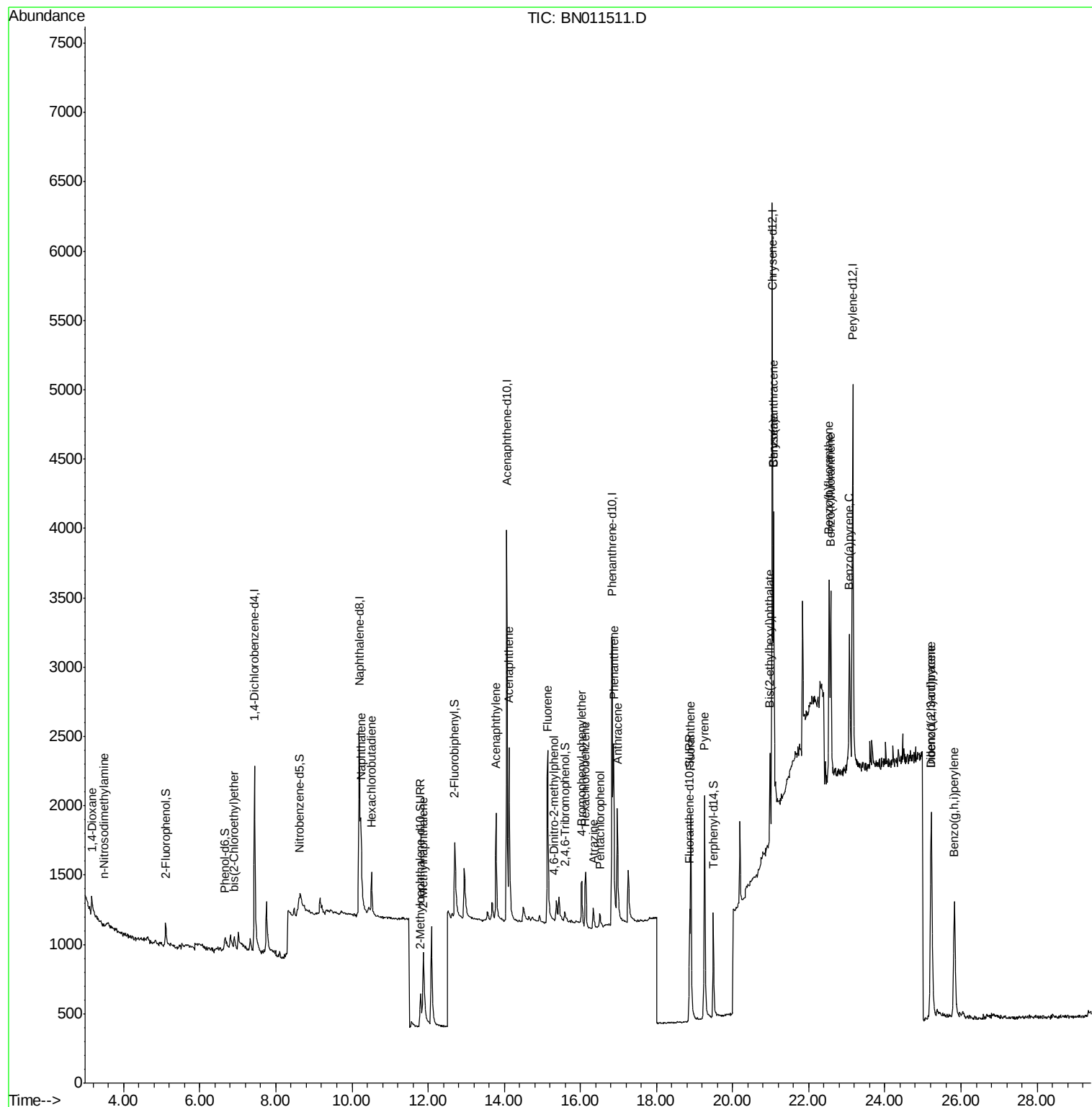
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	130	0.101	ng	# 86
3) n-Nitrosodimethylamine	3.49	42	4	0.006	ng	# 1
6) bis(2-Chloroethyl)ether	6.91	93	133	0.055	ng	98
9) Naphthalene	10.24	128	1068	0.119	ng	# 80
10) Hexachlorobutadiene	10.52	225	259	0.119	ng	# 96
12) 2-Methylnaphthalene	11.87	142	750	0.118	ng	# 94
16) Acenaphthylene	13.79	152	1138	0.111	ng	98
17) Acenaphthene	14.13	154	726	0.108	ng	98
18) Fluorene	15.13	166	863	0.100	ng	98
20) 4,6-Dinitro-2-methylphenol	15.30	198	36	0.058	ng	# 69
21) 4-Bromophenyl-phenylether	16.04	248	234	0.078	ng	# 90
22) Hexachlorobenzene	16.14	284	364	0.107	ng	98
23) Atrazine	16.34	200	201	0.086	ng	# 72
24) Pentachlorophenol	16.51	266	97	0.092	ng	# 84
25) Phenanthrene	16.87	178	1571	0.107	ng	98
26) Anthracene	16.97	178	1265	0.104	ng	98
28) Fluoranthene	18.90	202	1739	0.104	ng	99
30) Pyrene	19.27	202	1811	0.087	ng	99
32) Benzo(a)anthracene	21.08	228	2092	0.135	ng	94
33) Chrysene	21.08	228	2084	0.120	ng	96
34) Bis(2-ethylhexyl)phthalate	20.98	149	621	0.075	ng	99
35) Indeno(1,2,3-cd)pyrene	25.21	276	2076	0.122	ng	99
37) Benzo(b)fluoranthene	22.54	252	1891	0.119	ng	# 72
38) Benzo(k)fluoranthene	22.58	252	1814	0.104	ng	# 73
39) Benzo(a)pyrene	23.07	252	1618	0.117	ng	# 64
40) Dibenzo(a,h)anthracene	25.22	278	1642	0.115	ng	# 70
41) Benzo(g,h,i)perylene	25.83	276	1936	0.122	ng	# 87

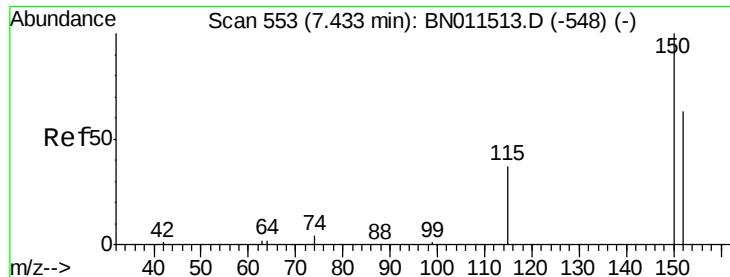
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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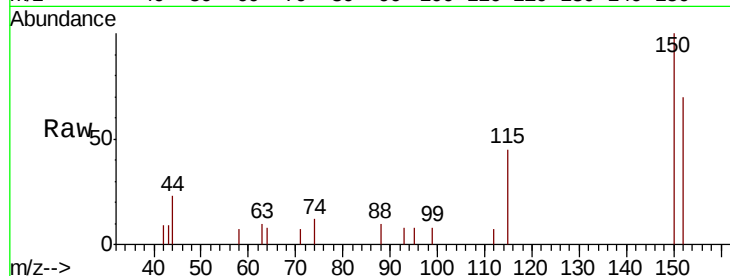


#1

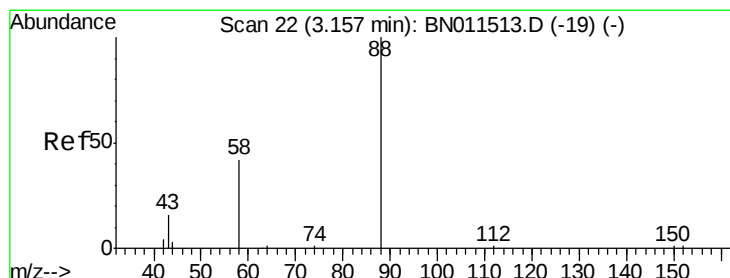
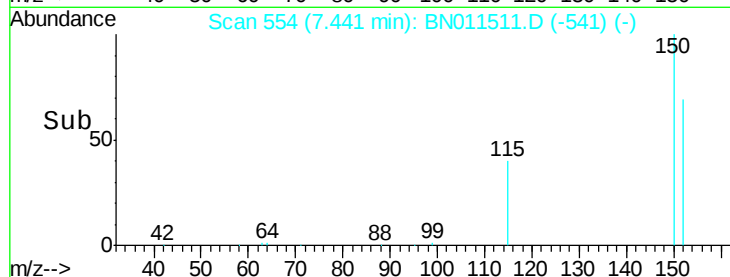
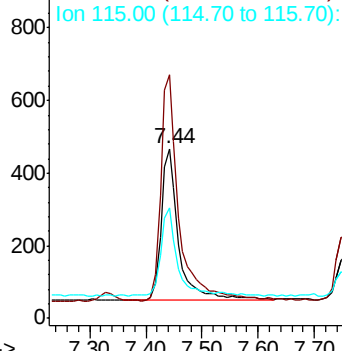
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.44 min Scan# 554
Delta R.T. 0.01 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 917
Ion Ratio Lower Upper
152 100
150 143.4 121.6 182.4
115 64.7 51.9 77.9



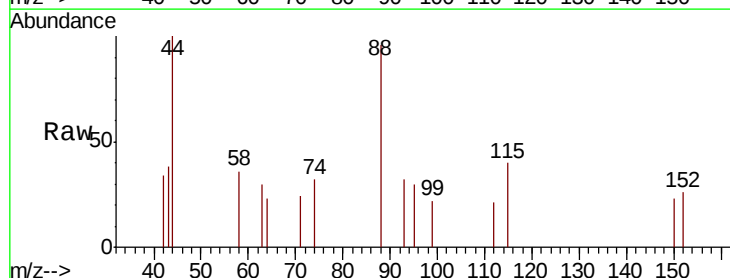
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



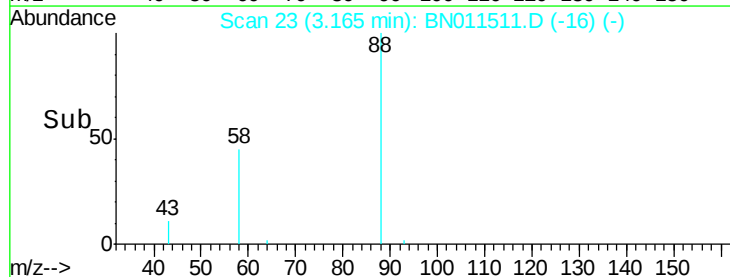
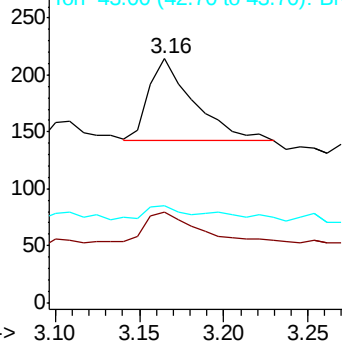
#2

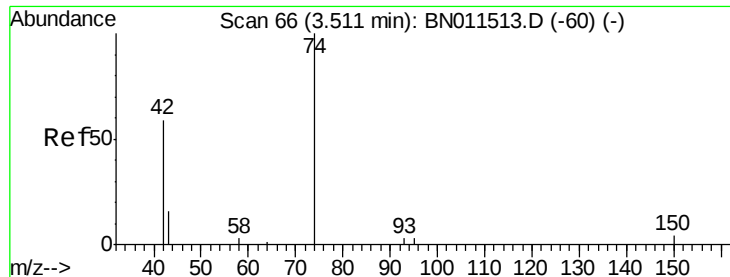
1,4-Dioxane
Concen: 0.101 ng
RT: 3.16 min Scan# 23
Delta R.T. 0.01 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

Tgt Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
58 39.2 38.6 57.8
43 13.1 15.8 23.6#



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



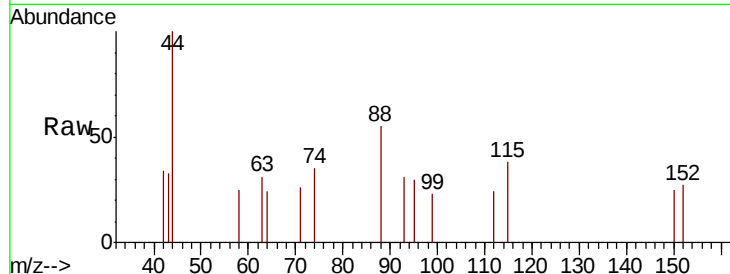


#3

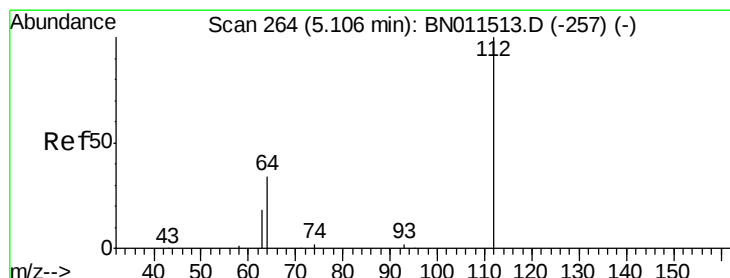
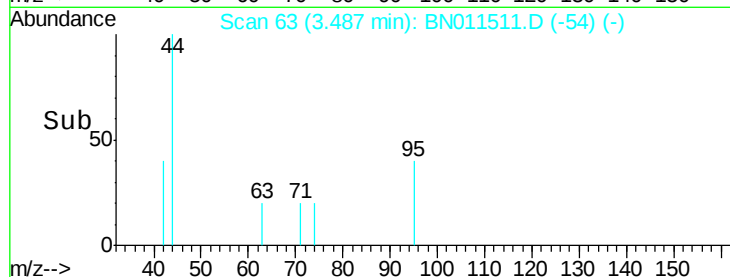
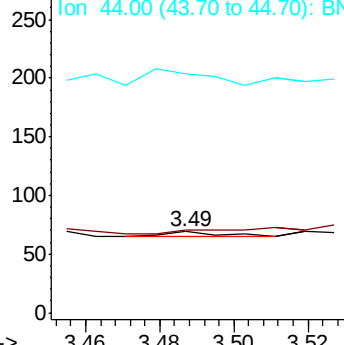
n-Nitrosodimethylamine
 Concen: 0.006 ng
 RT: 3.49 min Scan# 63
 Delta R.T. -0.02 min
 Lab File: BN011511.D
 Acq: 19 Aug 2020 11:36

Instrument :
 BNA_N
 ClientSampled :
 SSTDICC0.1

Tot Ion: 42 Resp: 4
 Ion Ratio Lower Upper
 42 100
 74 0.0 150.4 225.6#
 44 500.0 0.0 0.0#



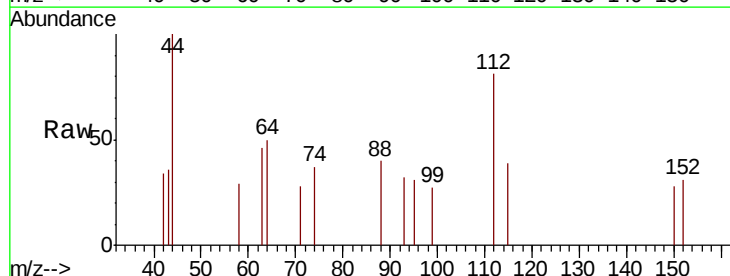
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



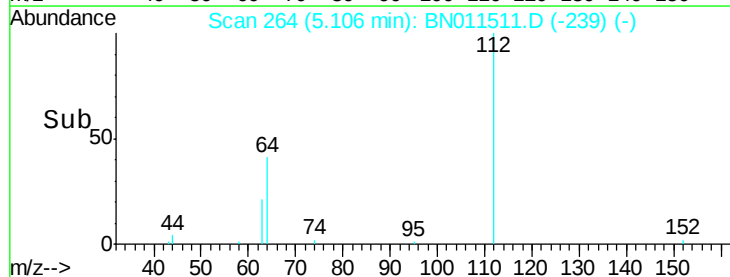
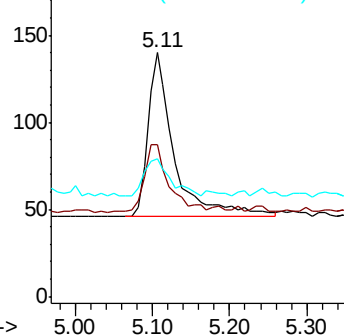
#4

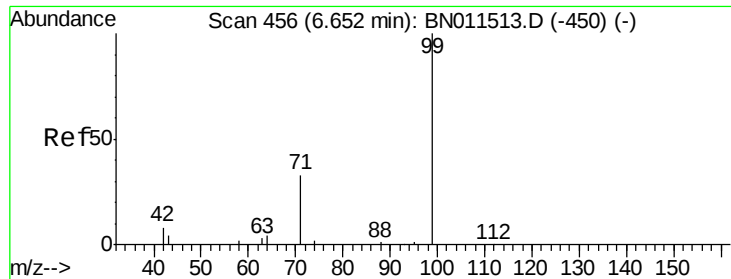
2-Fluorophenol
 Concen: 0.093 ng
 RT: 5.11 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: BN011511.D
 Acq: 19 Aug 2020 11:36

Tgt Ion: 112 Resp: 223
 Ion Ratio Lower Upper
 112 100
 64 41.3 33.8 50.6
 63 23.3 19.5 29.3



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: 0.083 ng

RT: 6.66 min Scan# 457

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

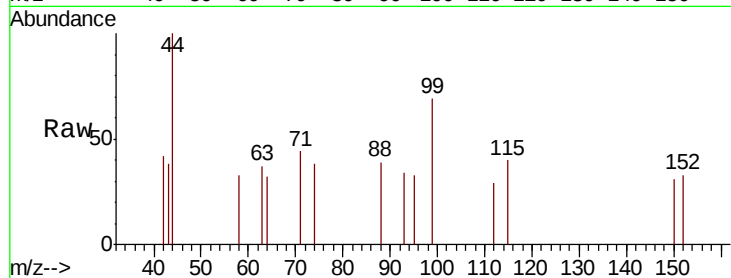
Tot Ion: 99 Resp: 242

Ion Ratio Lower Upper

99 100

42 12.4 10.0 15.0

71 35.1 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BN011511.D (-444) (-)

Ion 42.00 (41.70 to 42.70): BN011511.D (-444) (-)

Ion 71.00 (70.70 to 71.70): BN011511.D (-444) (-)

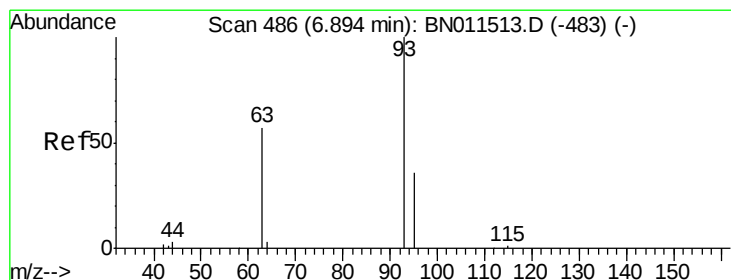
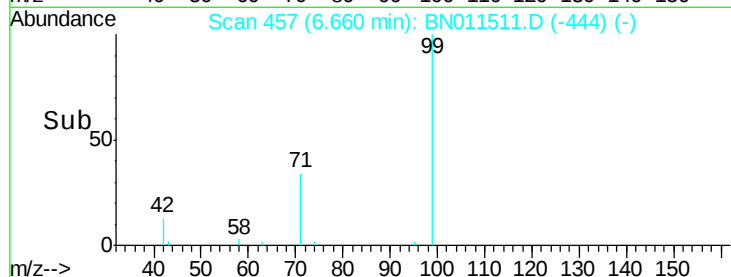
6.66

100

50

0

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.055 ng

RT: 6.91 min Scan# 488

Delta R.T. 0.02 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

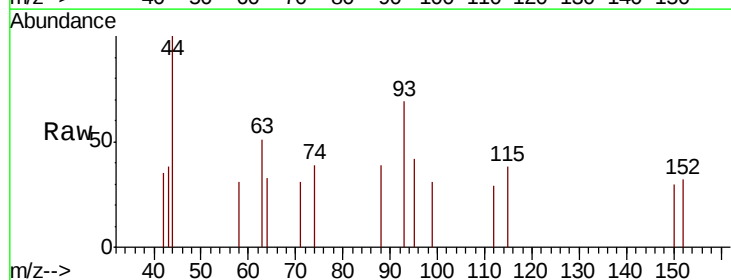
Tgt Ion: 93 Resp: 133

Ion Ratio Lower Upper

93 100

63 56.4 45.4 68.2

95 42.9 31.8 47.8



Abundance Ion 93.00 (92.70 to 93.70): BN011511.D (-461) (-)

Ion 63.00 (62.70 to 63.70): BN011511.D (-461) (-)

Ion 95.00 (94.70 to 95.70): BN011511.D (-461) (-)

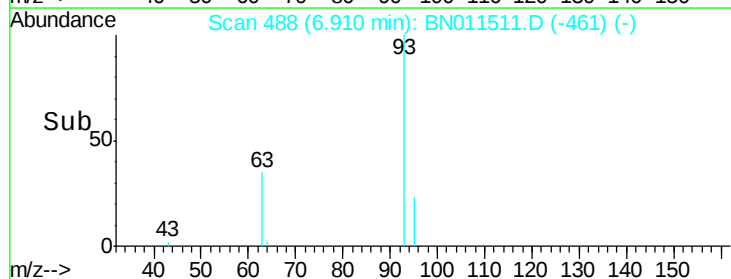
6.91

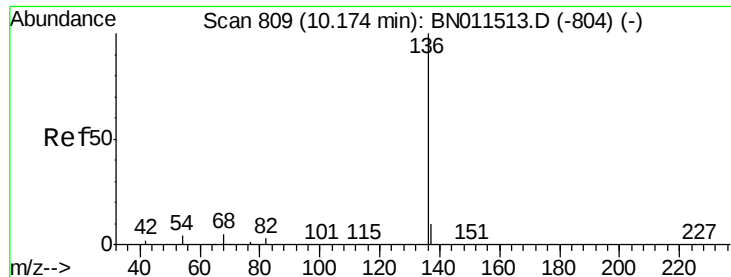
100

50

0

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 810

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 3028

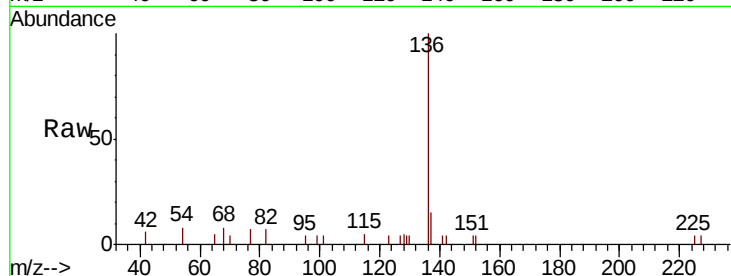
Ion Ratio Lower Upper

136 100

137 15.0 10.3 15.5

54 8.0 5.7 8.5

68 8.1 6.0 9.0

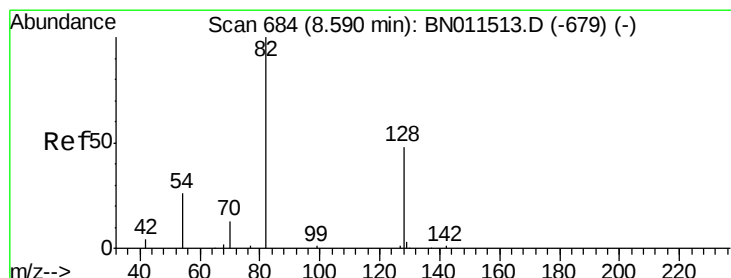
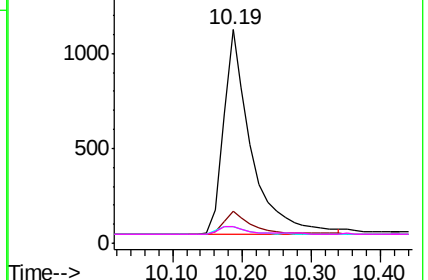
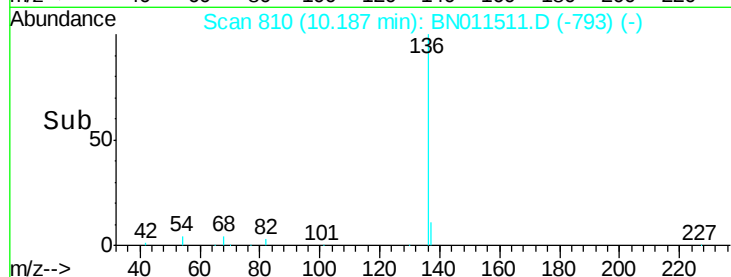


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.088 ng

RT: 8.62 min Scan# 686

Delta R.T. 0.03 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

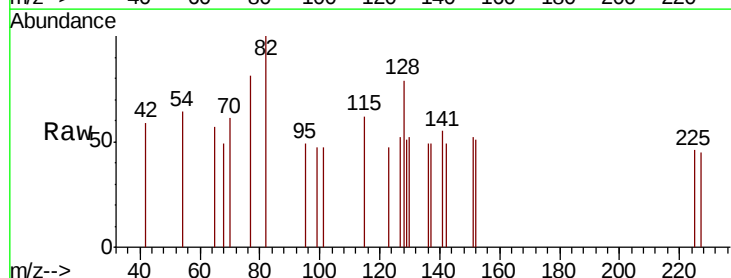
Tgt Ion: 82 Resp: 237

Ion Ratio Lower Upper

82 100

128 78.8 44.6 66.8#

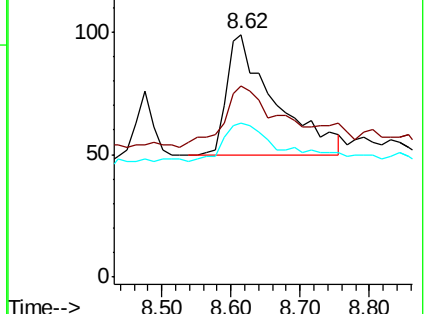
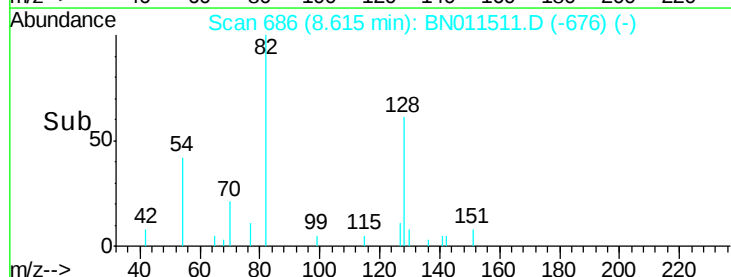
54 63.6 27.6 41.4#

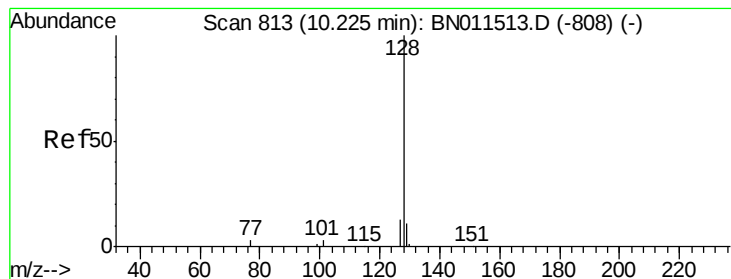


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.119 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

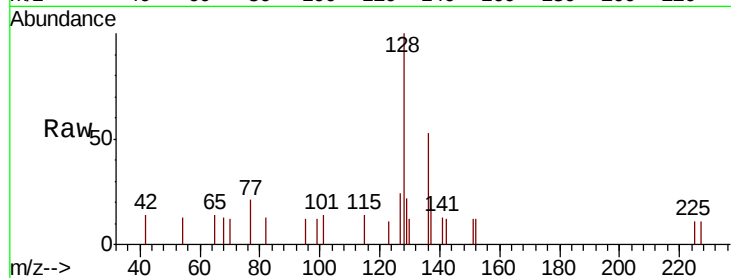
Tot Ion:128 Resp: 1068

Ion Ratio Lower Upper

128 100

129 21.9 11.1 16.7#

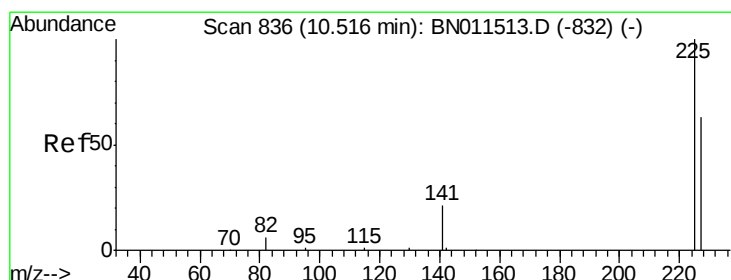
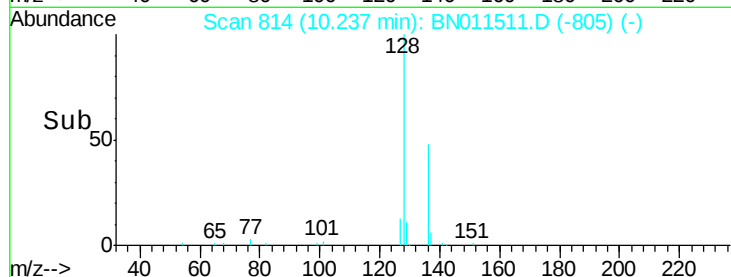
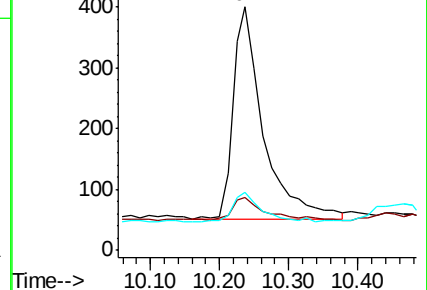
127 23.7 12.2 18.4#



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: 0.119 ng

RT: 10.52 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

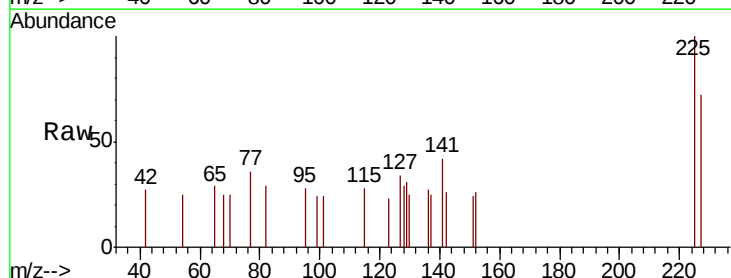
Tgt Ion:225 Resp: 259

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

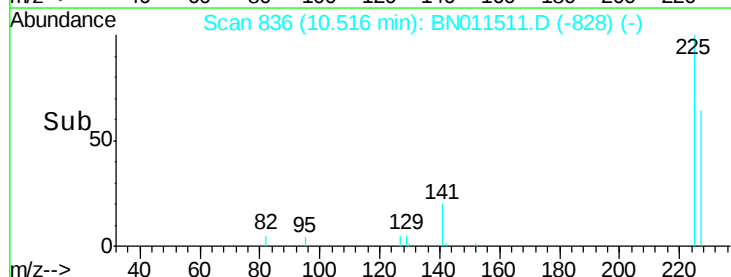
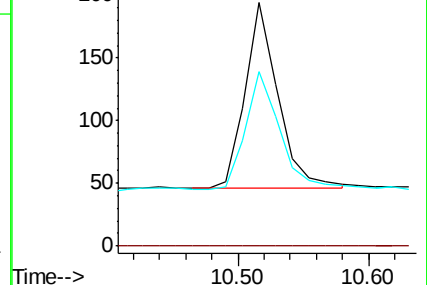
227 65.6 50.1 75.1

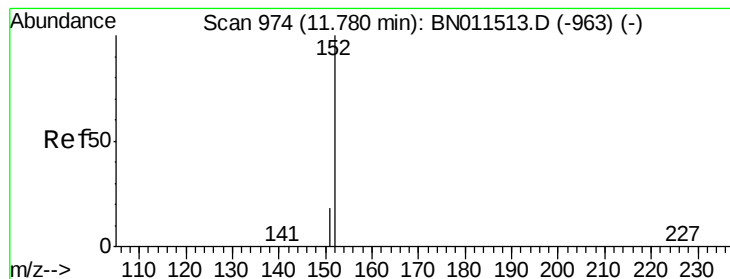


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.125 ng

RT: 11.80 min Scan# 978

Delta R.T. 0.02 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

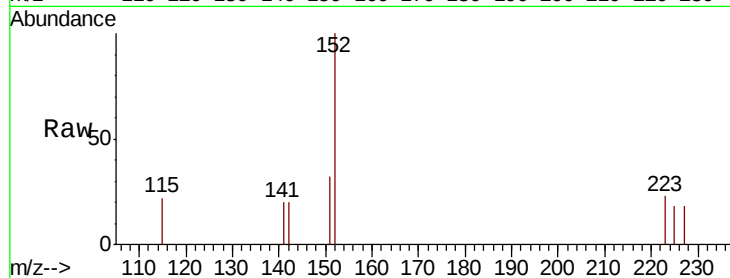
SSTDIC0.1

Tot Ion:152 Resp: 692

Ion Ratio Lower Upper

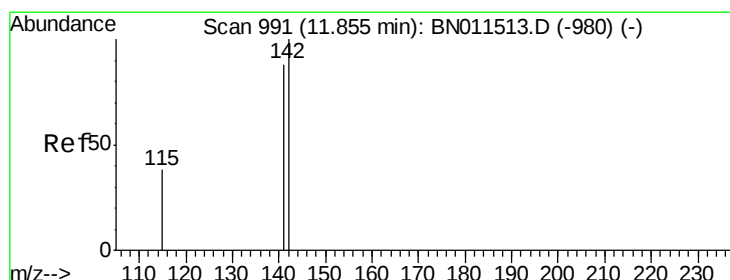
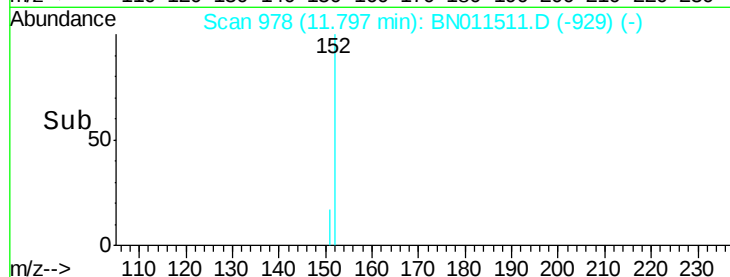
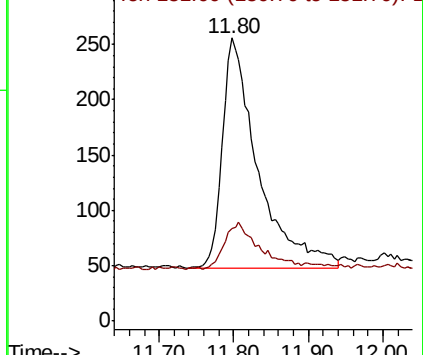
152 100

151 19.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.118 ng

RT: 11.87 min Scan# 995

Delta R.T. 0.02 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

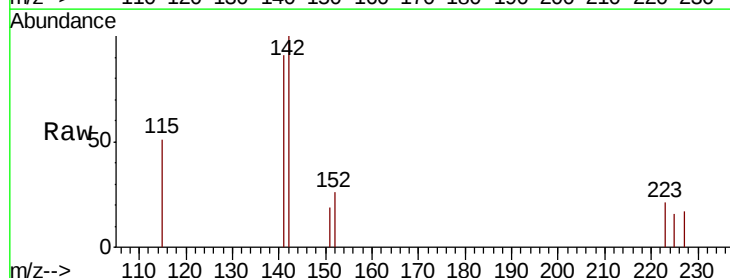
Tgt Ion:142 Resp: 750

Ion Ratio Lower Upper

142 100

141 90.6 70.9 106.3

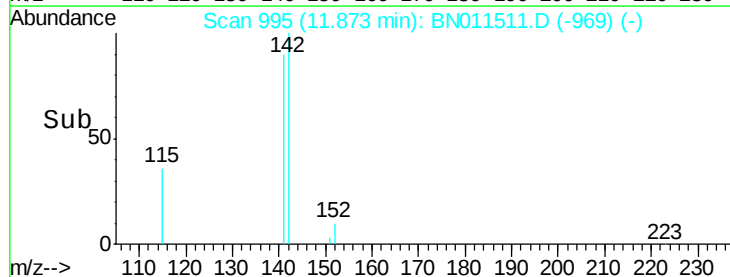
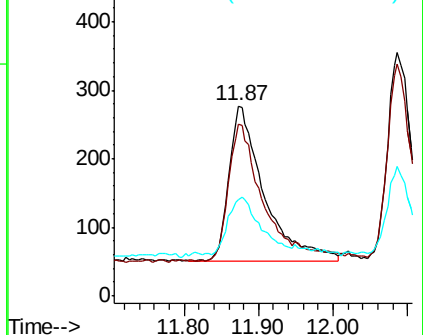
115 50.9 33.2 49.8#

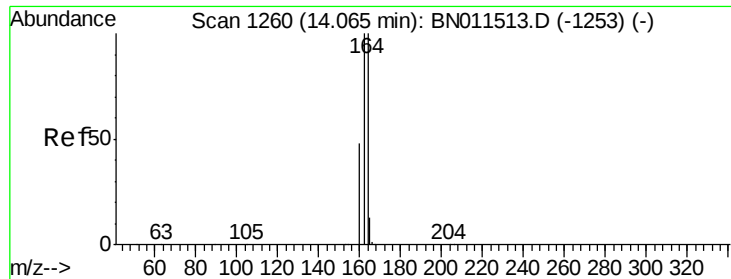


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.06 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

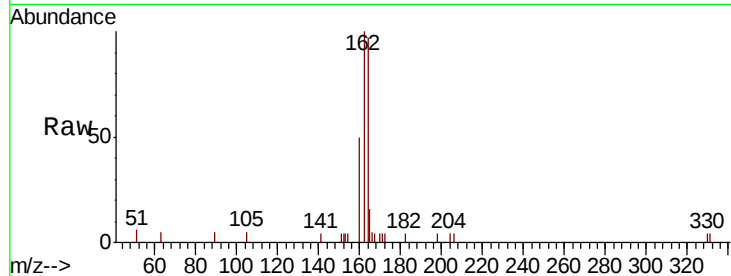
BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:164 Resp: 1994

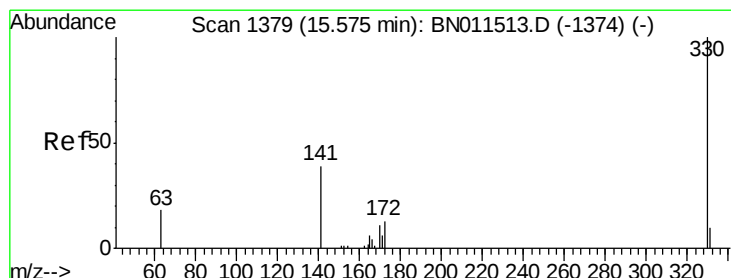
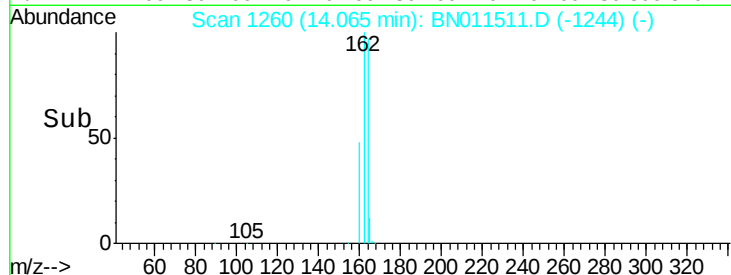
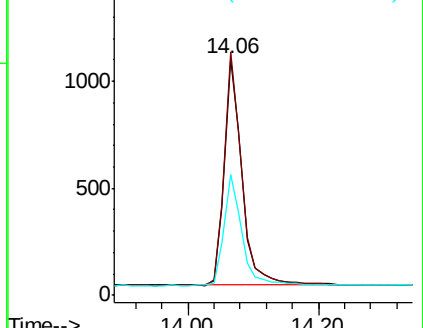
Ion	Ratio	Lower	Upper
164	100		
162	103.0	79.8	119.8
160	51.3	39.6	59.4



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: 0.099 ng

RT: 15.59 min Scan# 1380

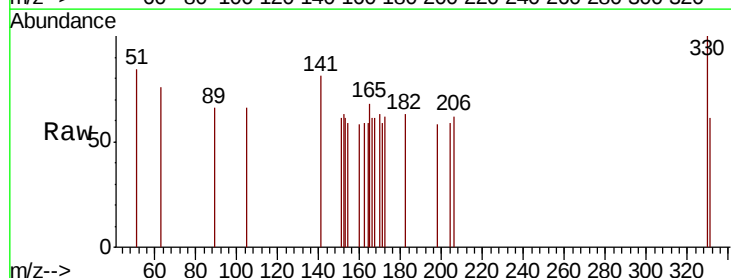
Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Tgt Ion:330 Resp: 91

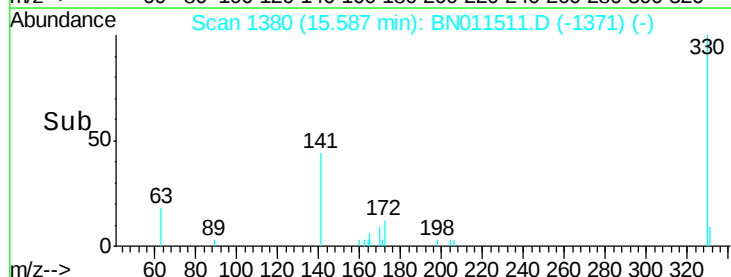
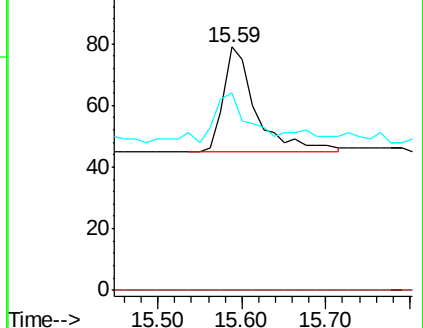
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.9	35.8	53.6

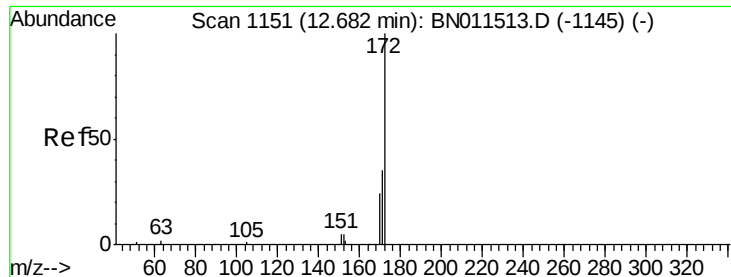


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

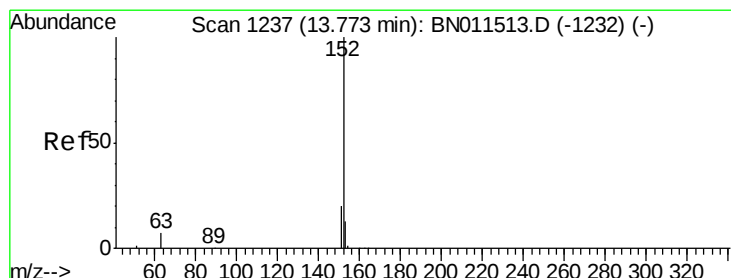
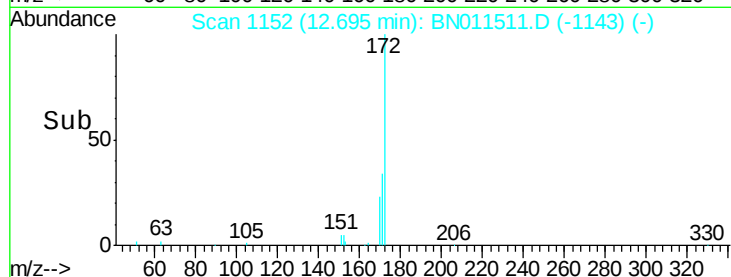
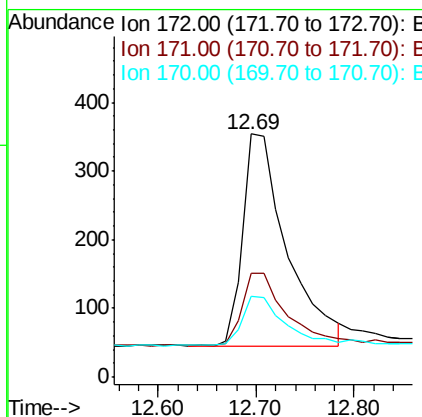
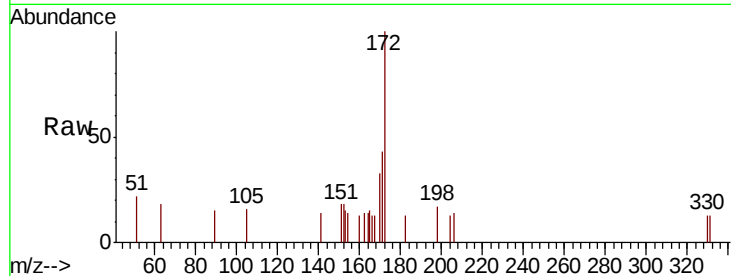




#15
2-Fluorobiphenyl
Concen: 0.113 ng
RT: 12.69 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

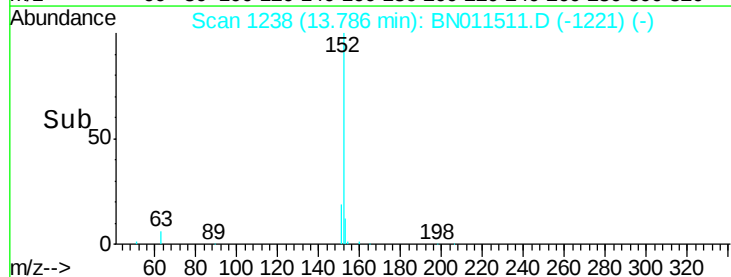
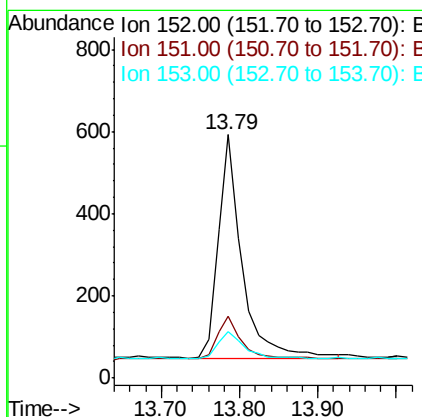
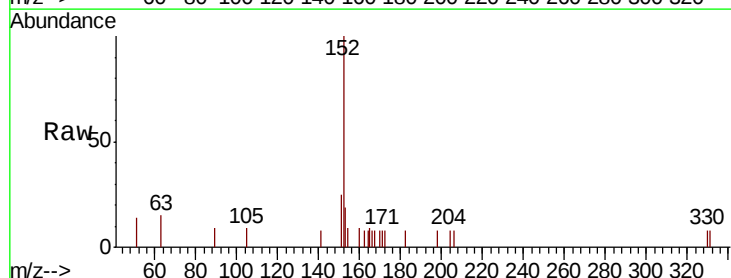
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

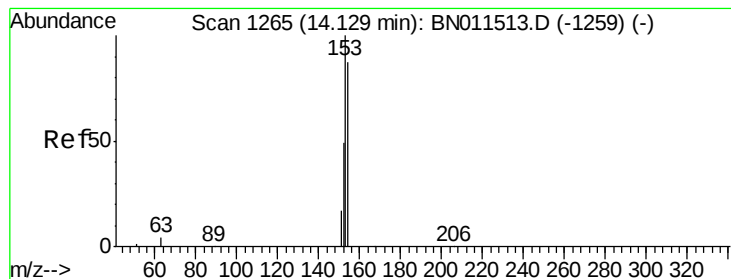
Tot Ion:172 Resp: 971
Ion Ratio Lower Upper
172 100
171 42.7 29.5 44.3
170 33.3 20.9 31.3#



#16
Acenaphthylene
Concen: 0.111 ng
RT: 13.79 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

Tgt Ion:152 Resp: 1138
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 14.1 10.1 15.1





#17

Acenaphthene

Concen: 0.108 ng

RT: 14.13 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

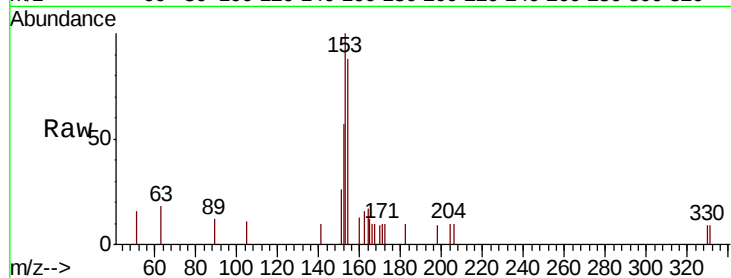
Tot Ion:154 Resp: 726

Ion Ratio Lower Upper

154 100

153 117.5 92.1 138.1

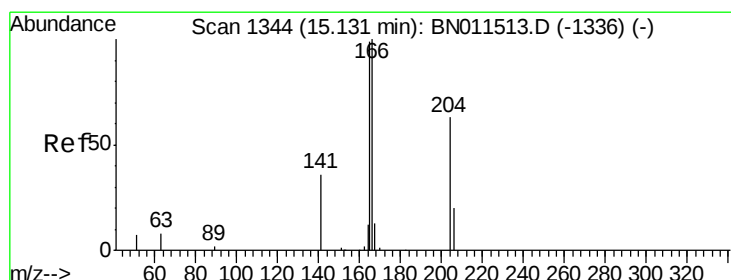
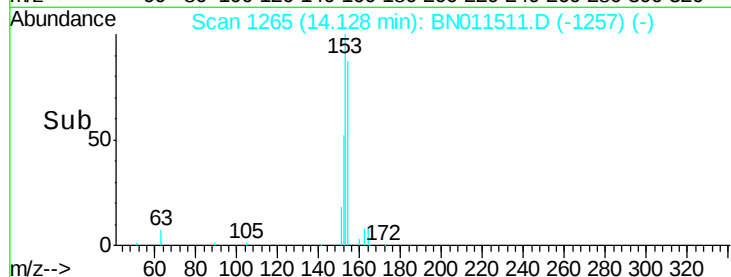
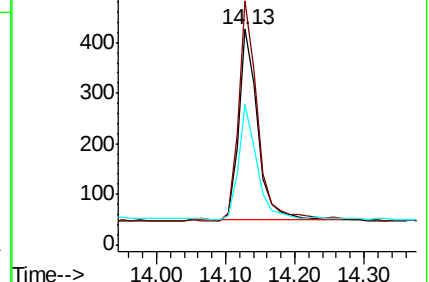
152 59.9 46.4 69.6



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: 0.100 ng

RT: 15.13 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

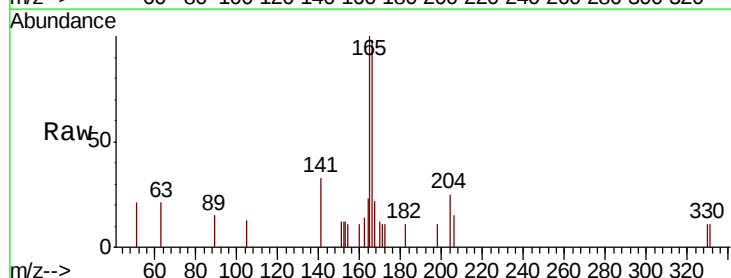
Tgt Ion:166 Resp: 863

Ion Ratio Lower Upper

166 100

165 101.6 80.4 120.6

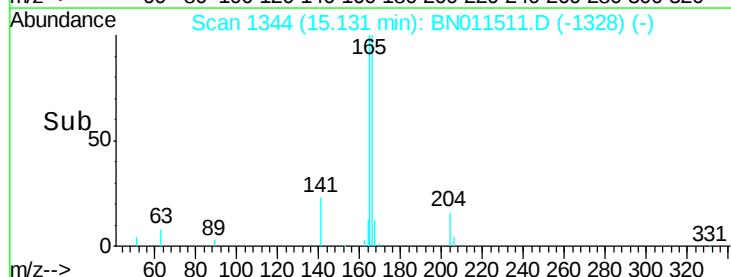
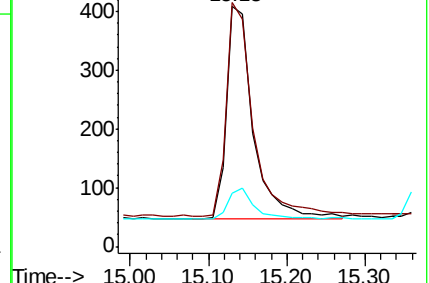
167 15.3 10.7 16.1

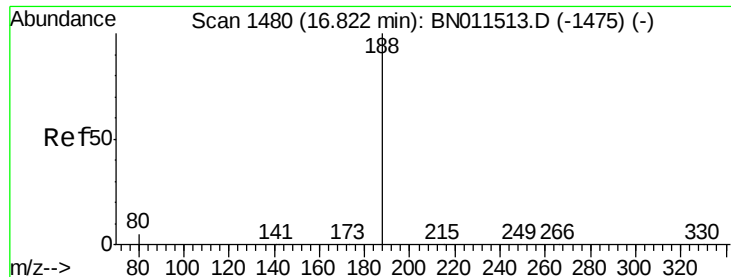


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.83 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

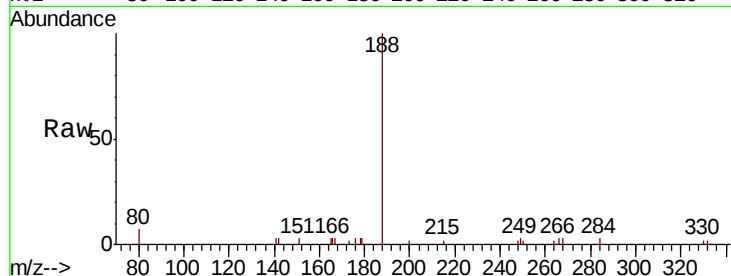
Tot Ion:188 Resp: 4518

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 5.4 8.2



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

16.83

2500

2000

1500

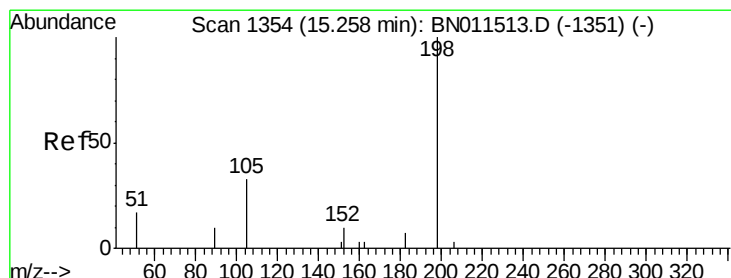
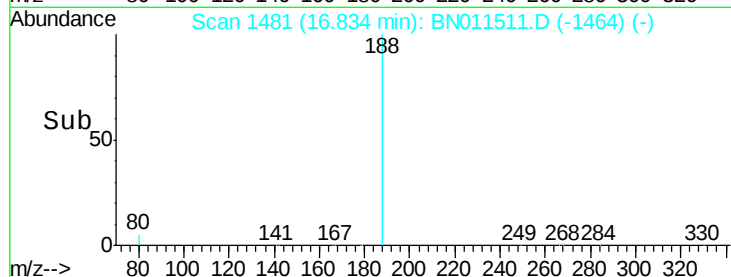
1000

500

0

16.80 17.00

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 0.058 ng

RT: 15.30 min Scan# 1357

Delta R.T. 0.04 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

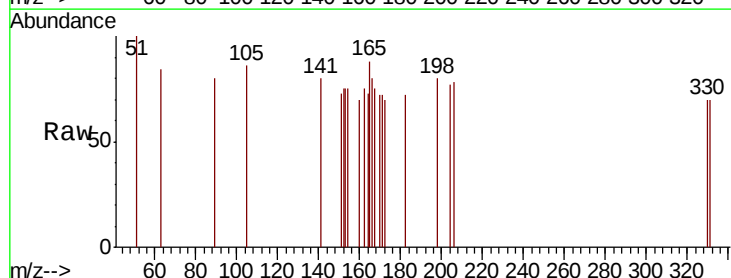
Tgt Ion:198 Resp: 36

Ion Ratio Lower Upper

198 100

51 125.5 75.8 113.6#

105 107.8 65.3 97.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

15.30

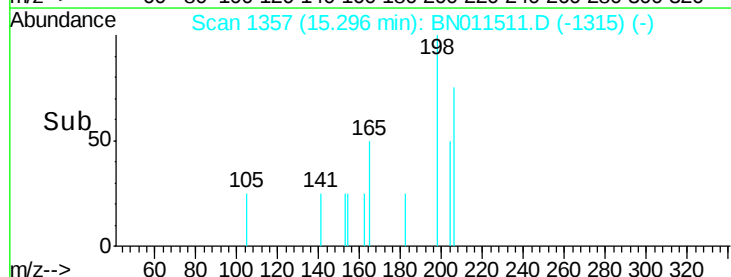
100

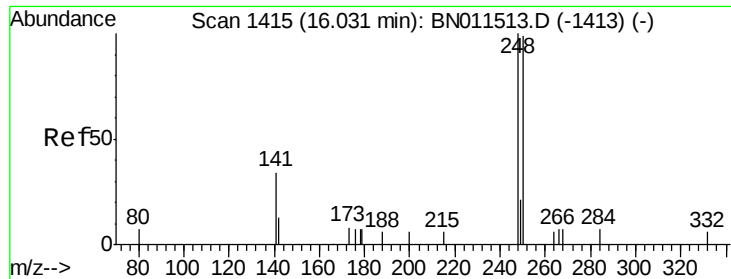
50

0

15.20 15.40

Time-->

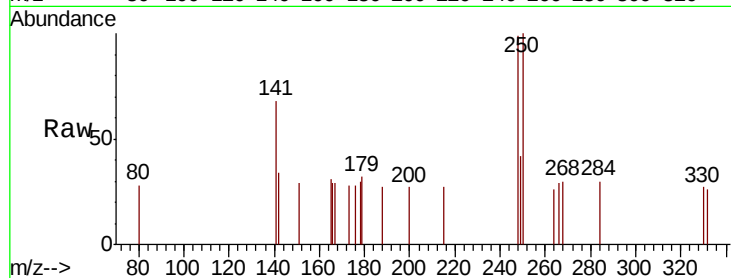




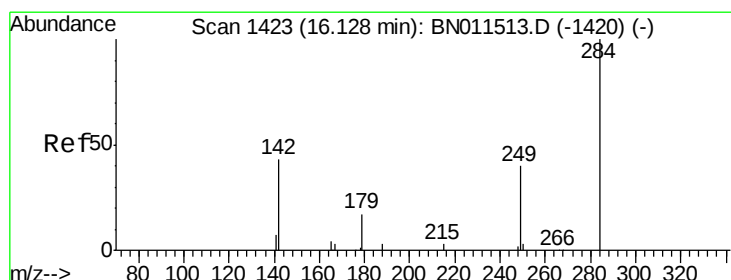
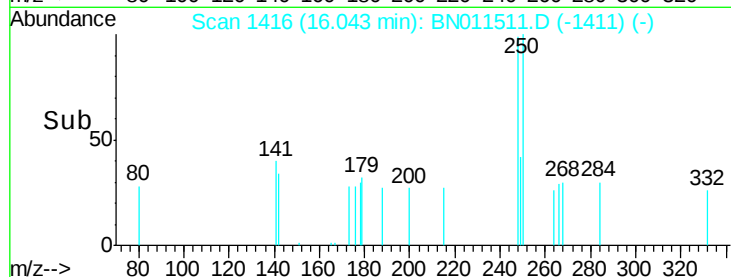
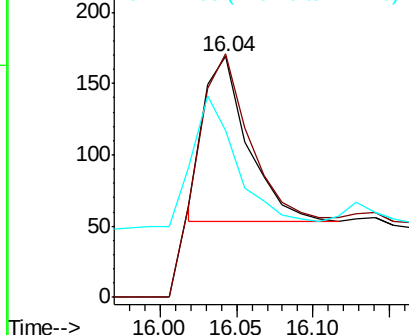
#21
4-Bromophenyl-phenylether
Concen: 0.078 ng
RT: 16.04 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

Instrument :
BNA_N
ClientSampled :
SSTDIC0.1

Tot Ion:248 Resp: 234
Ion Ratio Lower Upper
248 100
250 101.2 79.4 119.0
141 69.2 40.8 61.2#

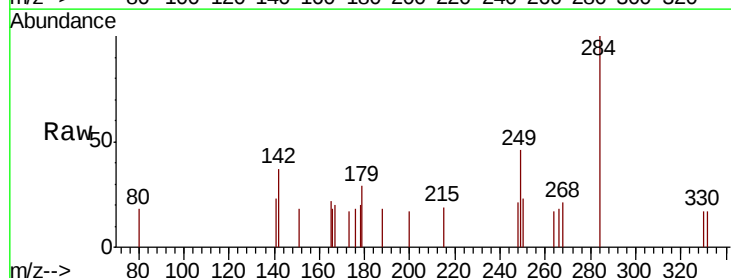


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

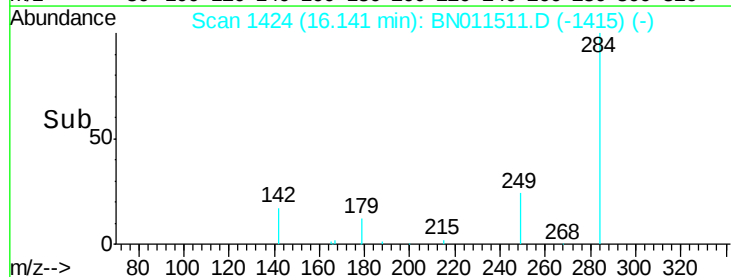
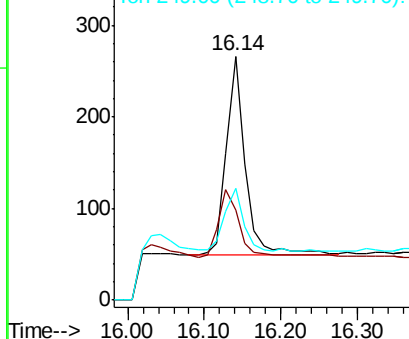


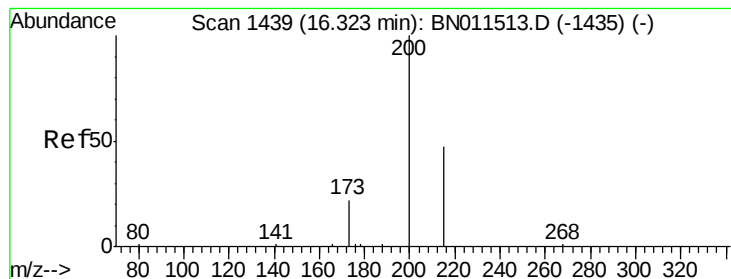
#22
Hexachlorobenzene
Concen: 0.107 ng
RT: 16.14 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

Tgt Ion:284 Resp: 364
Ion Ratio Lower Upper
284 100
142 39.8 31.7 47.5
249 31.6 27.4 41.2



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





#23

Atrazine

Concen: 0.086 ng

RT: 16.34 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

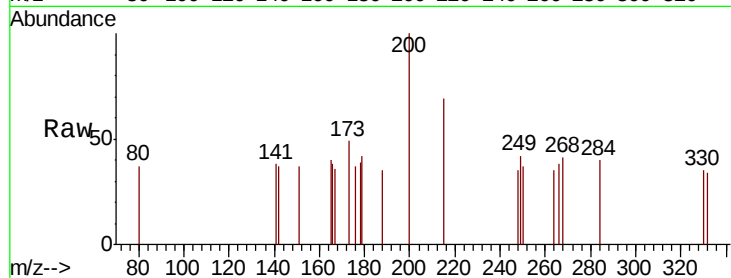
Tot Ion:200 Resp: 201

Ion Ratio Lower Upper

200 100

173 49.2 24.0 36.0#

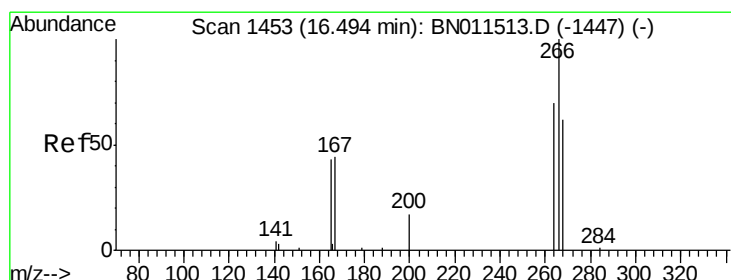
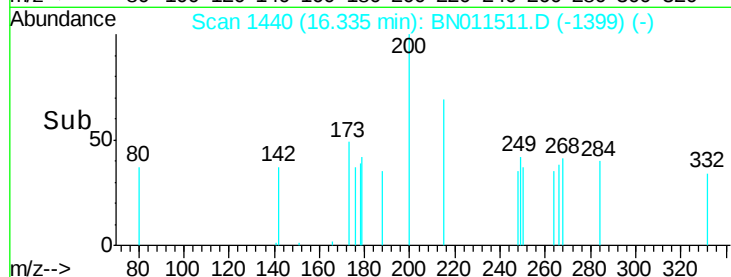
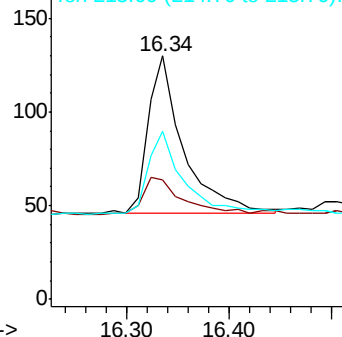
215 69.2 42.2 63.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.092 ng

RT: 16.51 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

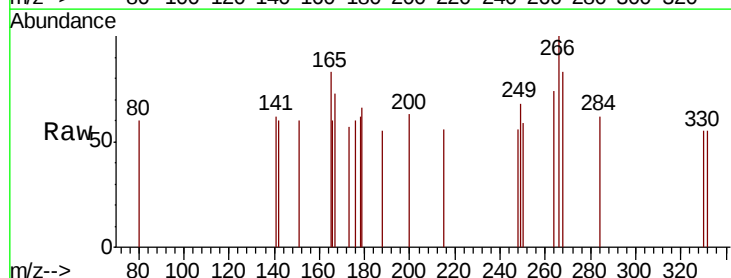
Tgt Ion:266 Resp: 97

Ion Ratio Lower Upper

266 100

264 55.7 53.7 80.5

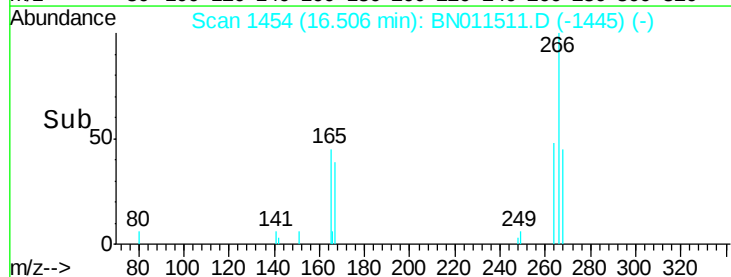
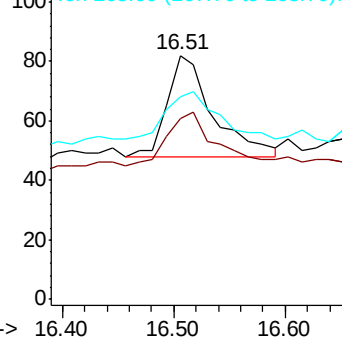
268 51.5 53.0 79.4#

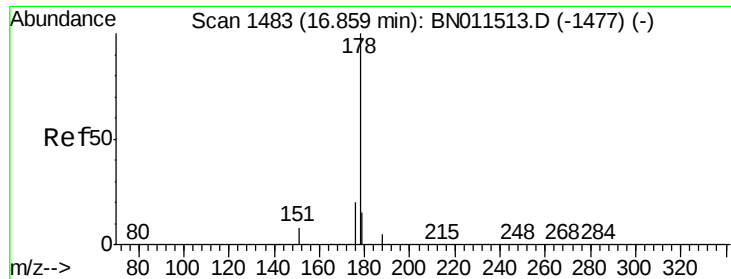


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.107 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

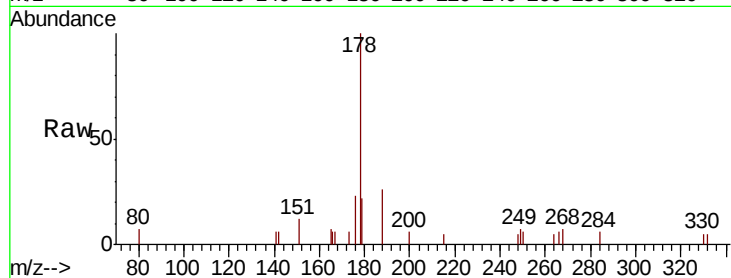
Tot Ion:178 Resp: 1571

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

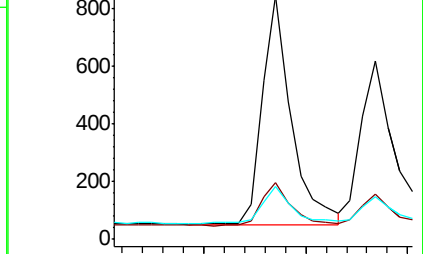
179 16.4 12.3 18.5



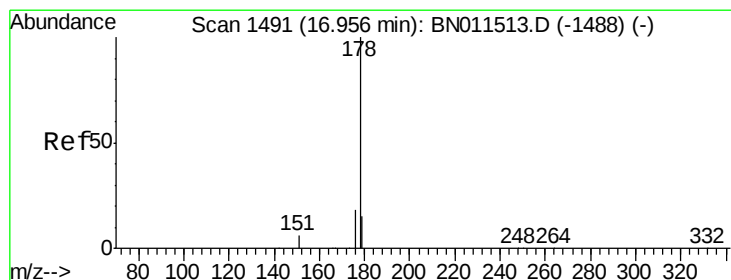
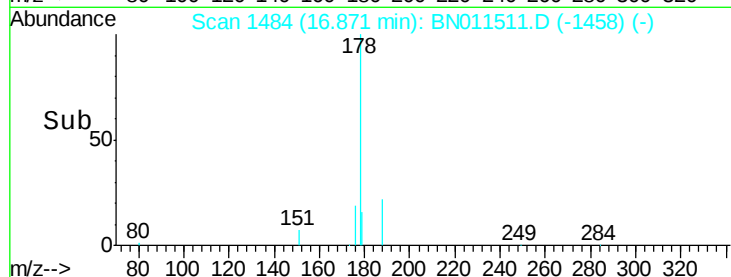
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#26

Anthracene

Concen: 0.104 ng

RT: 16.97 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

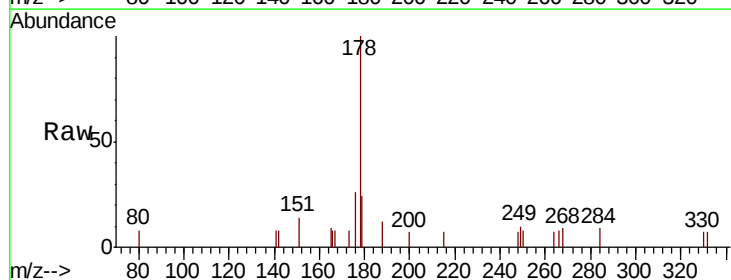
Tgt Ion:178 Resp: 1265

Ion Ratio Lower Upper

178 100

176 16.7 14.4 21.6

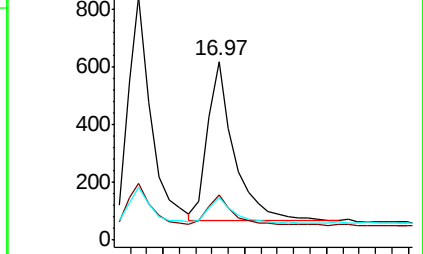
179 14.6 12.2 18.2



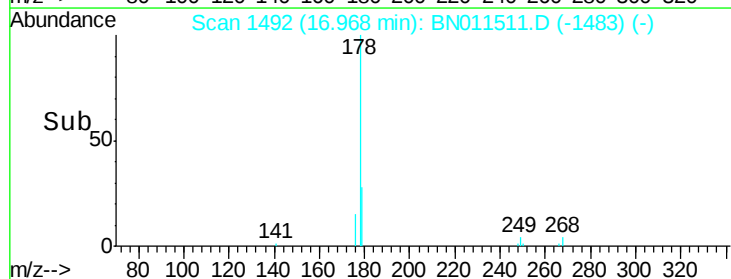
Abundance Ion 178.00 (177.70 to 178.70): E

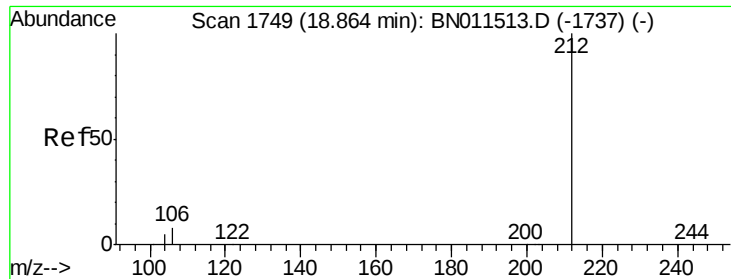
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

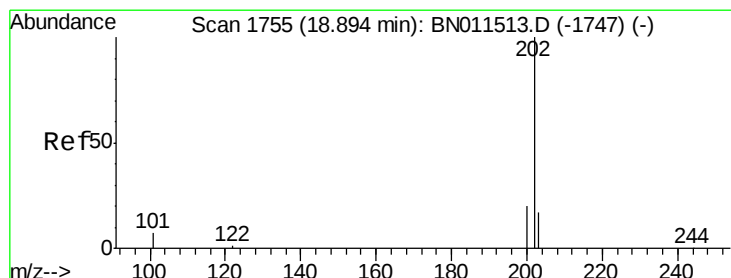
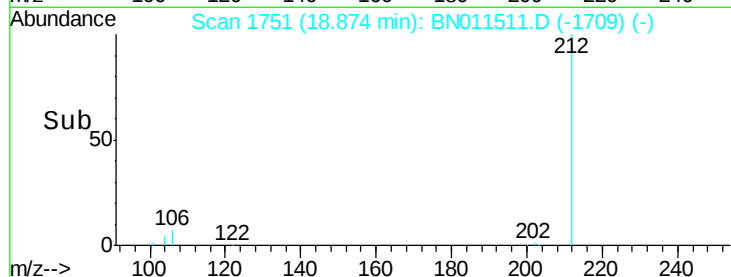
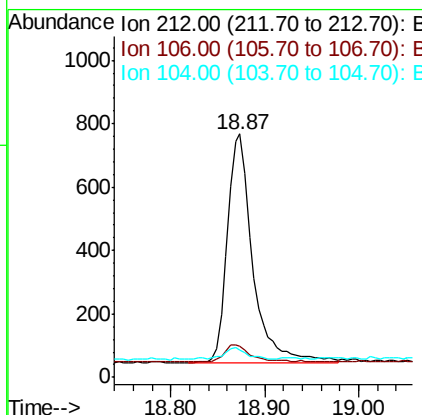
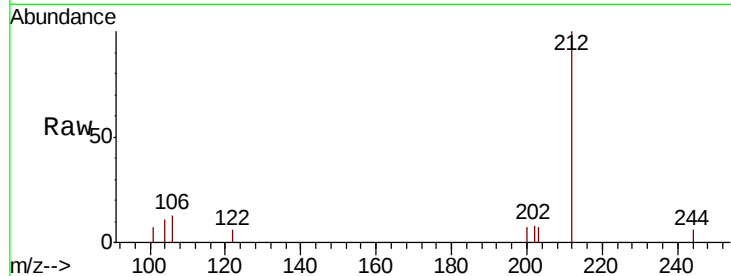




#27
 Fluoranthene-d10
 Concen: 0.097 ng
 RT: 18.87 min Scan# 1751
 Delta R.T. 0.01 min
 Lab File: BN011511.D
 Acq: 19 Aug 2020 11:36

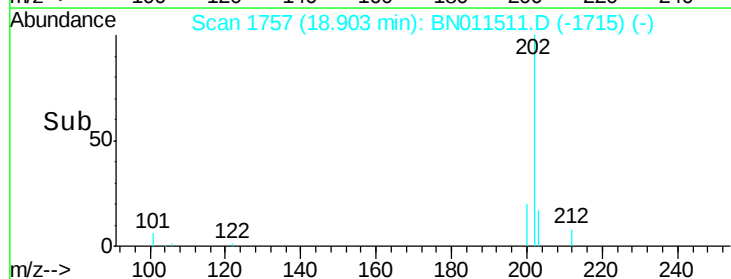
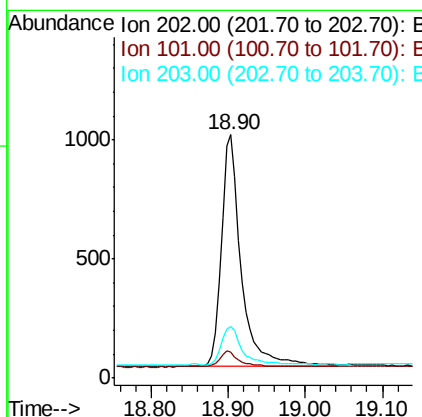
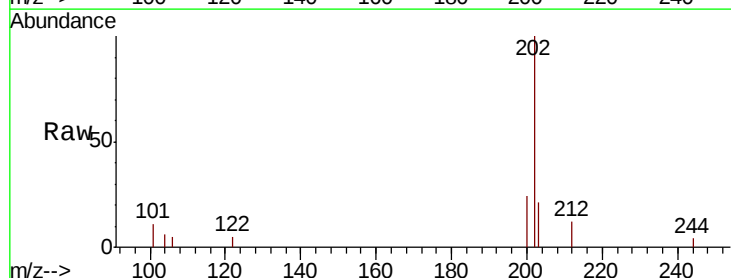
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

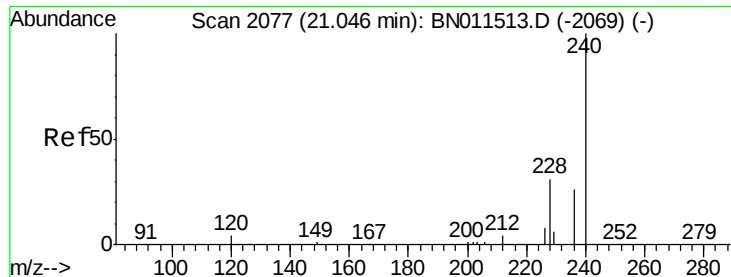
Tot Ion:212 Resp: 1340
 Ion Ratio Lower Upper
 212 100
 106 8.1 6.0 9.0
 104 4.4 3.7 5.5



#28
 Fluoranthene
 Concen: 0.104 ng
 RT: 18.90 min Scan# 1757
 Delta R.T. 0.01 min
 Lab File: BN011511.D
 Acq: 19 Aug 2020 11:36

Tgt Ion:202 Resp: 1739
 Ion Ratio Lower Upper
 202 100
 101 6.0 5.1 7.7
 203 16.5 13.8 20.6

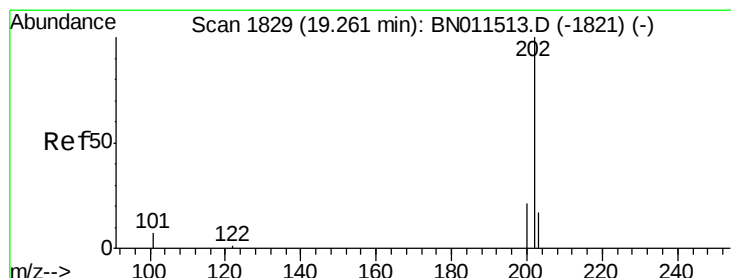
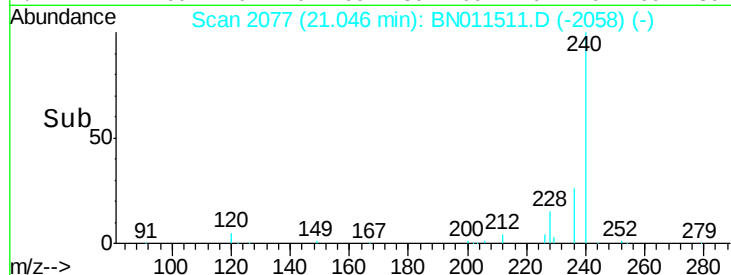
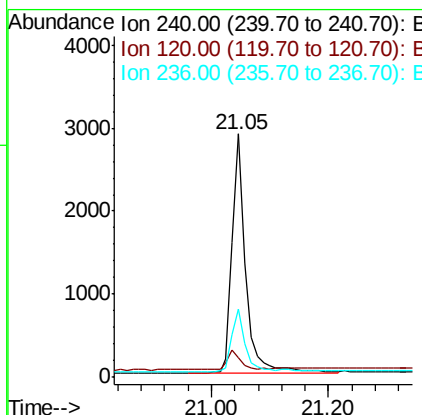
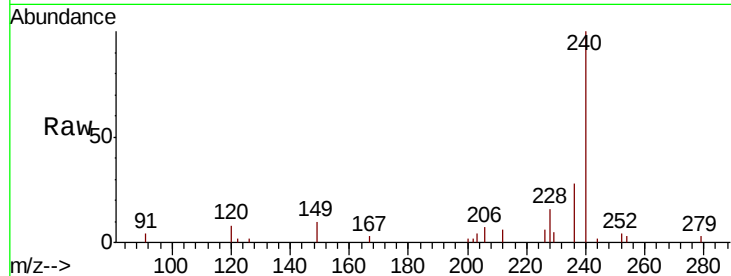




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

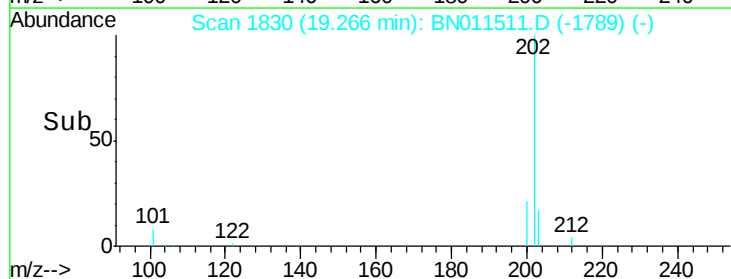
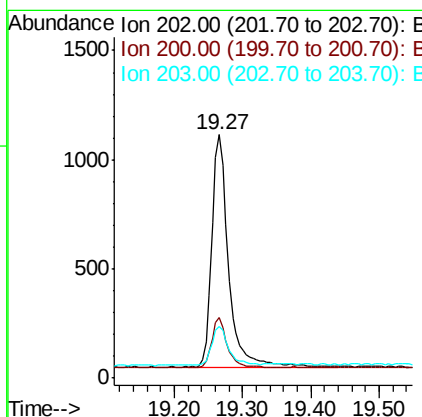
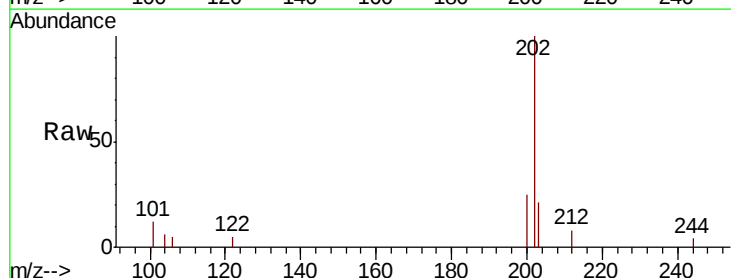
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

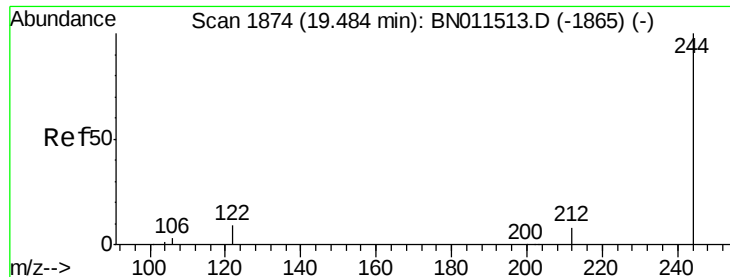
Tot Ion:240 Resp: 4620
Ion Ratio Lower Upper
240 100
120 8.1 6.0 9.0
236 27.8 22.6 33.8



#30
Pyrene
Concen: 0.087 ng
RT: 19.27 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

Tgt Ion:202 Resp: 1811
Ion Ratio Lower Upper
202 100
200 20.1 16.6 25.0
203 17.0 13.9 20.9





#31

Terphenyl-d14

Concen: 0.079 ng

RT: 19.49 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

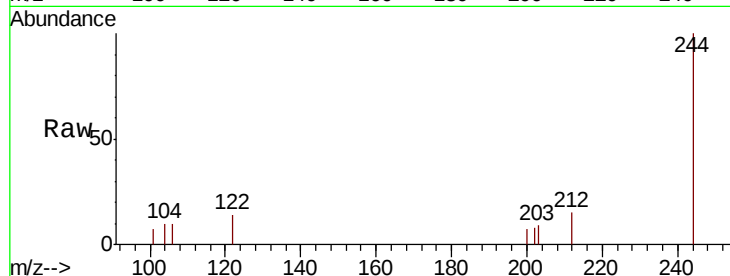
Tot Ion:244 Resp: 1104

Ion Ratio Lower Upper

244 100

212 14.8 8.2 12.4#

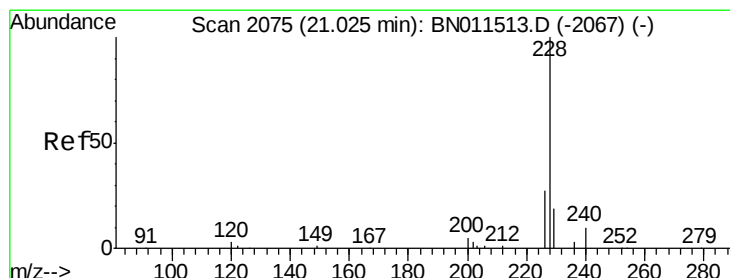
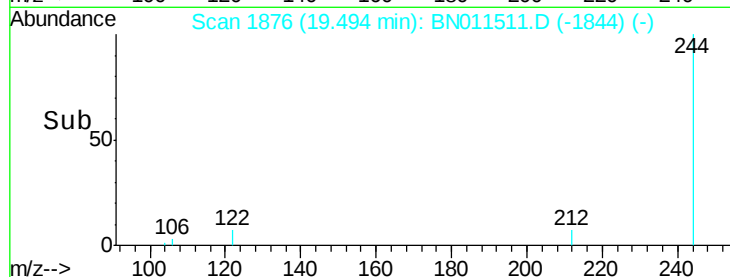
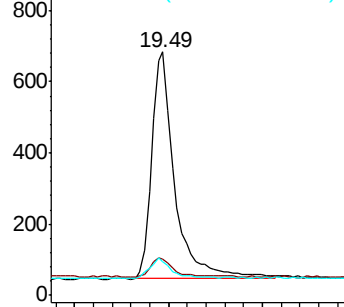
122 13.6 8.4 12.6#



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



#32

Benzo(a)anthracene

Concen: 0.135 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.05 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

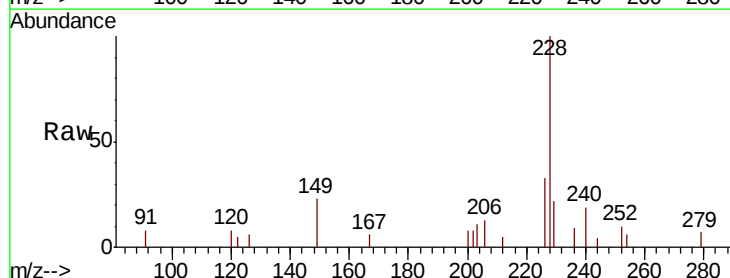
Tgt Ion:228 Resp: 2092

Ion Ratio Lower Upper

228 100

226 32.7 22.6 33.8

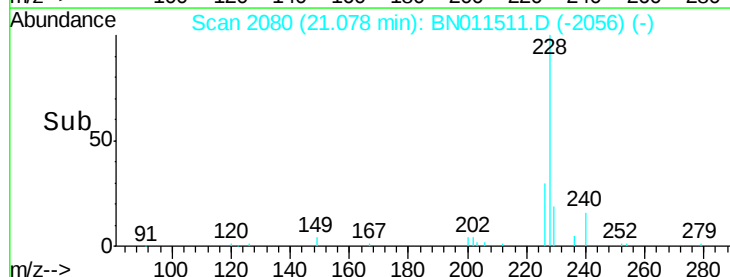
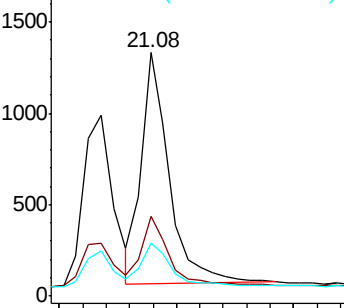
229 21.8 16.2 24.2

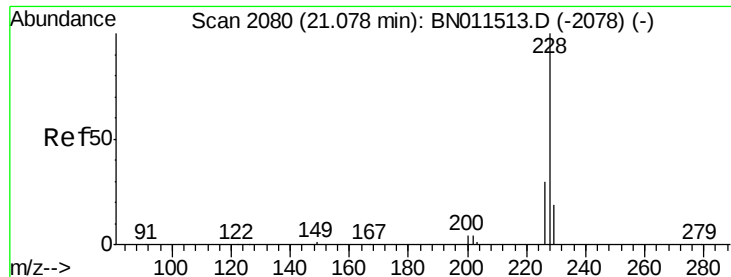


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.120 ng

RT: 21.08 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

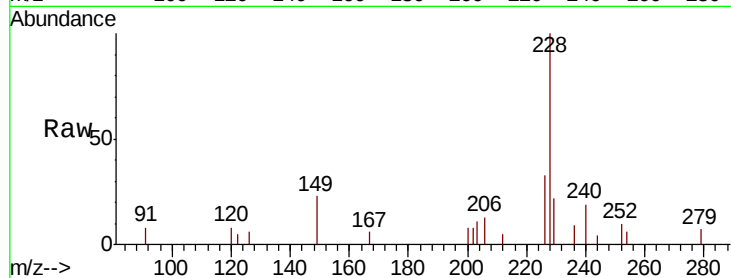
Tot Ion:228 Resp: 2084

Ion Ratio Lower Upper

228 100

226 32.7 24.6 37.0

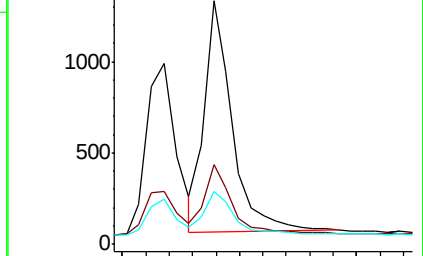
229 21.8 15.9 23.9



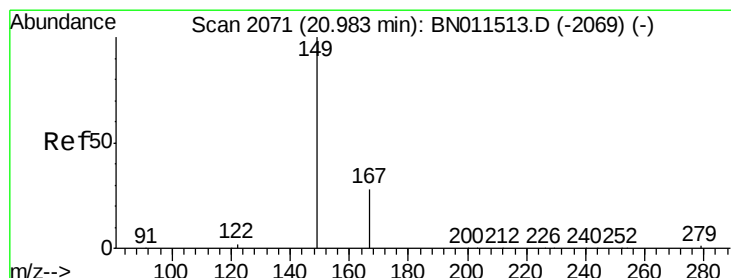
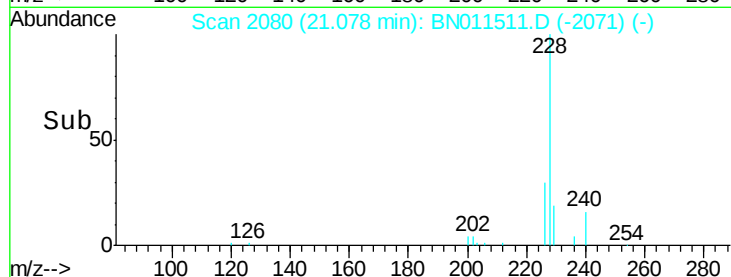
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 20.98 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

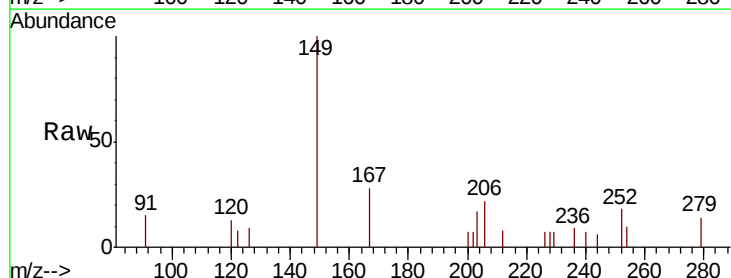
Tgt Ion:149 Resp: 621

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

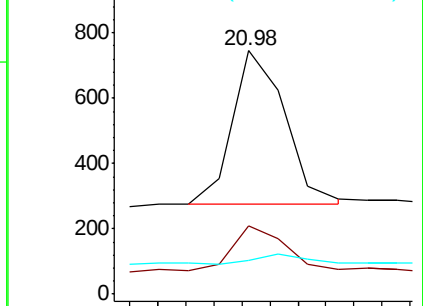
279 5.2 4.1 6.1



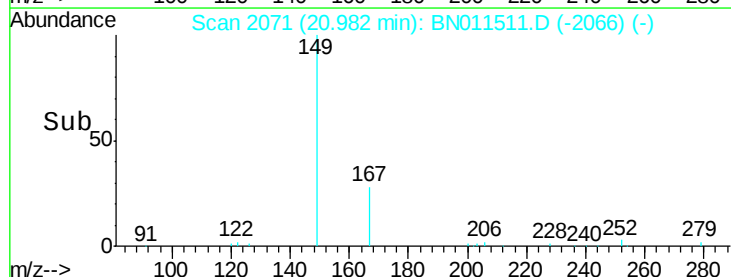
Abundance Ion 149.00 (148.70 to 149.70): E

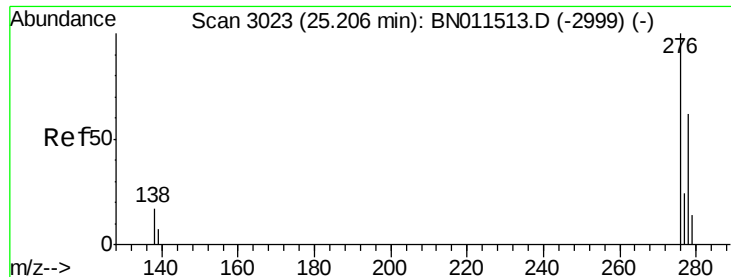
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

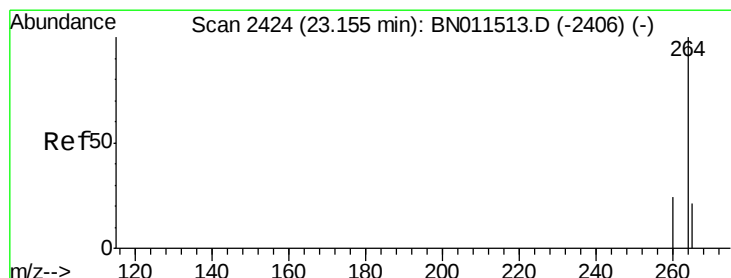
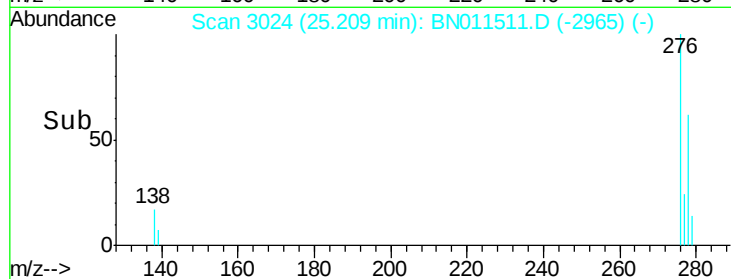
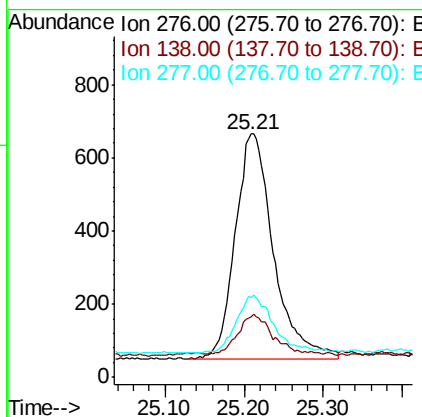
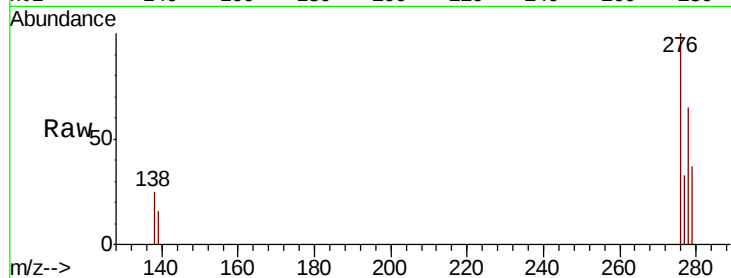




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng
RT: 25.21 min Scan# 3024
Delta R.T. 0.00 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

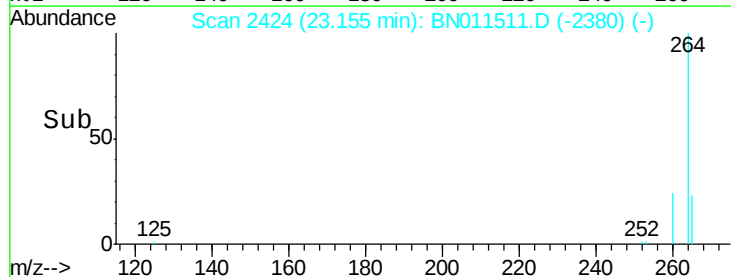
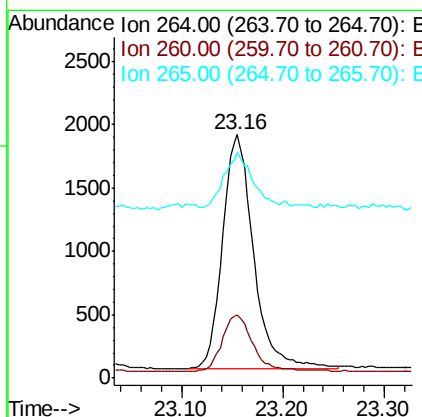
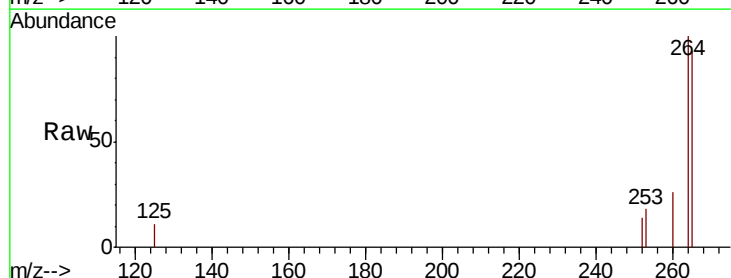
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

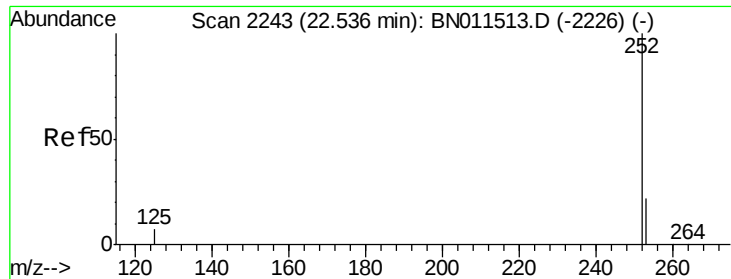
Tot Ion:276 Resp: 2076
Ion Ratio Lower Upper
276 100
138 15.6 13.6 20.4
277 24.9 19.8 29.8



#36
Perylene-d12
Concen: 0.400 ng
RT: 23.16 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BN011511.D
Acq: 19 Aug 2020 11:36

Tgt Ion:264 Resp: 3983
Ion Ratio Lower Upper
264 100
260 26.2 20.0 30.0
265 92.8 62.6 94.0





#37

Benzo(b)fluoranthene

Concen: 0.119 ng

RT: 22.54 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

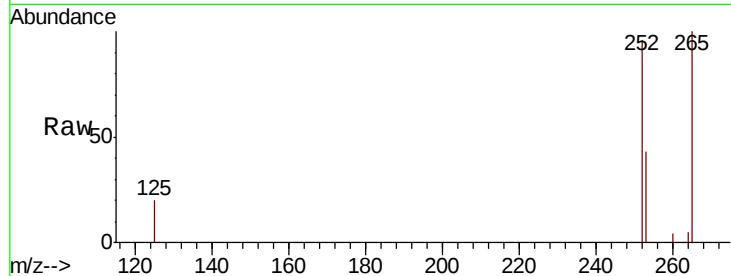
Tot Ion:252 Resp: 1891

Ion Ratio Lower Upper

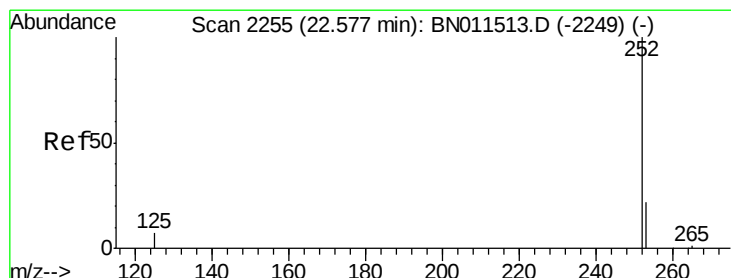
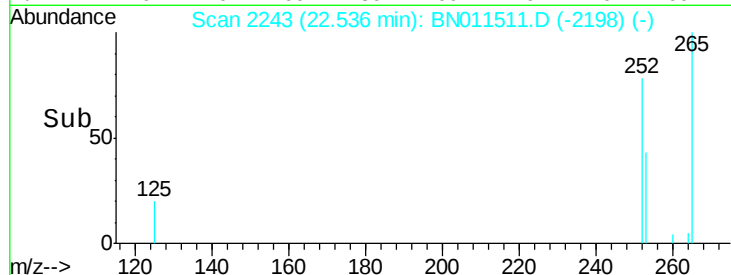
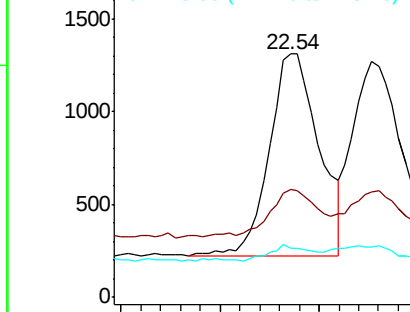
252 100

253 44.2 23.0 34.6#

125 20.4 9.0 13.4#



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

Benzo(k)fluoranthene

Concen: 0.104 ng

RT: 22.58 min Scan# 2255

Delta R.T. -0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

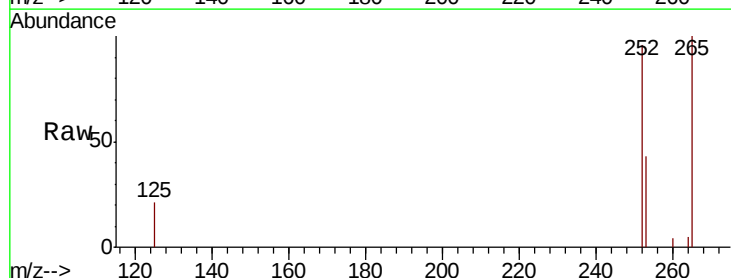
Tgt Ion:252 Resp: 1814

Ion Ratio Lower Upper

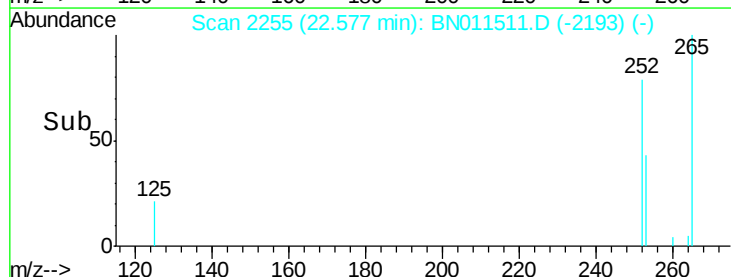
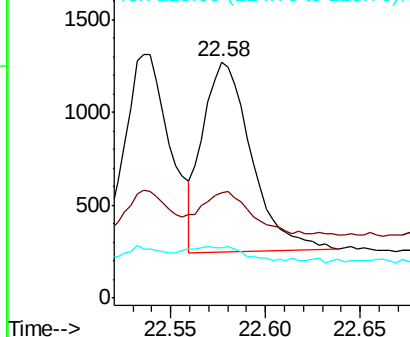
252 100

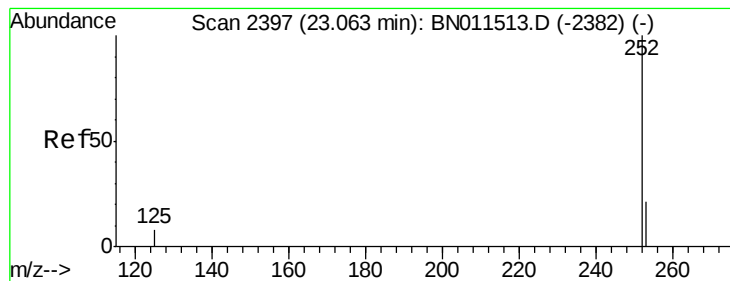
253 44.4 23.4 35.0#

125 21.5 9.7 14.5#



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





#39

Benzo(a)pyrene

Concen: 0.117 ng

RT: 23.07 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

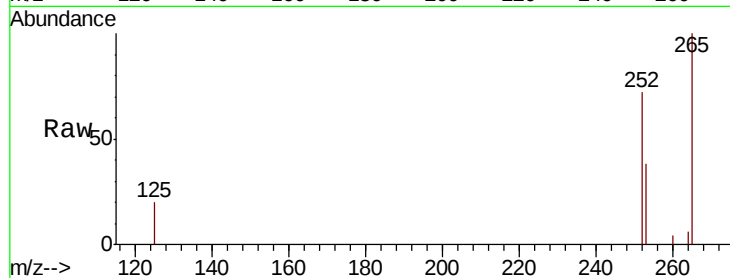
Tot Ion:252 Resp: 1618

Ion Ratio Lower Upper

252 100

253 53.0 25.4 38.0#

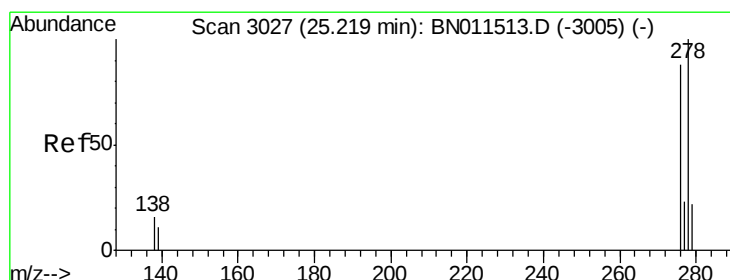
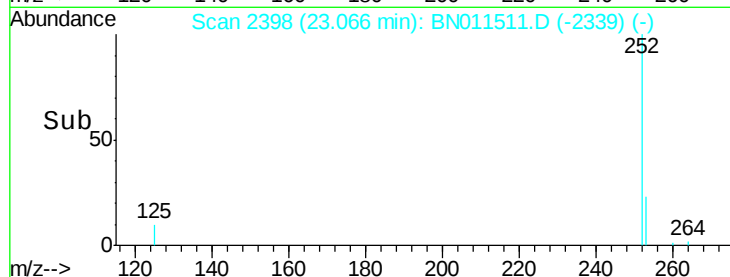
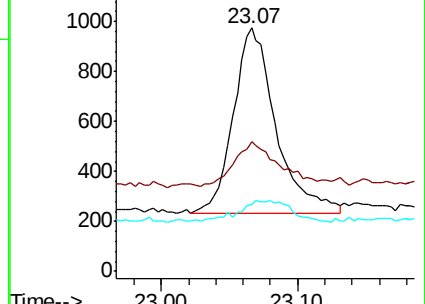
125 27.4 11.6 17.4#



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



#40

Dibenzo(a,h)anthracene

Concen: 0.115 ng

RT: 25.22 min Scan# 3028

Delta R.T. 0.00 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

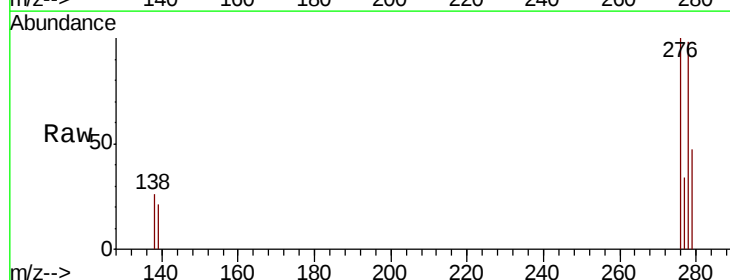
Tgt Ion:278 Resp: 1642

Ion Ratio Lower Upper

278 100

139 21.6 11.1 16.7#

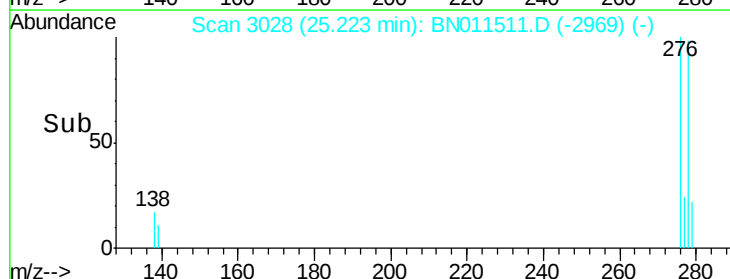
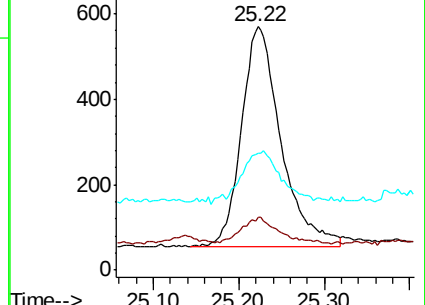
279 48.1 23.3 34.9#

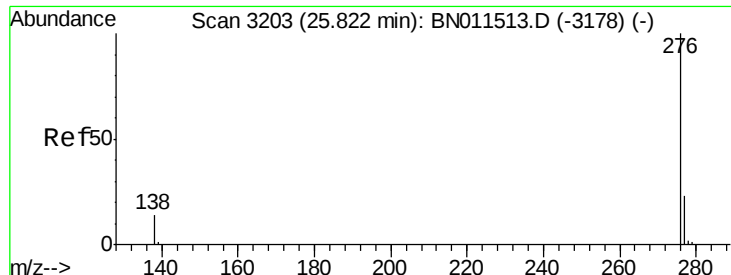


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.122 ng

RT: 25.83 min Scan# 3205

Delta R.T. 0.01 min

Lab File: BN011511.D

Acq: 19 Aug 2020 11:36

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

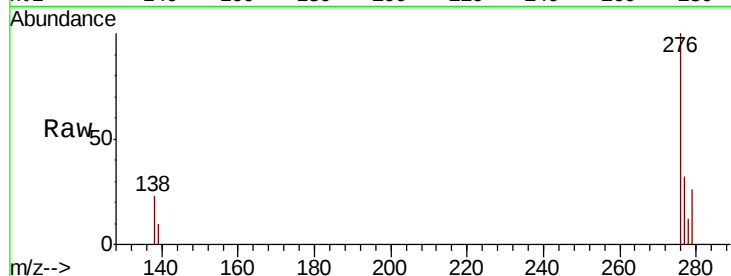
Tot Ion: 276 Resp: 1936

Ion Ratio Lower Upper

276 100

277 31.8 20.5 30.7#

138 22.9 13.2 19.8#



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

800

600

400

200

0

25.70 25.80 25.90

25.83

Time-->

