

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
 Data File : BN011076.D
 Acq On : 30 Jun 2020 11:43
 Operator : CG/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jun 30 12:28:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 11:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1816	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	5888	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3099	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6233	0.40	ng	-0.01
29) Chrysene-d12	21.10	240	6343	0.40	ng	-0.01
36) Perylene-d12	23.25	264	5483	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	3816	0.75	ng	0.00
5) Phenol-d6	6.72	99	4349	0.72	ng	0.00
8) Nitrobenzene-d5	8.66	82	4045	0.75	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	7824	0.75	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	964	0.71	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	11992	0.83	ng	0.00
27) Fluoranthene-d10	18.93	212	14221	0.72	ng	0.00
31) Terphenyl-d14	19.55	244	11914	0.70	ng	0.00

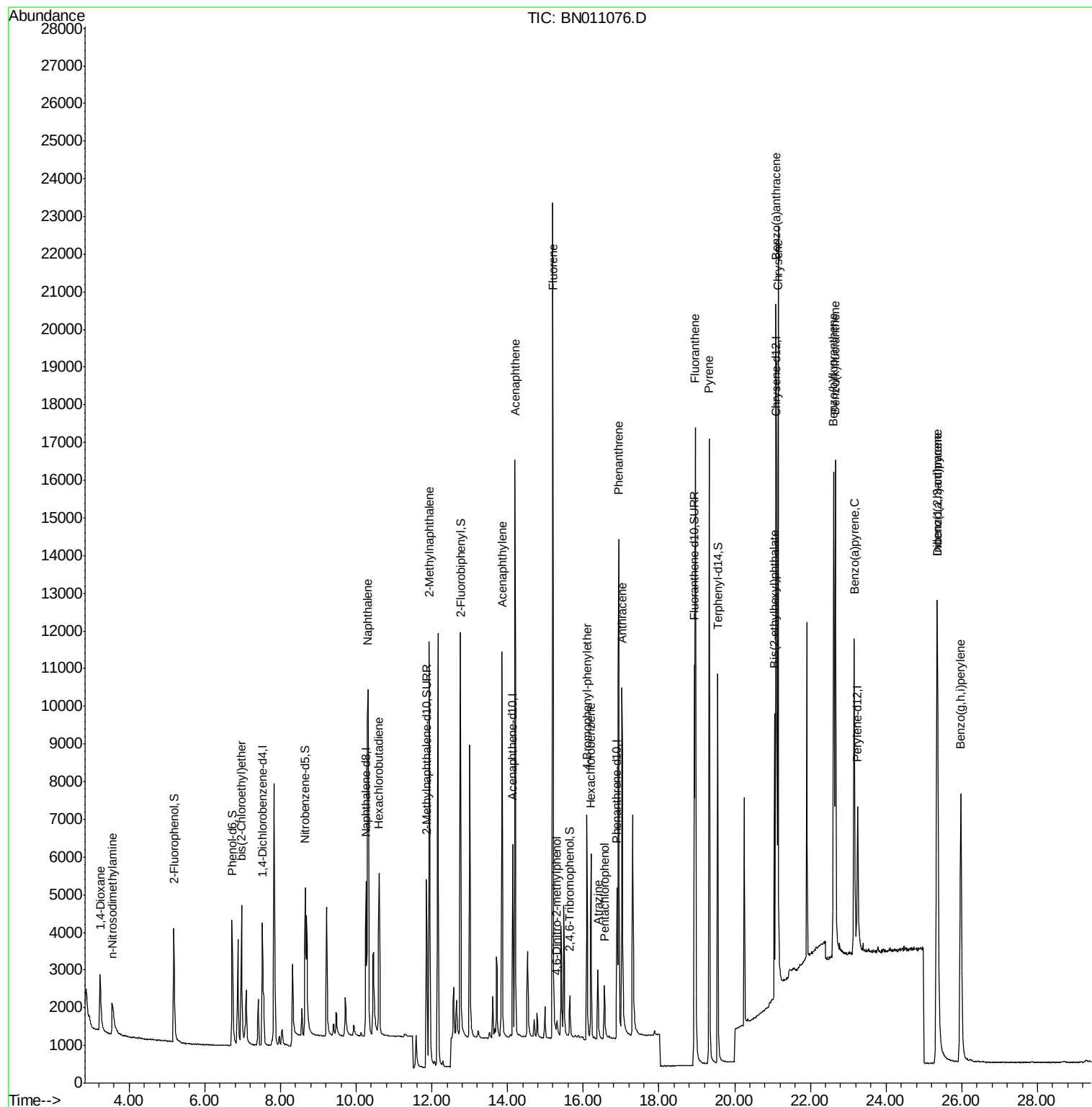
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	2116	0.867	ng	98
3) n-Nitrosodimethylamine	3.55	42	1063	0.780	ng	# 96
6) bis(2-Chloroethyl)ether	6.97	93	3702	0.707	ng	99
9) Naphthalene	10.32	128	13679	0.765	ng	98
10) Hexachlorobutadiene	10.61	225	3378	0.784	ng	# 100
12) 2-Methylnaphthalene	11.93	142	8962	0.748	ng	99
16) Acenaphthylene	13.85	152	11840	0.758	ng	99
17) Acenaphthene	14.20	154	8005	0.763	ng	99
18) Fluorene	15.20	166	9997	0.747	ng	99
20) 4,6-Dinitro-2-methylphenol	15.30	198	514	0.492	ng	# 77
21) 4-Bromophenyl-phenylether	16.10	248	3135	0.727	ng	92
22) Hexachlorobenzene	16.20	284	3665	0.769	ng	97
23) Atrazine	16.39	200	2200	0.691	ng	97
24) Pentachlorophenol	16.56	266	985	0.654	ng	95
25) Phenanthrene	16.93	178	15186	0.723	ng	100
26) Anthracene	17.02	178	12662	0.726	ng	99
28) Fluoranthene	18.97	202	17227	0.718	ng	100
30) Pyrene	19.33	202	17133	0.702	ng	99
32) Benzo(a)anthracene	21.09	228	16425	0.747	ng	99
33) Chrysene	21.14	228	18269	0.763	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	6138	0.695	ng	99
35) Indeno(1,2,3-cd)pyrene	25.35	276	17811	0.668	ng	99
37) Benzo(b)fluoranthene	22.62	252	16505	0.761	ng	95
38) Benzo(k)fluoranthene	22.66	252	17361	0.770	ng	94
39) Benzo(a)pyrene	23.16	252	14189	0.737	ng	92
40) Dibenzo(a,h)anthracene	25.36	278	14241	0.686	ng	94
41) Benzo(g,h,i)perylene	25.98	276	15705	0.730	ng	96

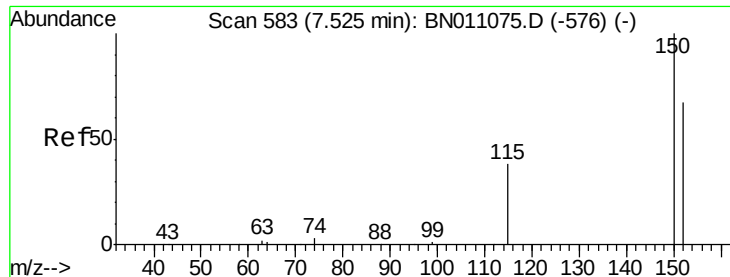
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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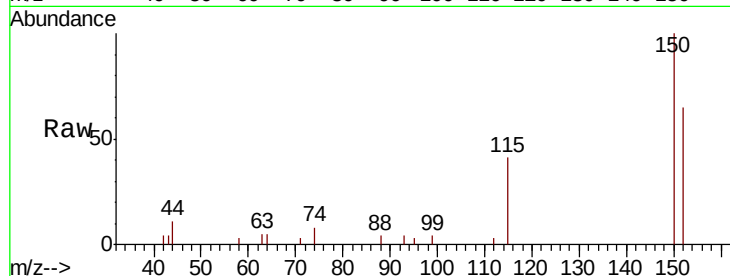


#1

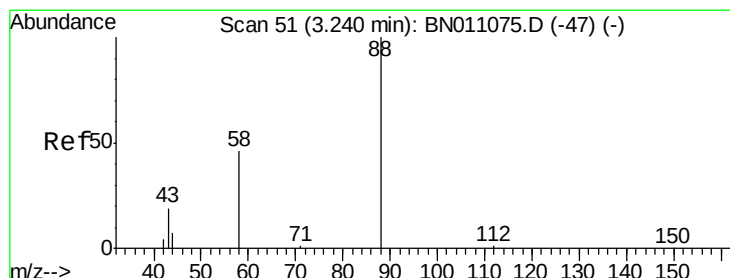
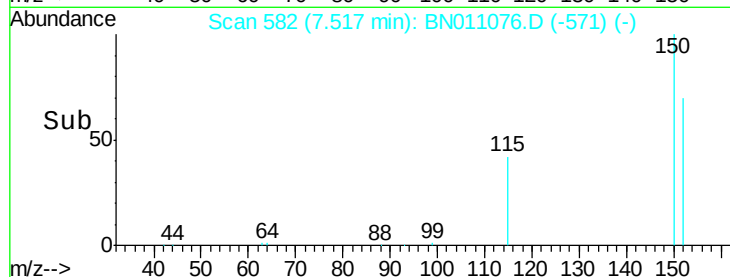
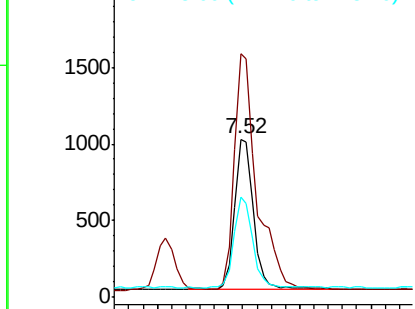
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011076.D
Acq: 30 Jun 2020 11:43

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 1816
Ion Ratio Lower Upper
152 100
150 153.7 117.4 176.0
115 63.6 47.9 71.9



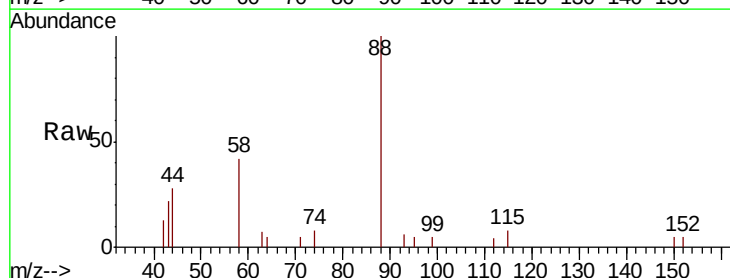
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



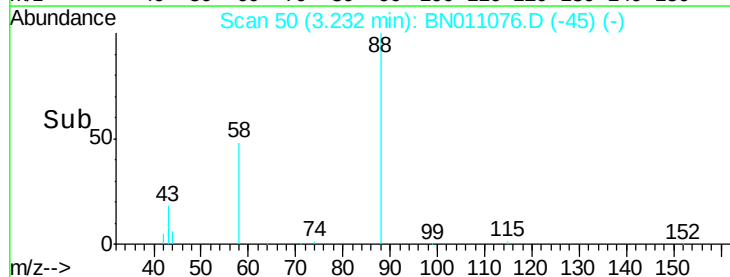
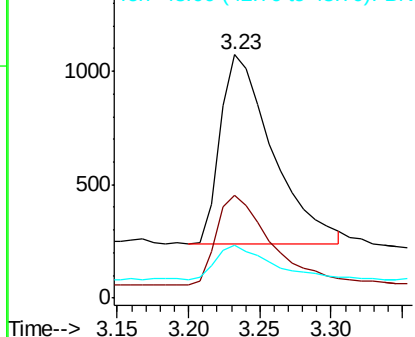
#2

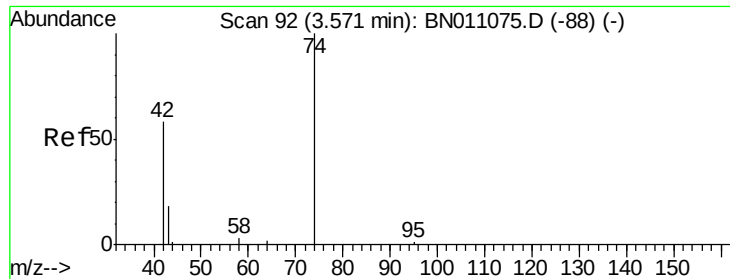
1,4-Dioxane
Concen: 0.867 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011076.D
Acq: 30 Jun 2020 11:43

Tgt Ion: 88 Resp: 2116
Ion Ratio Lower Upper
88 100
58 49.3 38.6 57.8
43 19.8 15.4 23.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



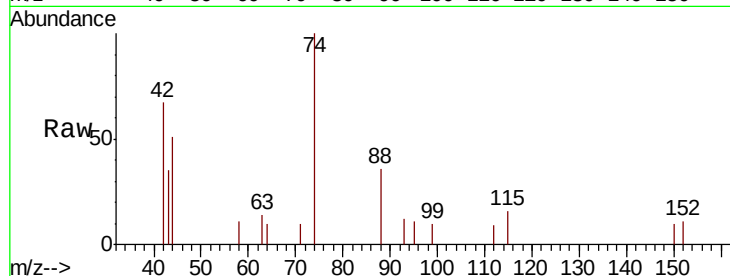


#3

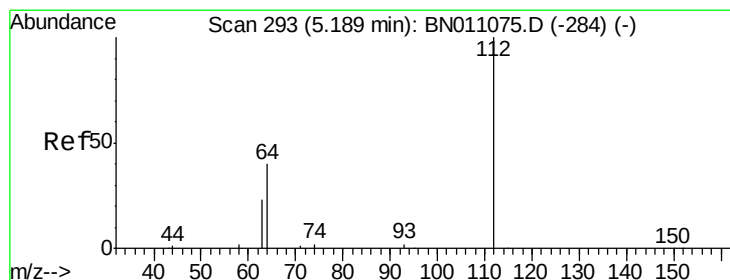
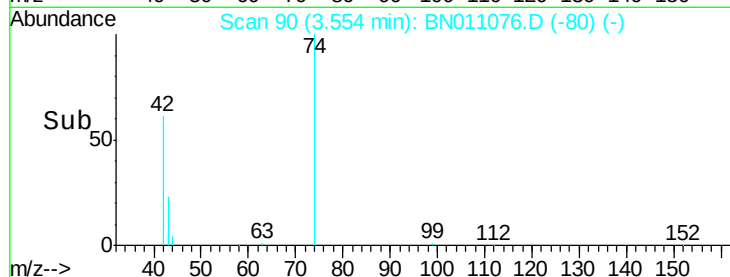
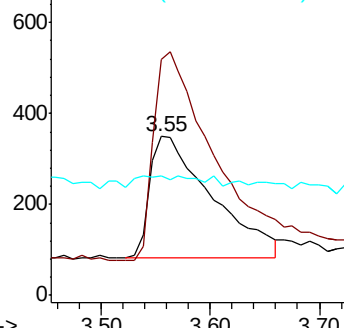
n-Nitrosodimethylamine
 Concen: 0.780 ng
 RT: 3.55 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BN011076.D
 Acq: 30 Jun 2020 11:43

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Tot Ion	42	Resp	1063
Ion	Ratio	Lower	Upper
42	100		
74	171.9	142.5	213.7
44	0.0	0.0	0.0



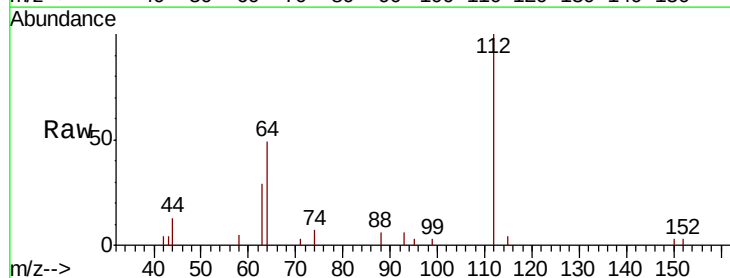
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



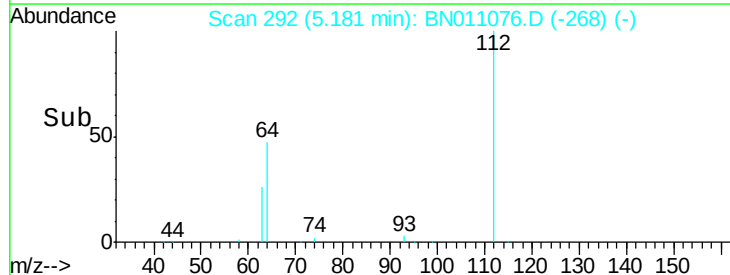
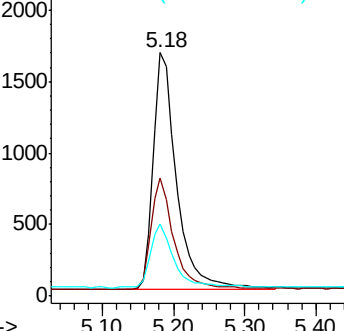
#4

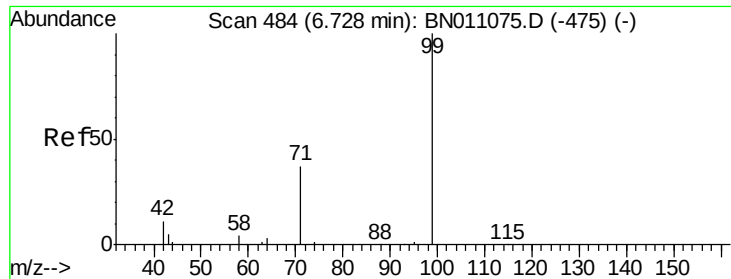
2-Fluorophenol
 Concen: 0.745 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: BN011076.D
 Acq: 30 Jun 2020 11:43

Tgt Ion	112	Resp	3816
Ion	Ratio	Lower	Upper
112	100		
64	45.4	36.5	54.7
63	26.8	20.6	30.8



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: 0.718 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

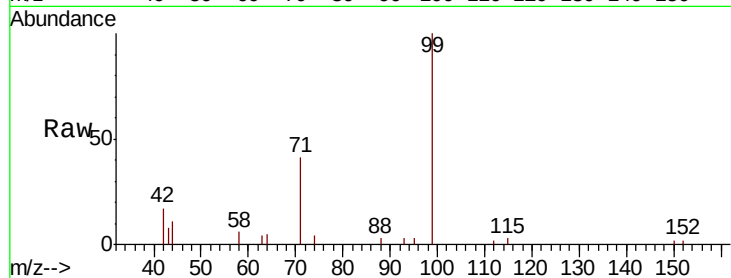
Tot Ion: 99 Resp: 4349

Ion Ratio Lower Upper

99 100

42 13.9 9.8 14.8

71 37.3 30.7 46.1



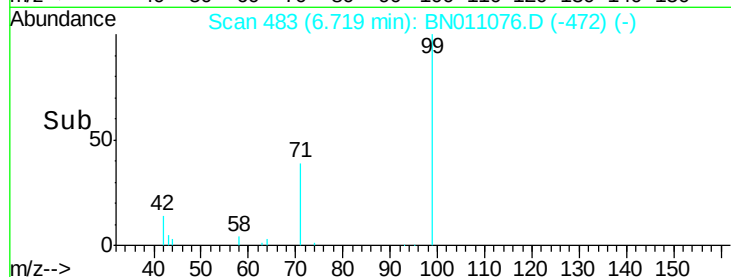
Abundance Ion 99.00 (98.70 to 99.70): BN011075.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011075.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011075.D (-475) (-)

6.72

Time-->



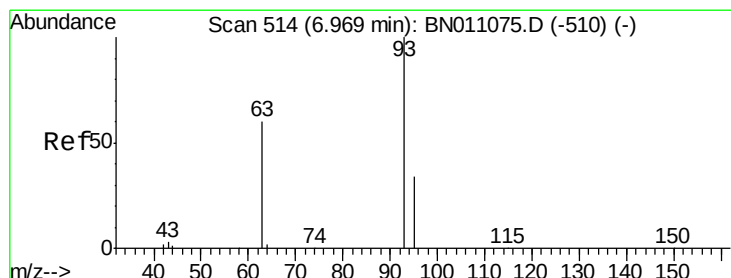
Abundance Ion 93.00 (92.70 to 93.70): BN011075.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011075.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011075.D (-510) (-)

6.97

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.707 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

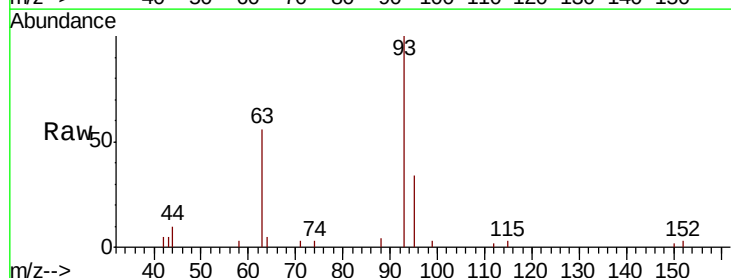
Tgt Ion: 93 Resp: 3702

Ion Ratio Lower Upper

93 100

63 57.8 47.4 71.2

95 33.0 26.4 39.6



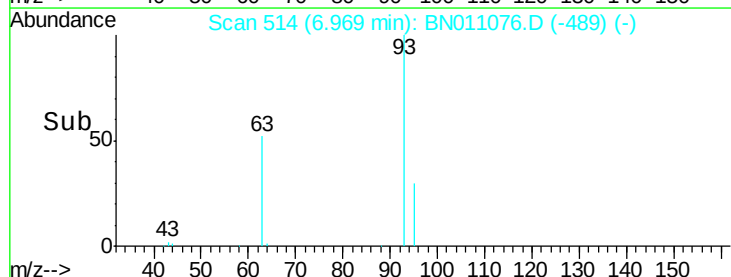
Abundance Ion 93.00 (92.70 to 93.70): BN011075.D (-510) (-)

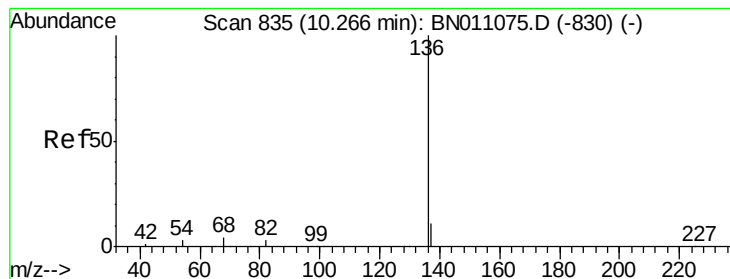
Ion 63.00 (62.70 to 63.70): BN011075.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011075.D (-510) (-)

6.97

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 5888

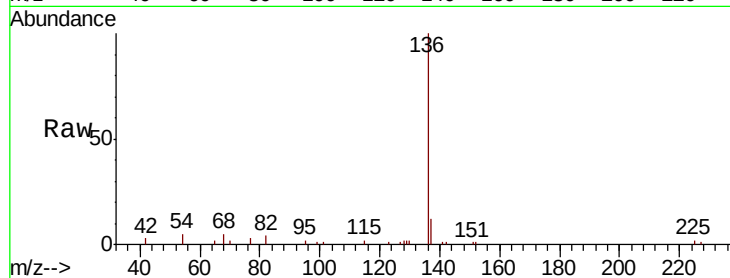
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 4.6 3.8 5.6

68 4.7 4.3 6.5

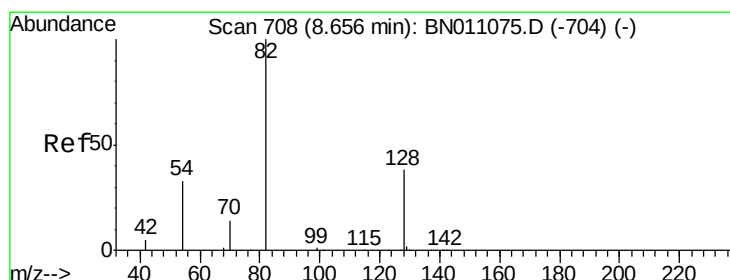
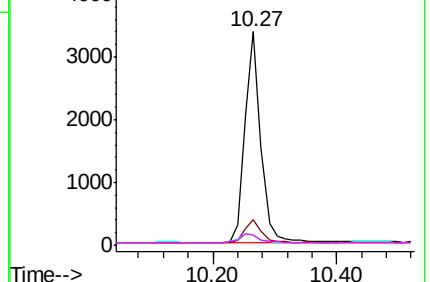
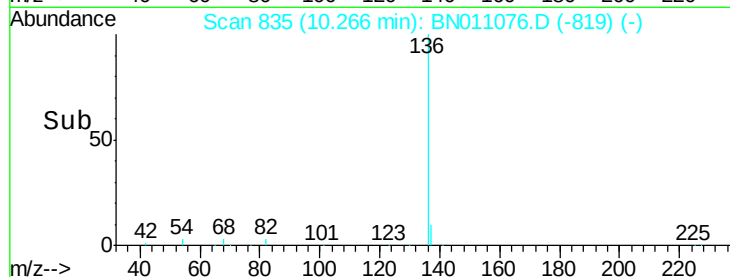


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.754 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

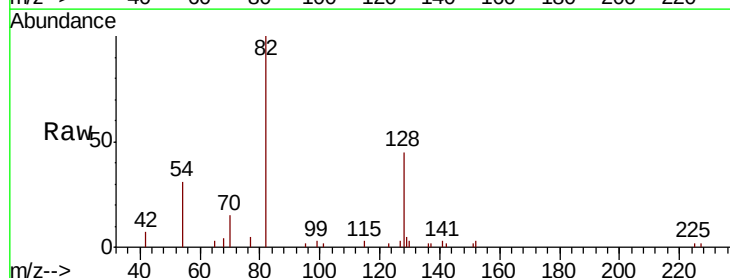
Tgt Ion: 82 Resp: 4045

Ion Ratio Lower Upper

82 100

128 45.3 34.2 51.2

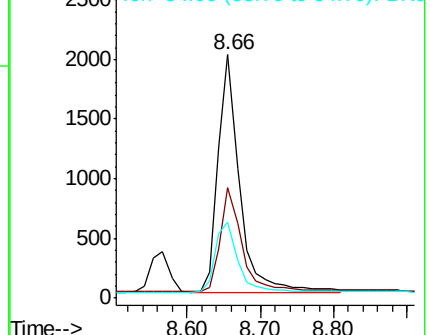
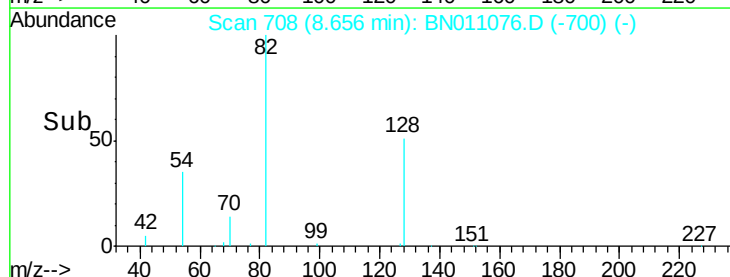
54 31.3 29.4 44.0

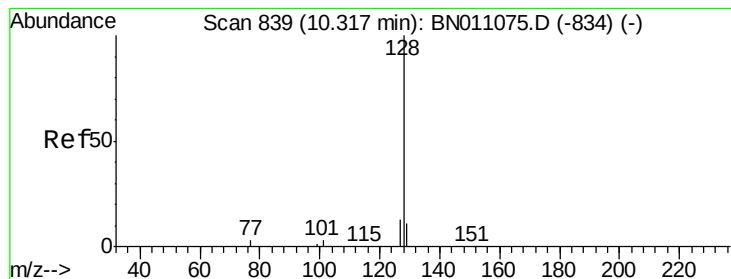


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.765 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

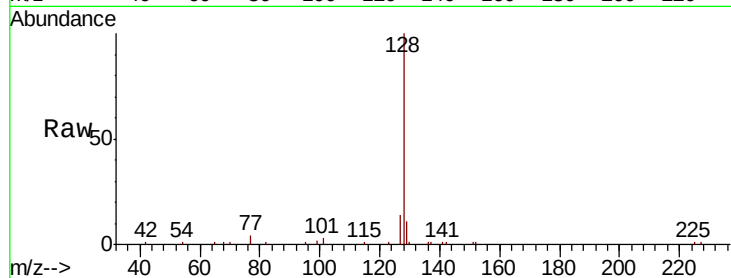
Tot Ion:128 Resp: 13679

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

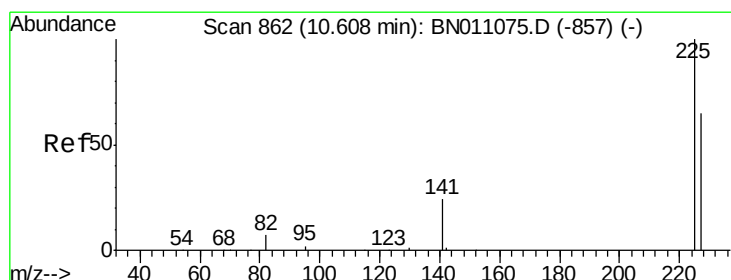
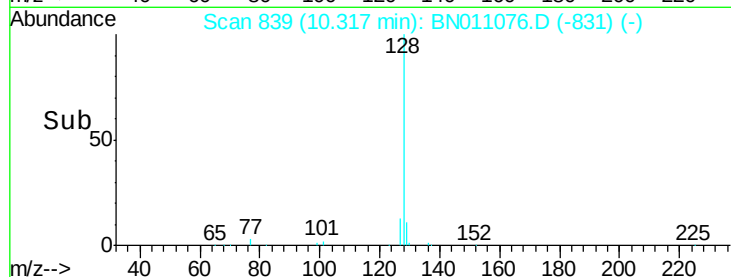
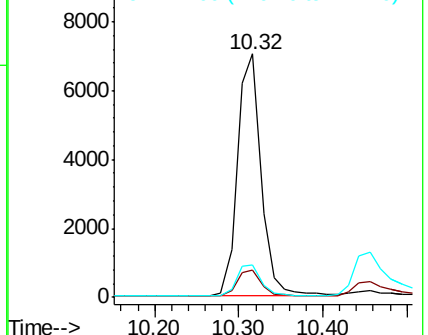
127 13.5 11.3 16.9



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: 0.784 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

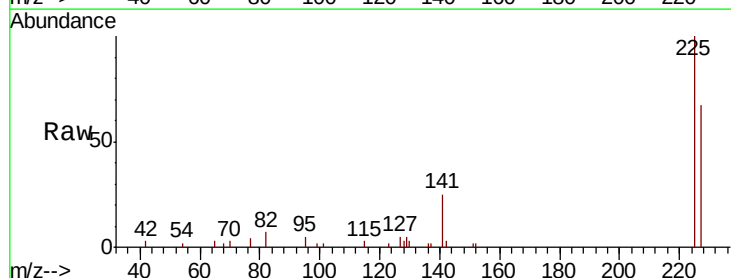
Tgt Ion:225 Resp: 3378

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

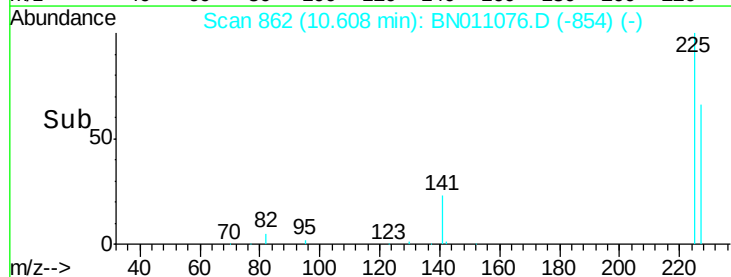
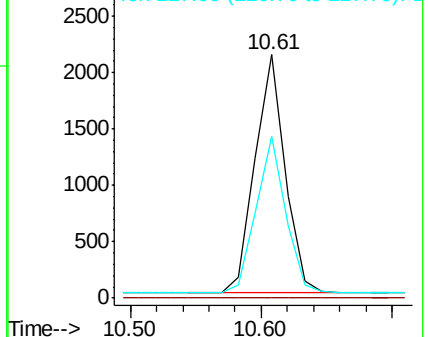
227 64.4 51.4 77.2

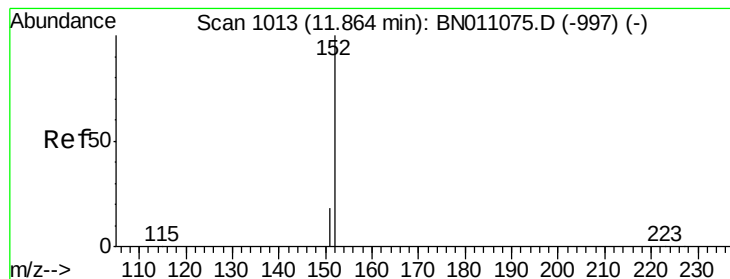


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.753 ng

RT: 11.86 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

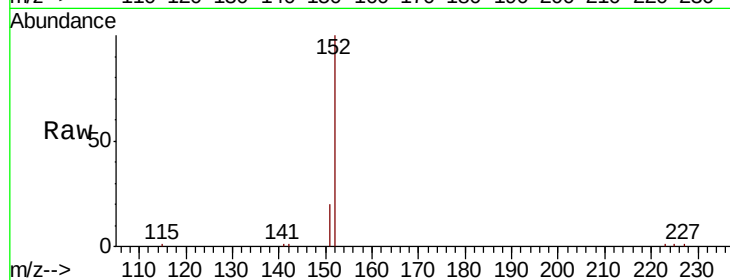
SSTDIC0.8

Tot Ion:152 Resp: 7824

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86

4000

3000

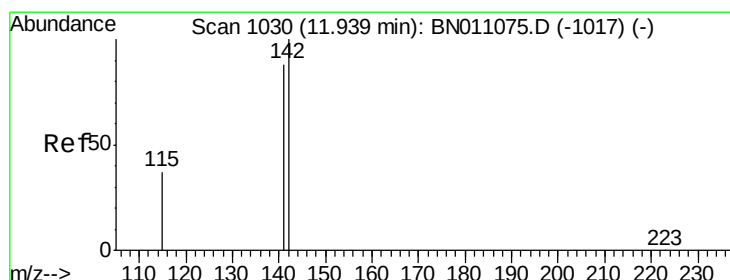
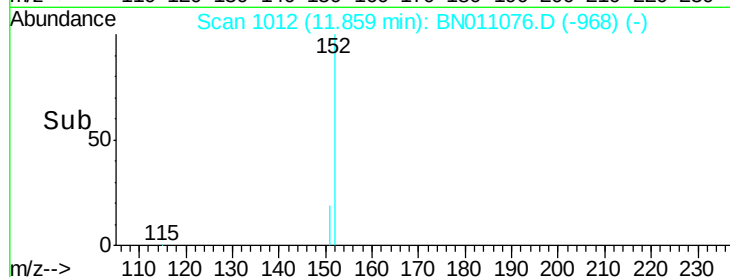
2000

1000

0

Time-->

11.80 11.86 11.90 11.96 12.00



#12

2-Methylnaphthalene

Concen: 0.748 ng

RT: 11.93 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

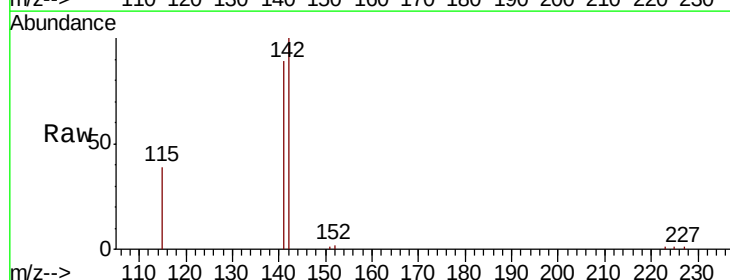
Tgt Ion:142 Resp: 8962

Ion Ratio Lower Upper

142 100

141 89.1 70.3 105.5

115 38.5 31.2 46.8



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

11.93

6000

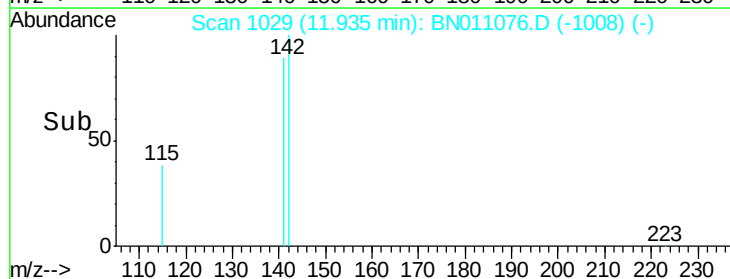
4000

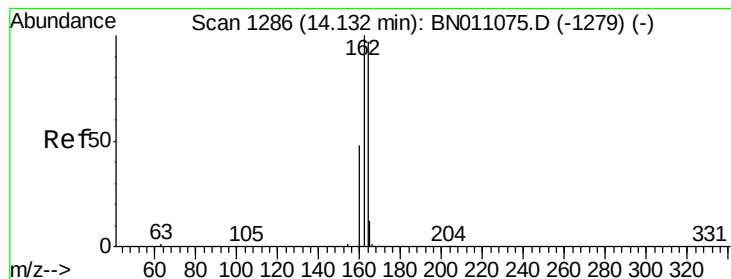
2000

0

Time-->

11.80 11.90 11.93 11.96 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

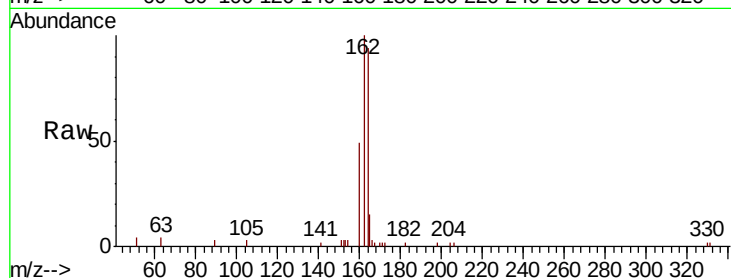
Tot Ion:164 Resp: 3099

Ion Ratio Lower Upper

164 100

162 106.4 82.3 123.5

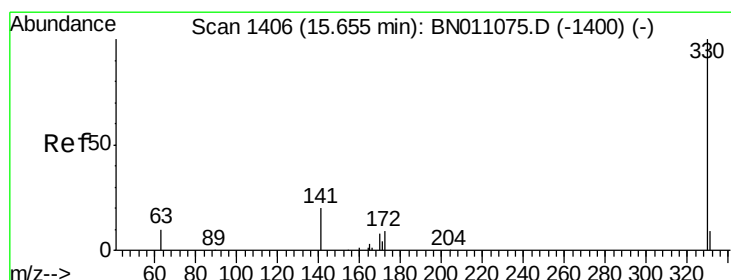
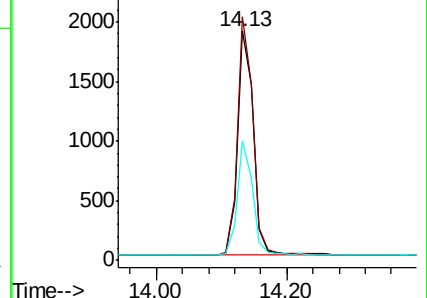
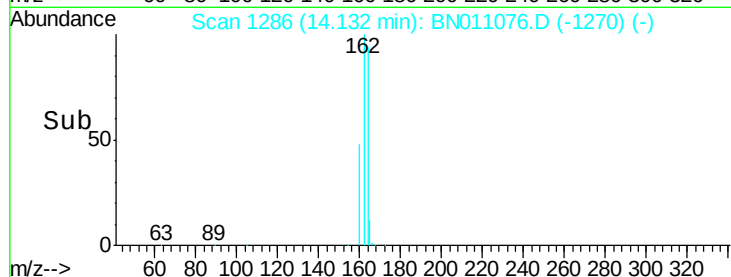
160 52.1 40.6 61.0



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: 0.708 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

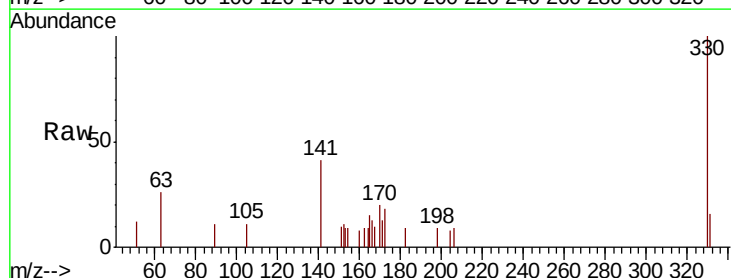
Tgt Ion:330 Resp: 964

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

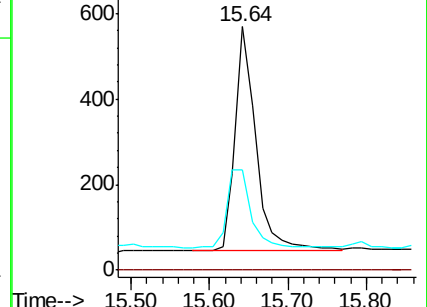
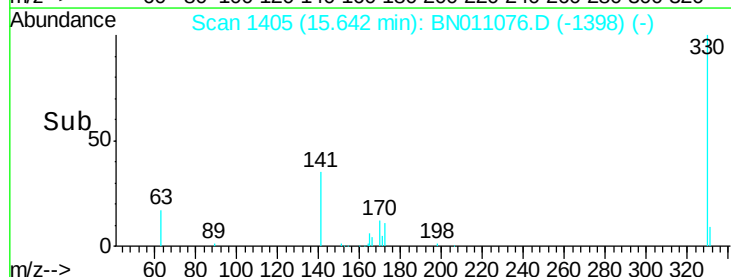
141 40.9 32.6 49.0

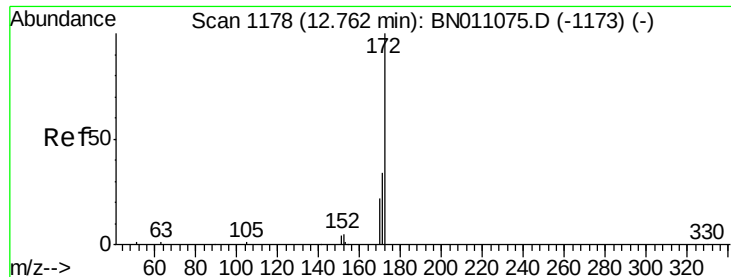


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

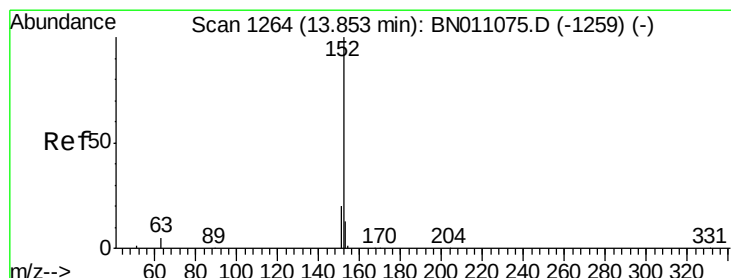
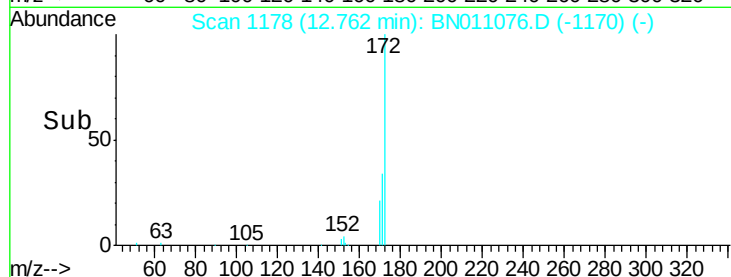
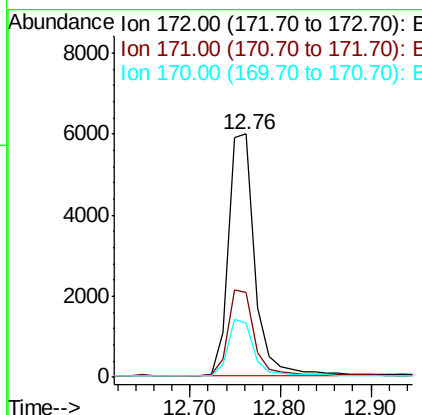
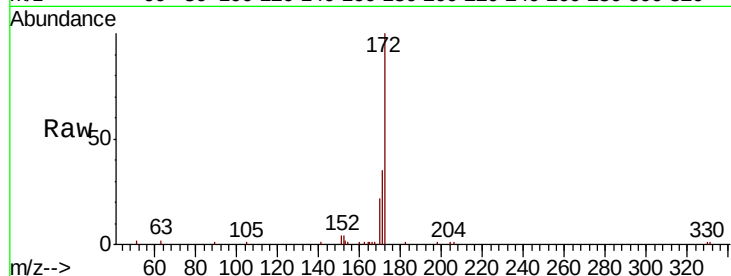




#15
2-Fluorobiphenyl
Concen: 0.830 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011076.D
Acq: 30 Jun 2020 11:43

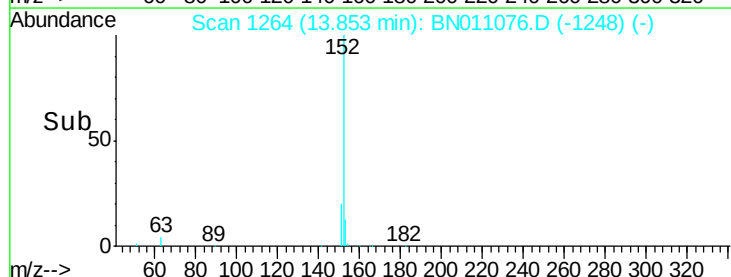
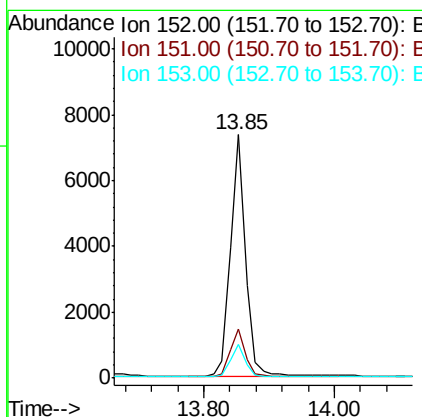
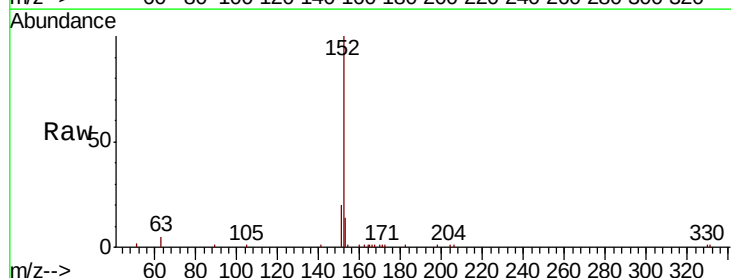
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

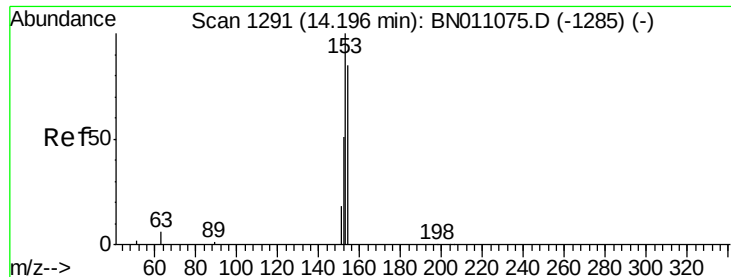
Tot Ion:172 Resp: 11992
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.758 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011076.D
Acq: 30 Jun 2020 11:43

Tgt Ion:152 Resp: 11840
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.1 10.8 16.2





#17

Acenaphthene

Concen: 0.763 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

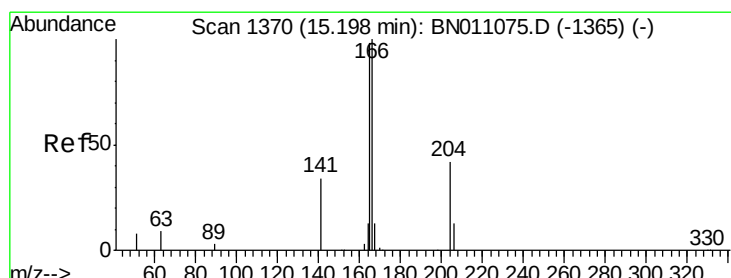
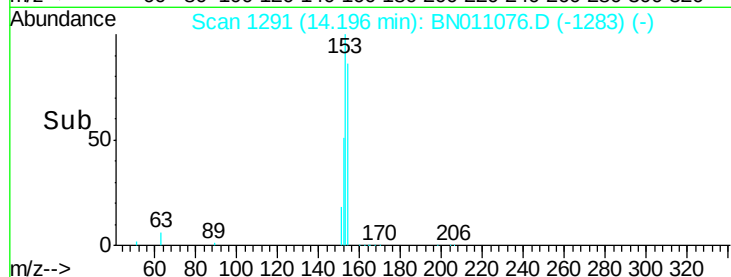
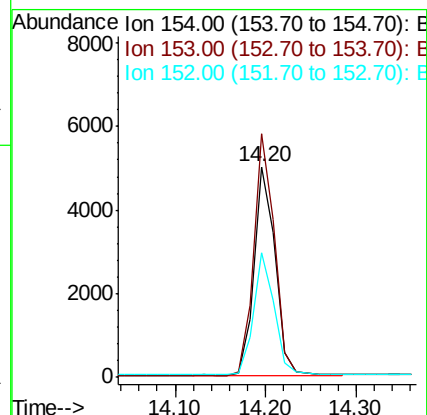
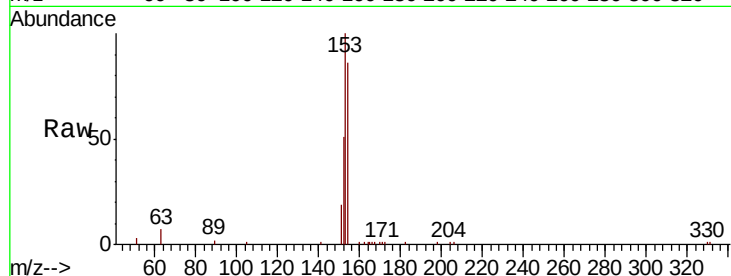
Tot Ion:154 Resp: 8005

Ion Ratio Lower Upper

154 100

153 115.0 91.7 137.5

152 57.8 46.8 70.2



#18

Fluorene

Concen: 0.747 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

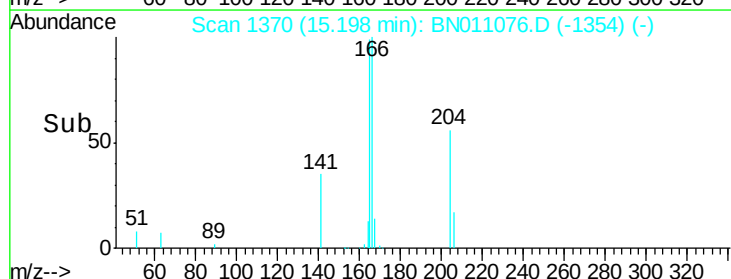
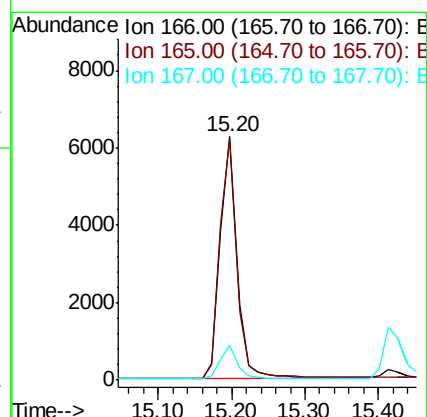
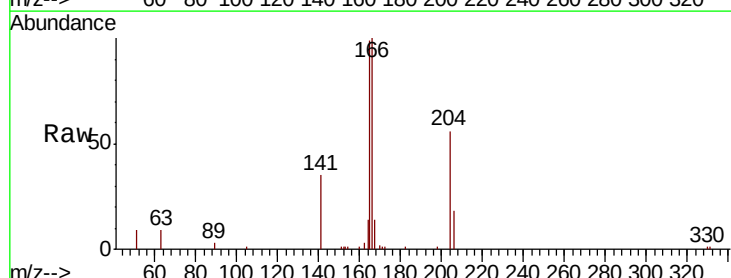
Tgt Ion:166 Resp: 9997

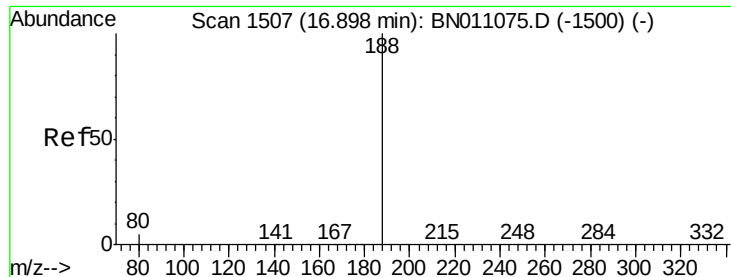
Ion Ratio Lower Upper

166 100

165 99.9 78.9 118.3

167 13.7 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.89 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

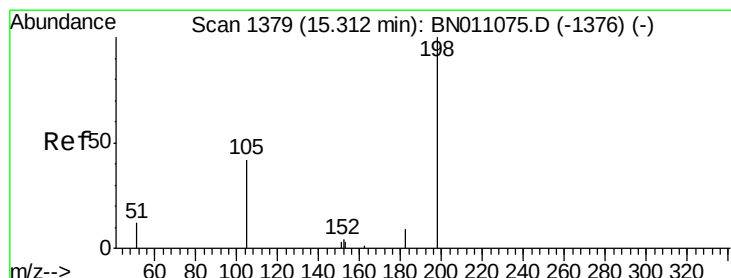
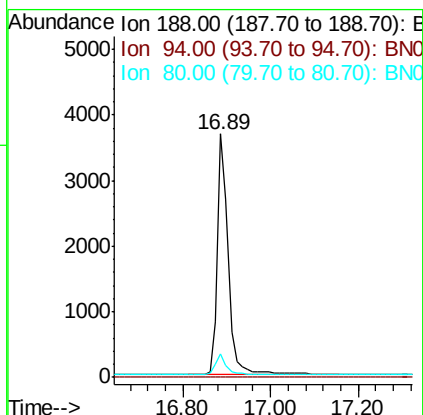
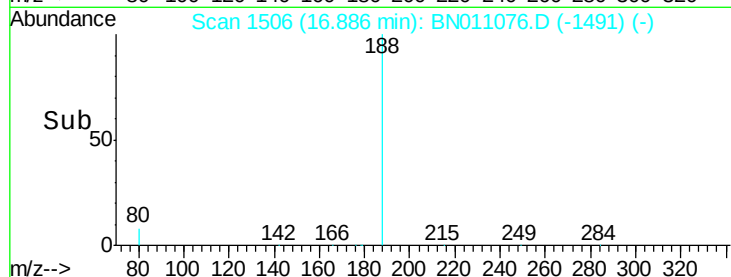
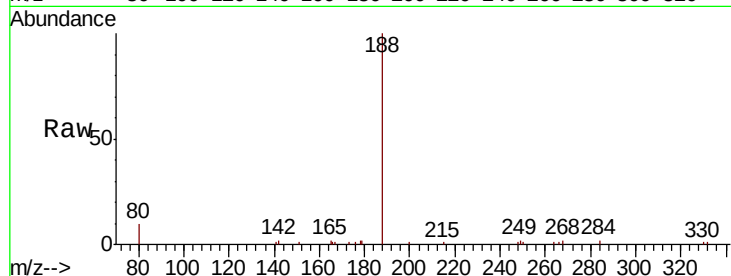
Tot Ion:188 Resp: 6233

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 5.3 7.9#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.492 ng

RT: 15.30 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

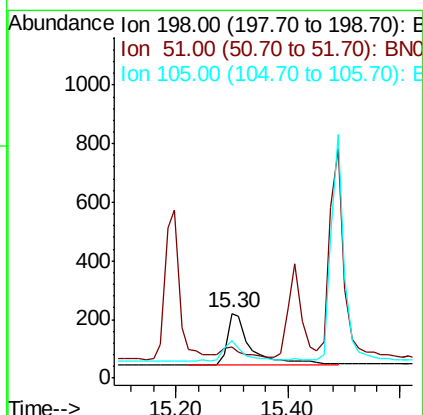
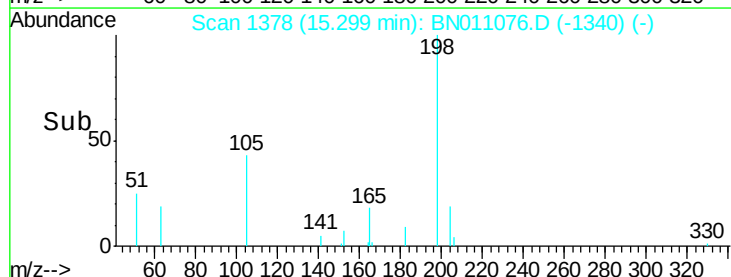
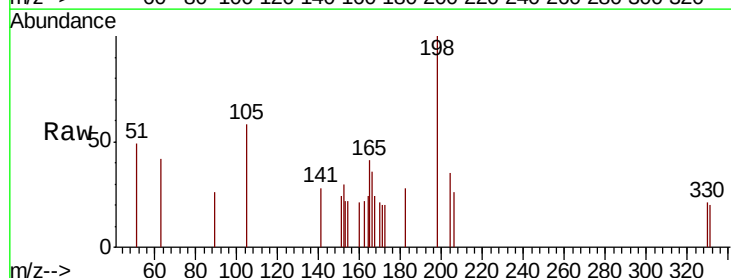
Tgt Ion:198 Resp: 514

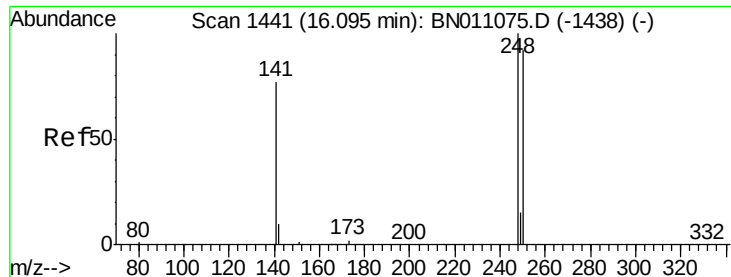
Ion Ratio Lower Upper

198 100

51 49.1 58.2 87.4#

105 58.2 59.0 88.4#

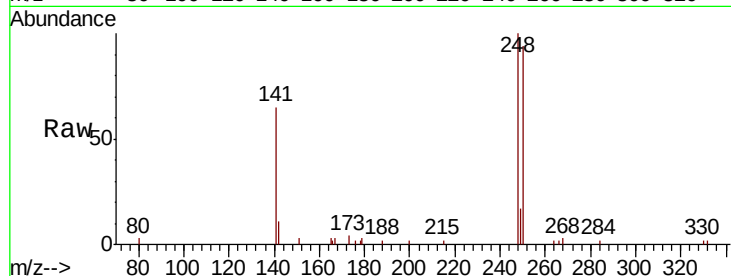




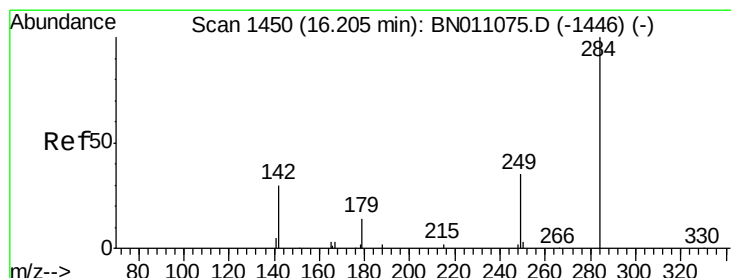
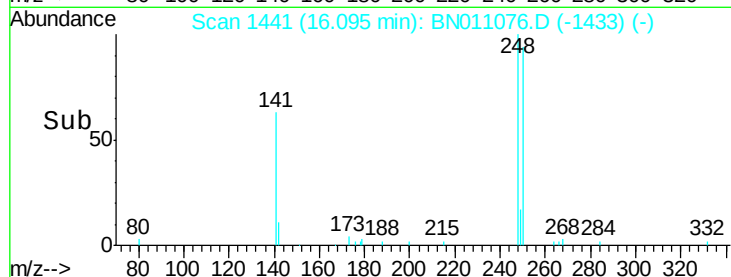
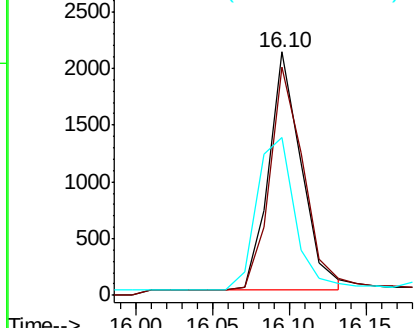
#21
4-Bromophenyl-phenylether
Concen: 0.727 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011076.D
Acq: 30 Jun 2020 11:43

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:248 Resp: 3135
Ion Ratio Lower Upper
248 100
250 94.0 73.8 110.8
141 65.0 63.1 94.7

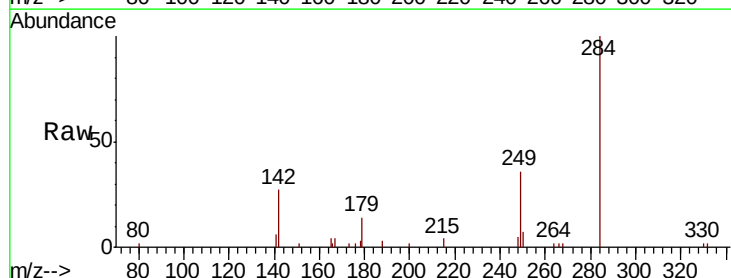


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

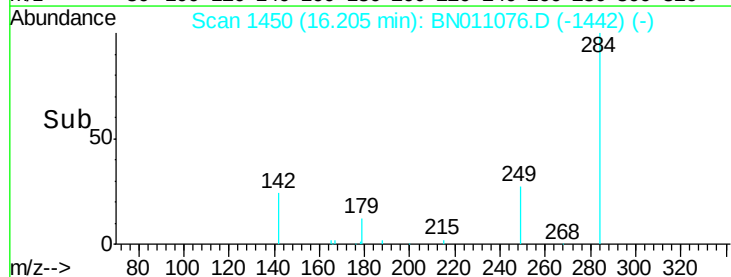
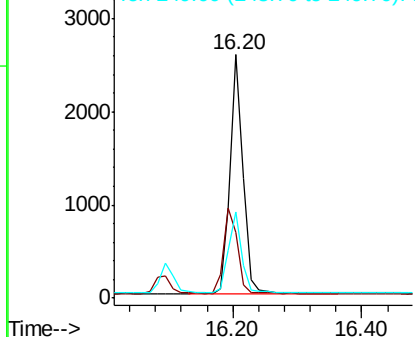


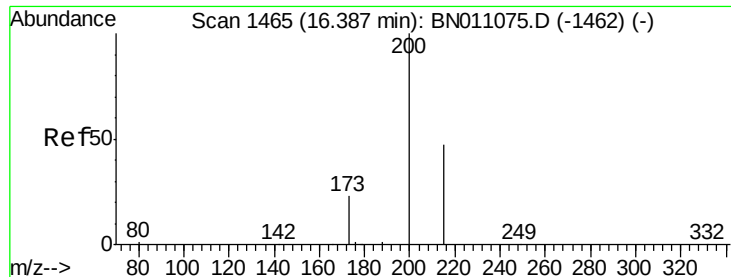
#22
Hexachlorobenzene
Concen: 0.769 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011076.D
Acq: 30 Jun 2020 11:43

Tgt Ion:284 Resp: 3665
Ion Ratio Lower Upper
284 100
142 38.3 33.3 49.9
249 34.4 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: 0.691 ng

RT: 16.39 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

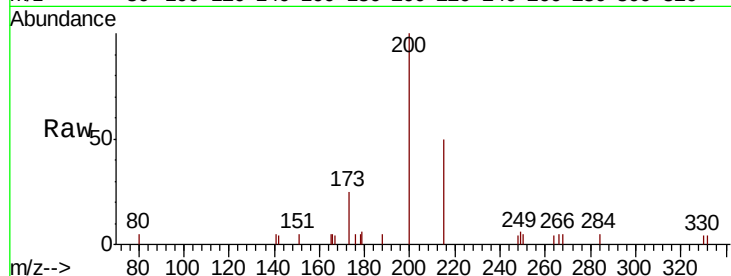
Tot Ion:200 Resp: 2200

Ion Ratio Lower Upper

200 100

173 24.9 22.8 34.2

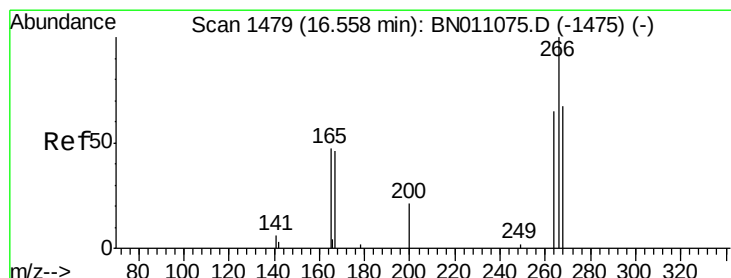
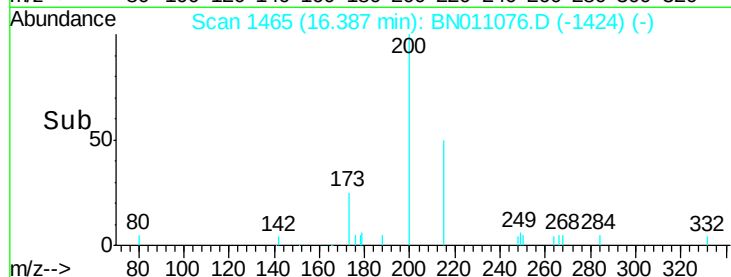
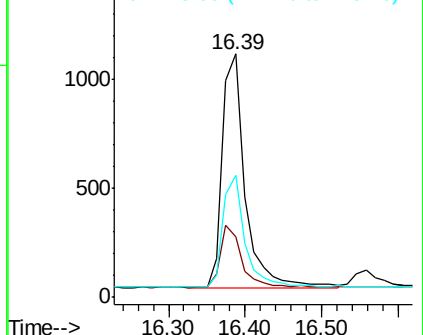
215 50.0 40.7 61.1



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: 0.654 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

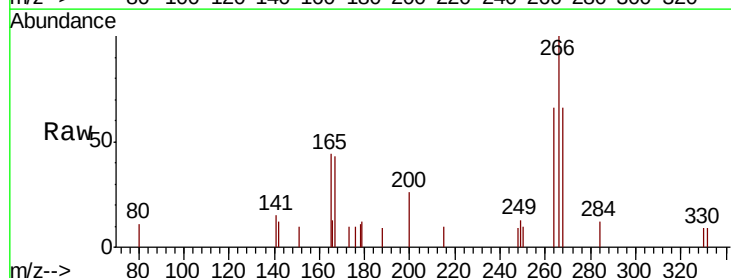
Tgt Ion:266 Resp: 985

Ion Ratio Lower Upper

266 100

264 61.9 47.4 71.0

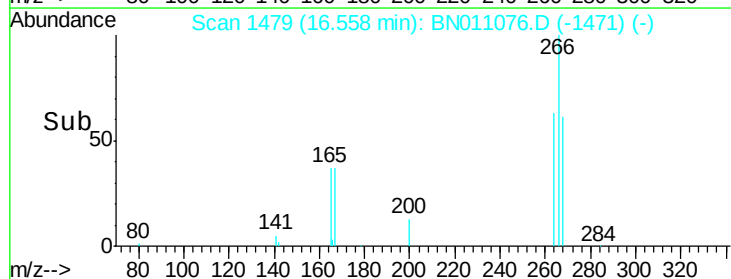
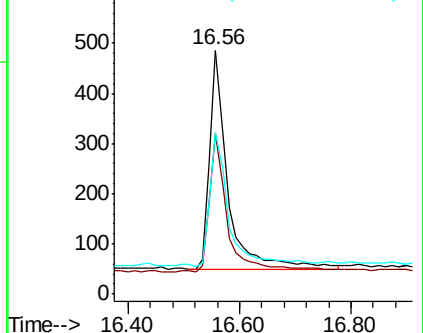
268 63.9 55.0 82.4

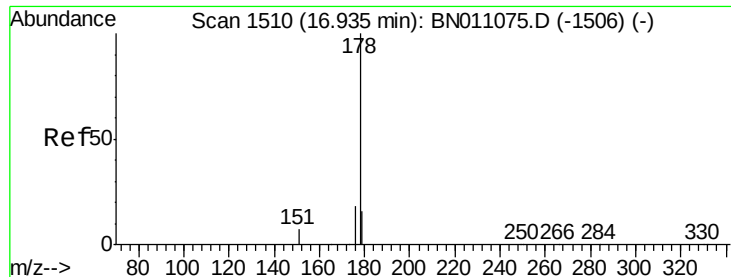


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.723 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

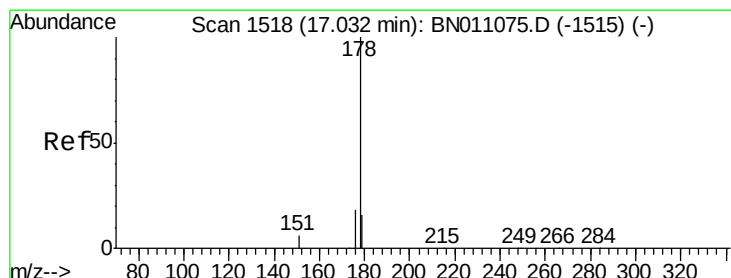
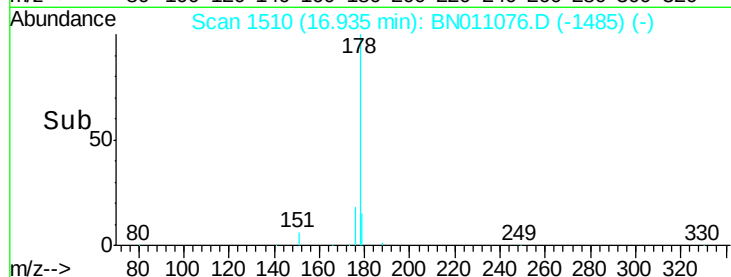
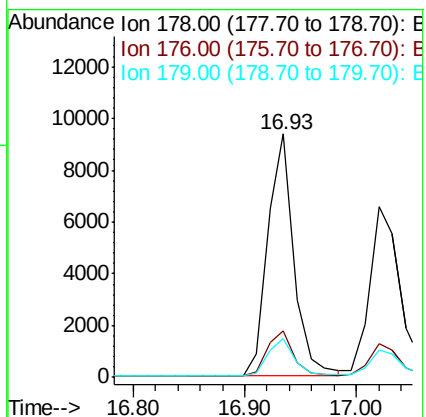
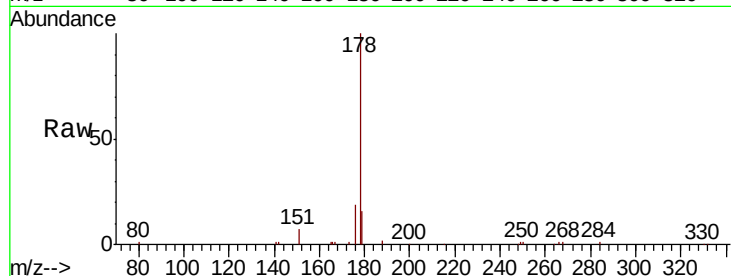
Tot Ion:178 Resp: 15186

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

179 15.5 12.5 18.7



#26

Anthracene

Concen: 0.726 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

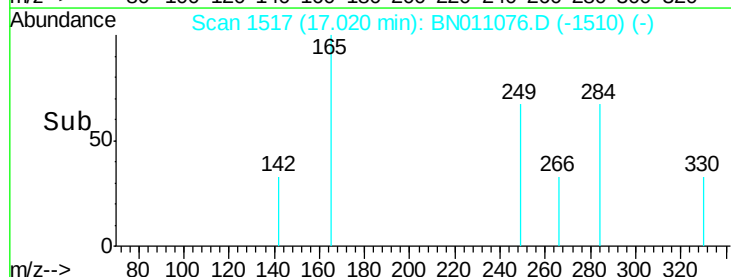
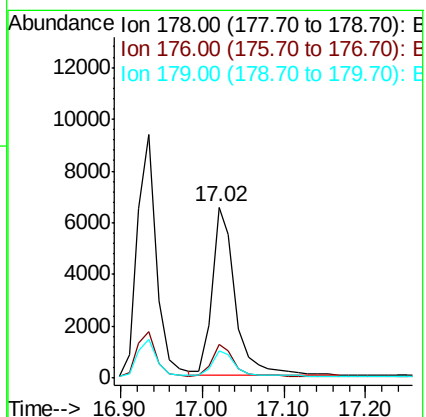
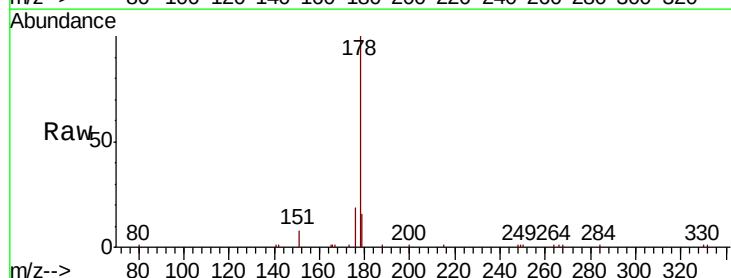
Tgt Ion:178 Resp: 12662

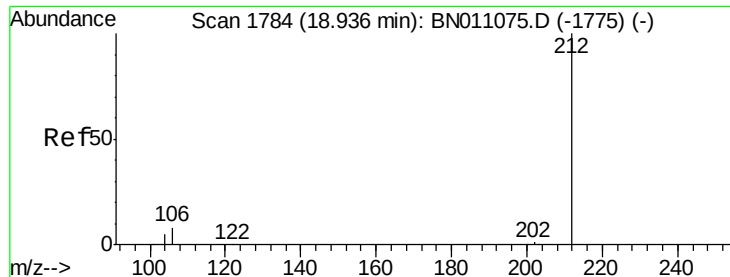
Ion Ratio Lower Upper

178 100

176 18.5 14.2 21.4

179 15.1 12.2 18.2

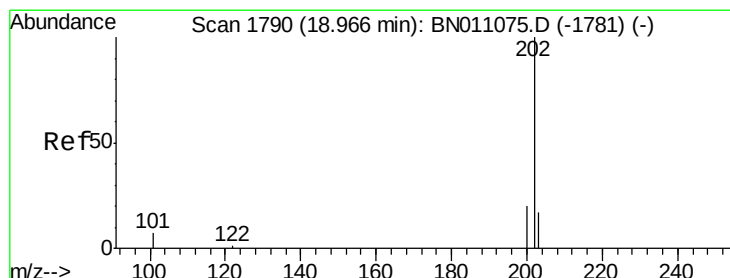
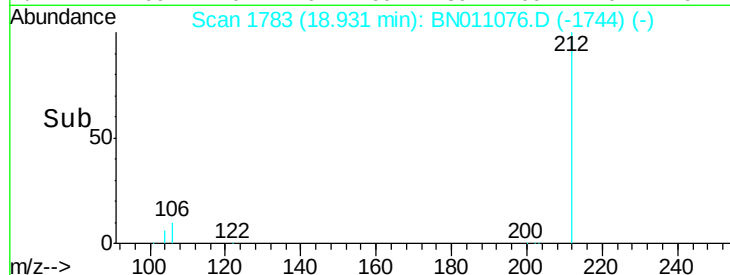
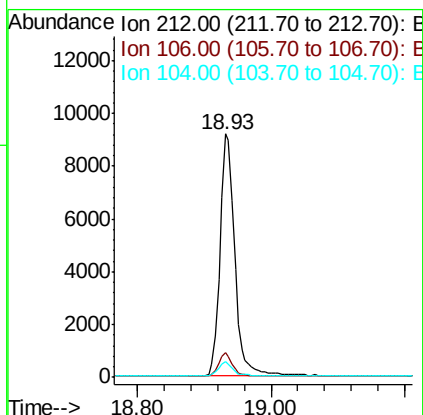
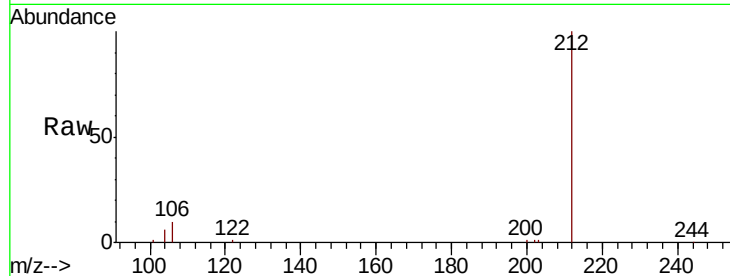




#27
 Fluoranthene-d10
 Concen: 0.721 ng
 RT: 18.93 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BN011076.D
 Acq: 30 Jun 2020 11:43

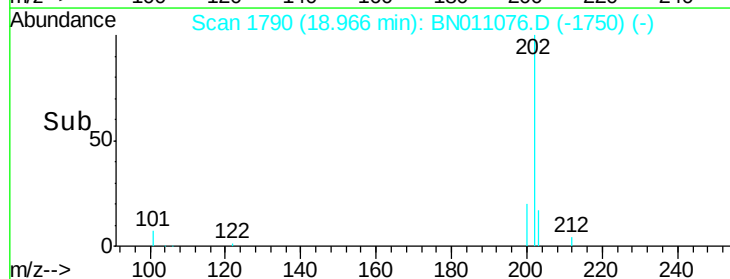
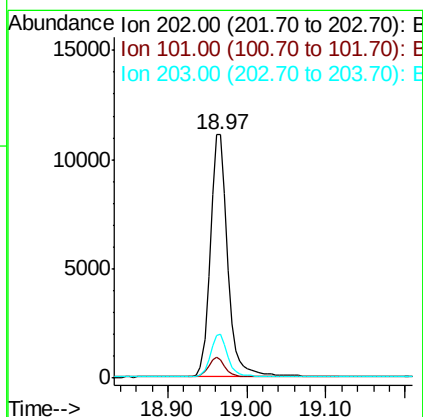
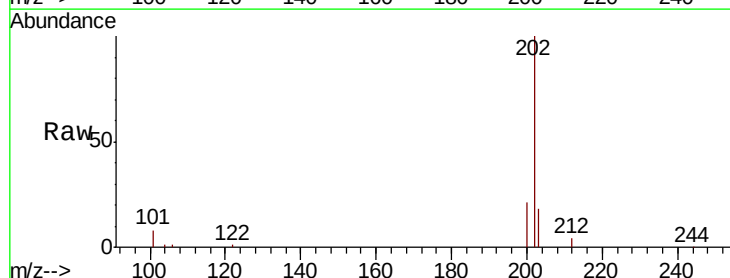
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

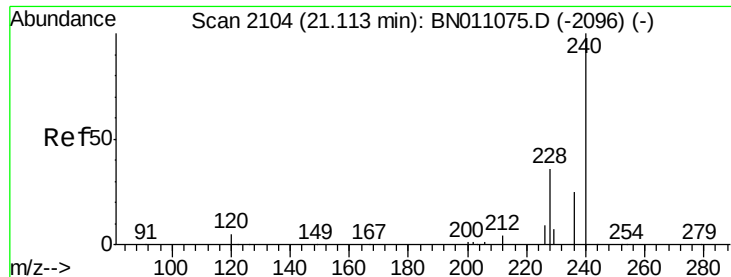
Tot Ion:212 Resp: 14221
 Ion Ratio Lower Upper
 212 100
 106 9.1 7.1 10.7
 104 5.6 4.2 6.4



#28
 Fluoranthene
 Concen: 0.718 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BN011076.D
 Acq: 30 Jun 2020 11:43

Tgt Ion:202 Resp: 17227
 Ion Ratio Lower Upper
 202 100
 101 8.0 6.3 9.5
 203 17.1 13.5 20.3

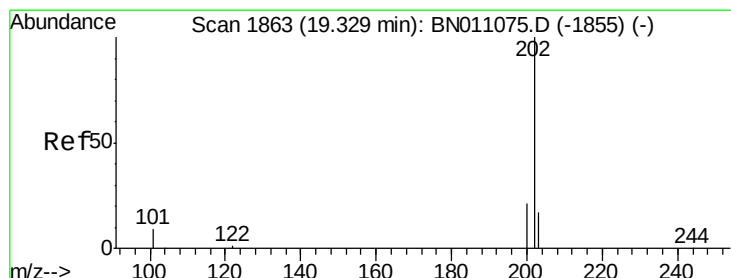
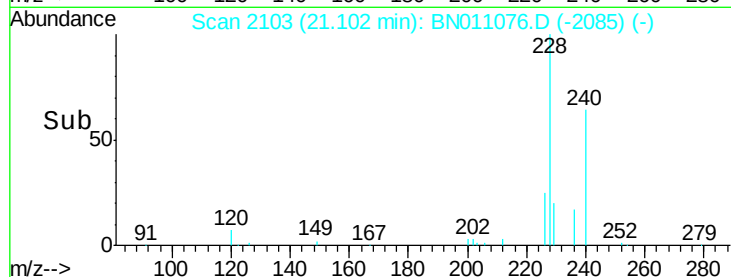
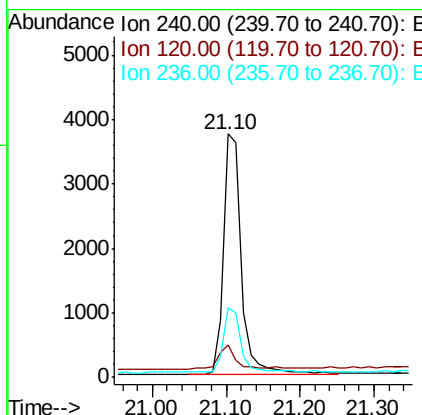
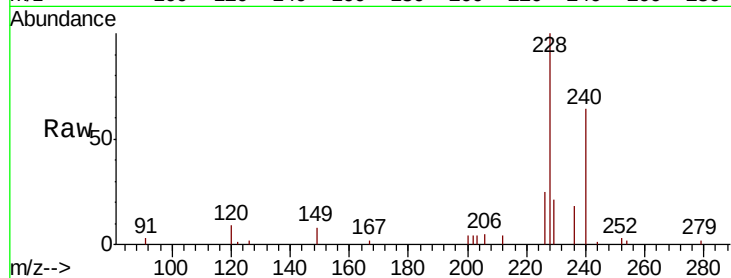




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011076.D
Acq: 30 Jun 2020 11:43

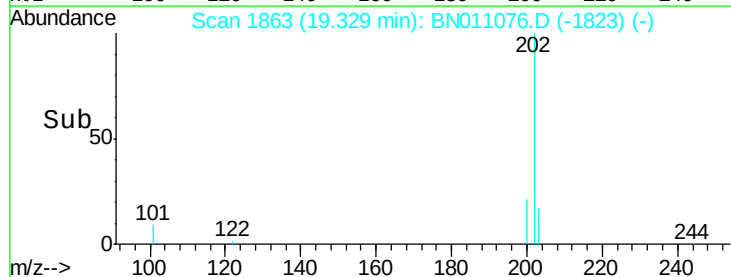
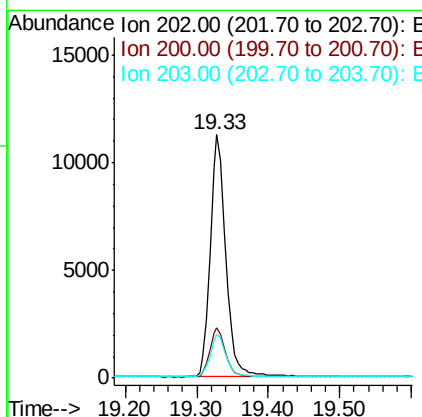
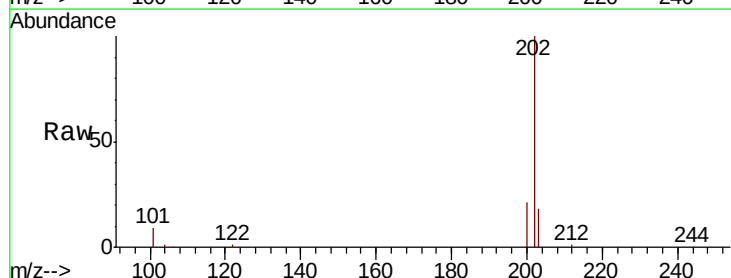
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

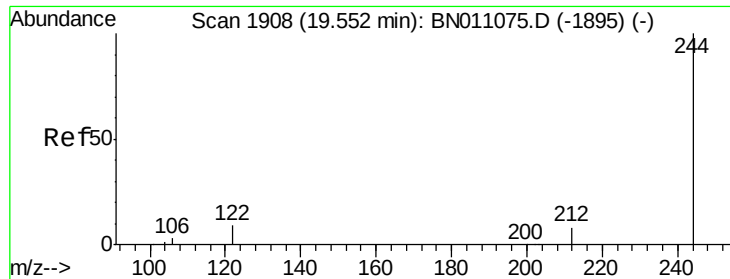
Tot Ion:240 Resp: 6343
Ion Ratio Lower Upper
240 100
120 13.6 6.5 9.7#
236 28.4 21.9 32.9



#30
Pyrene
Concen: 0.702 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011076.D
Acq: 30 Jun 2020 11:43

Tgt Ion:202 Resp: 17133
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 17.5 14.2 21.4





#31

Terphenyl-d14

Concen: 0.699 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

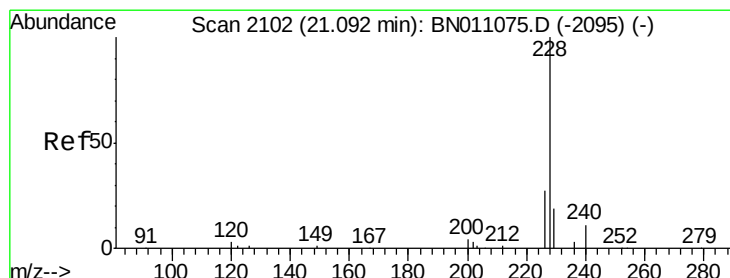
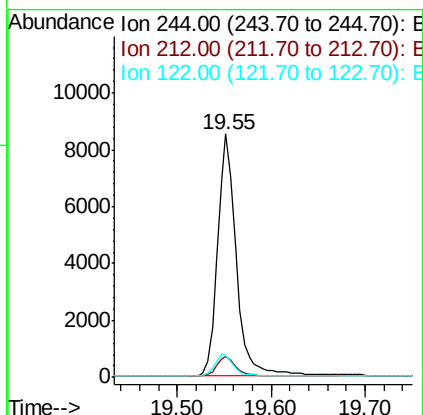
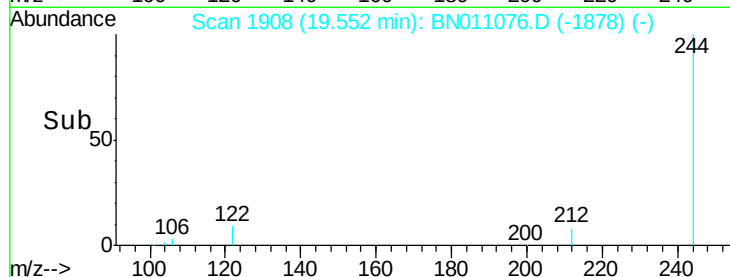
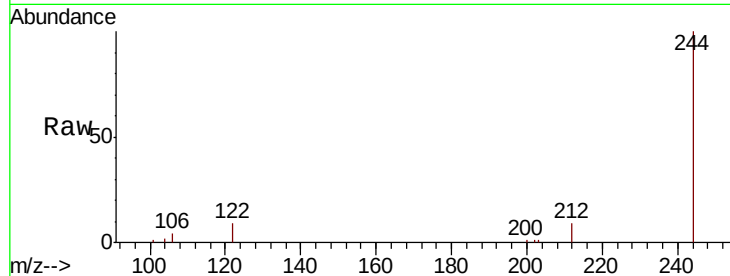
Tot Ion:244 Resp: 11914

Ion Ratio Lower Upper

244 100

212 8.7 7.5 11.3

122 9.1 8.2 12.4



#32

Benzo(a)anthracene

Concen: 0.747 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

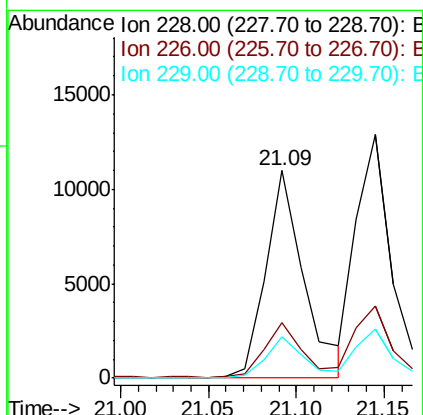
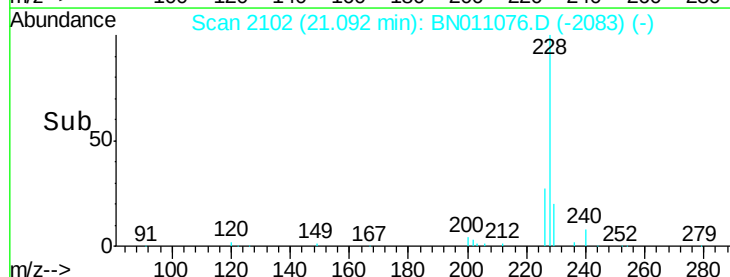
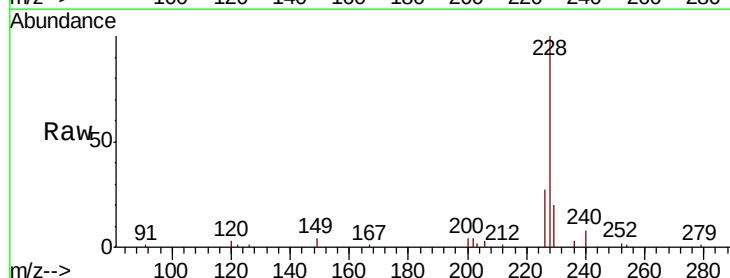
Tgt Ion:228 Resp: 16425

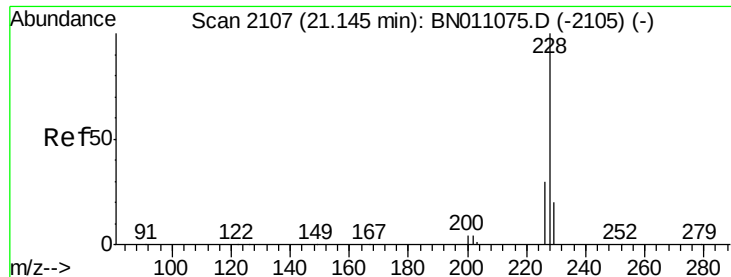
Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

229 20.0 16.1 24.1





#33

Chrysene

Concen: 0.763 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

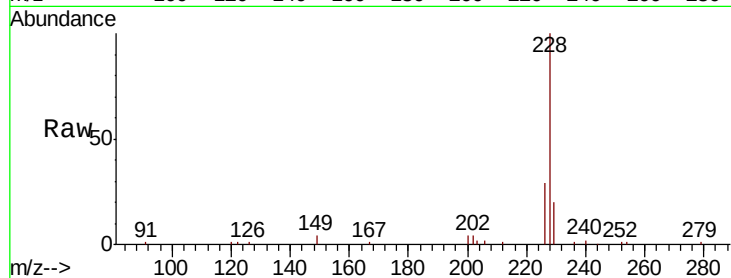
Tot Ion:228 Resp: 18269

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

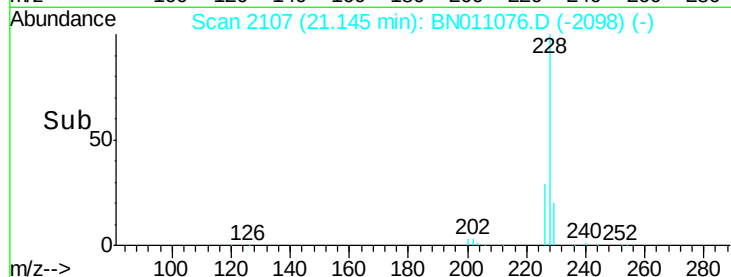
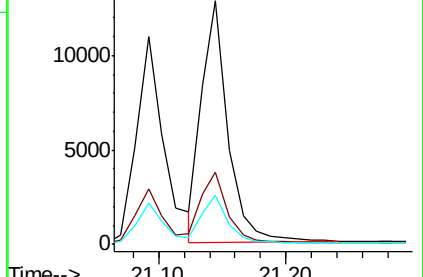
229 20.1 16.4 24.6



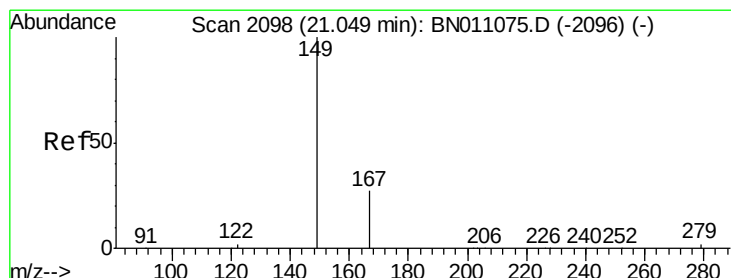
Abundance Ion 228.00 (227.70 to 228.70): E

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: 0.695 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

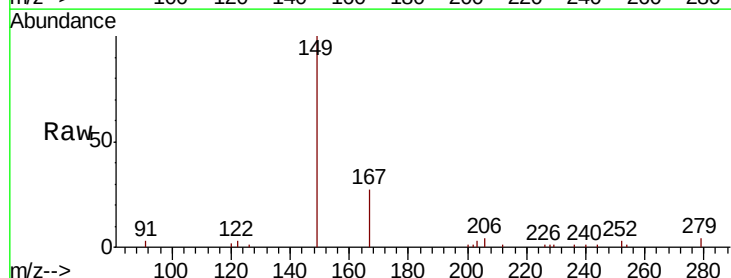
Tgt Ion:149 Resp: 6138

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

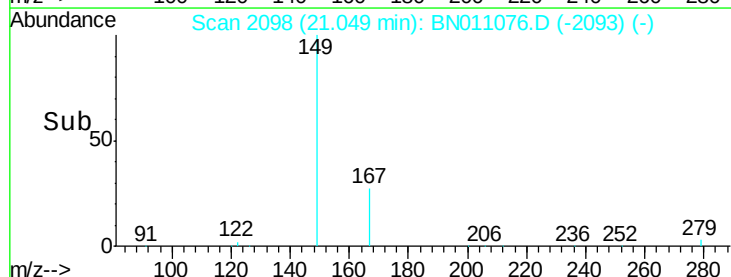
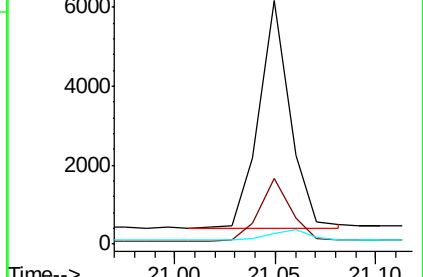
279 4.7 4.5 6.7



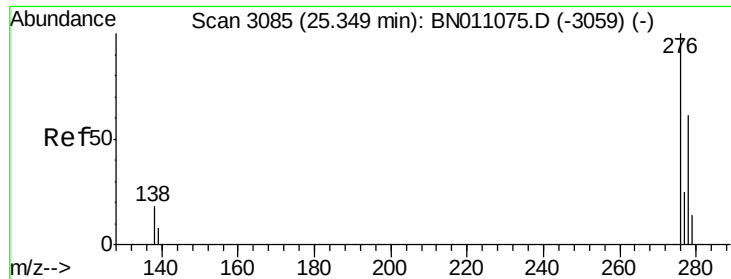
Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.668 ng

RT: 25.35 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

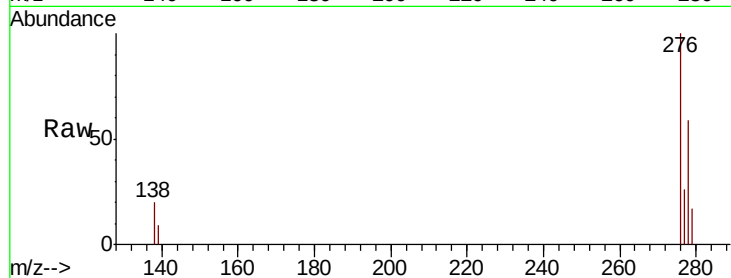
Tot Ion:276 Resp: 17811

Ion Ratio Lower Upper

276 100

138 19.2 15.4 23.0

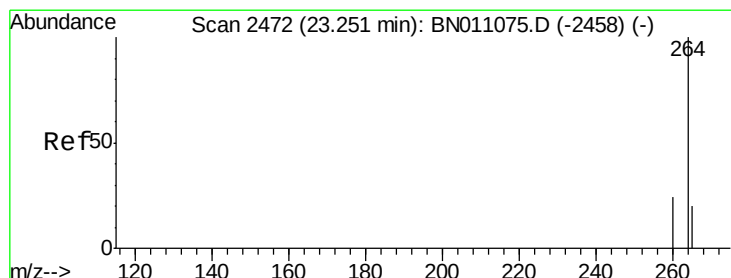
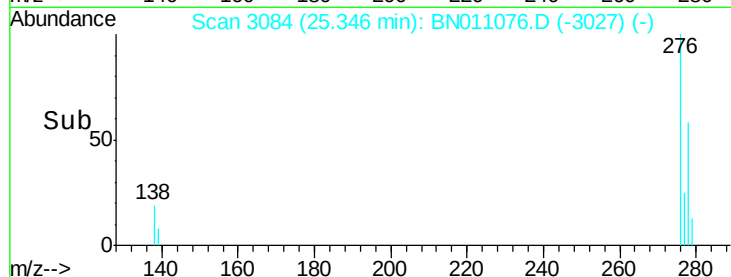
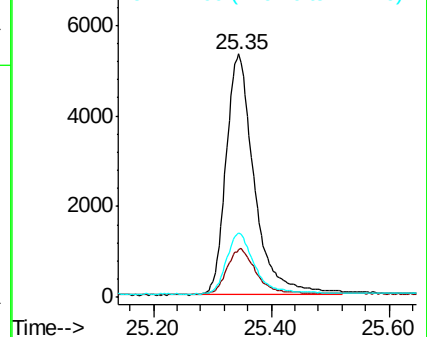
277 25.0 19.4 29.0



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

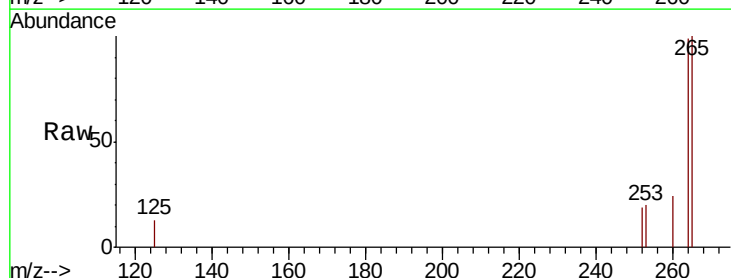
Tgt Ion:264 Resp: 5483

Ion Ratio Lower Upper

264 100

260 24.6 20.4 30.6

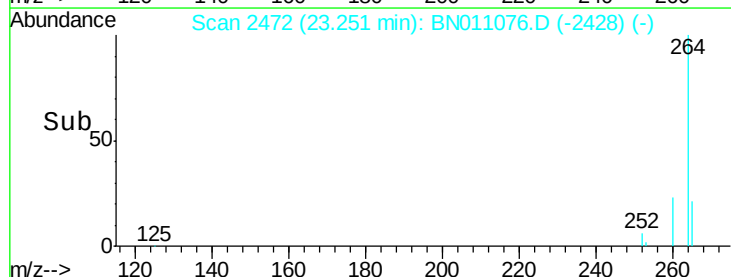
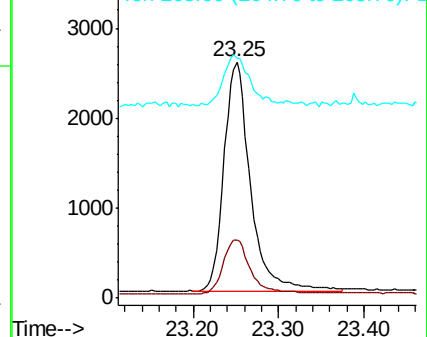
265 101.3 83.0 124.6

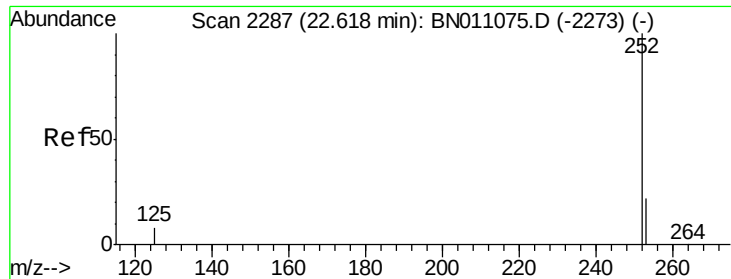


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.761 ng

RT: 22.62 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

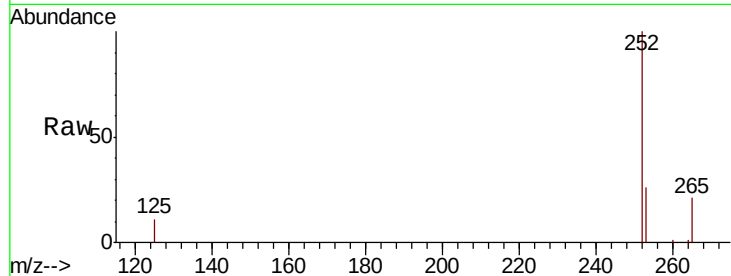
Tot Ion:252 Resp: 16505

Ion Ratio Lower Upper

252 100

253 25.7 22.7 34.1

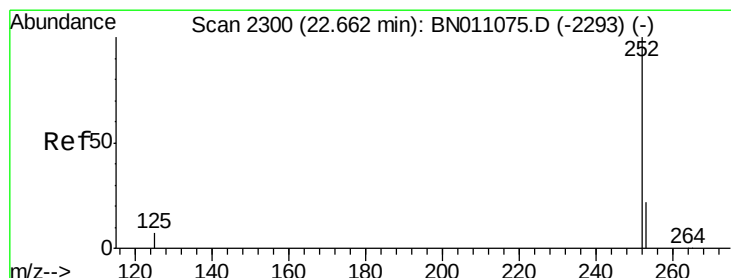
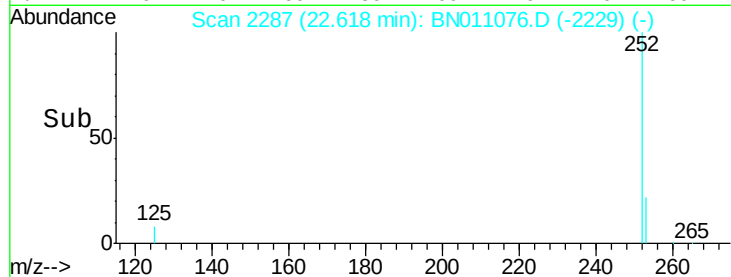
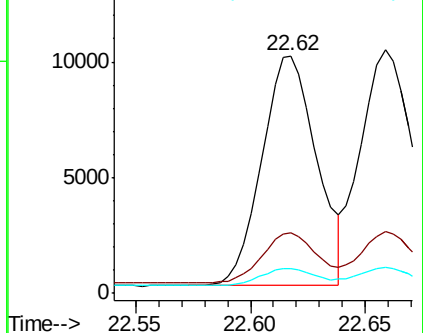
125 10.7 10.4 15.6



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



#38

Benzo(k)fluoranthene

Concen: 0.770 ng

RT: 22.66 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

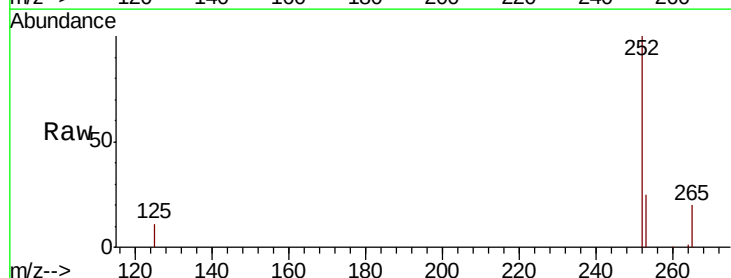
Tgt Ion:252 Resp: 17361

Ion Ratio Lower Upper

252 100

253 25.2 22.9 34.3

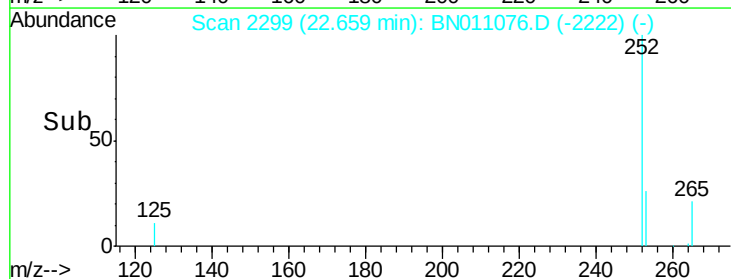
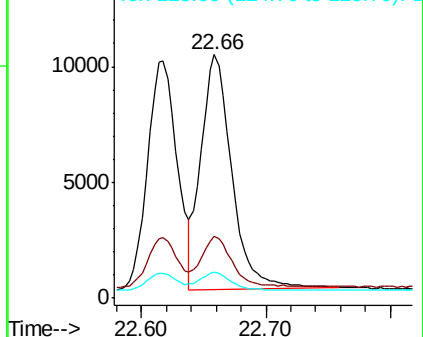
125 10.9 10.6 15.8

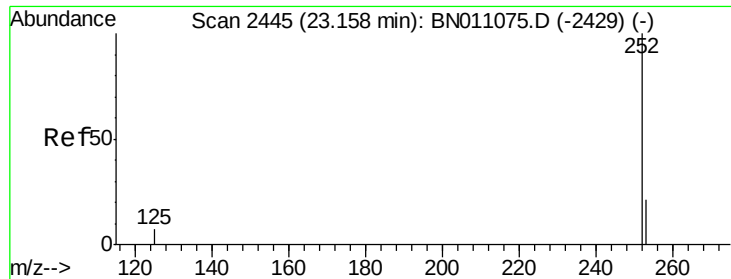


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.737 ng

RT: 23.16 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

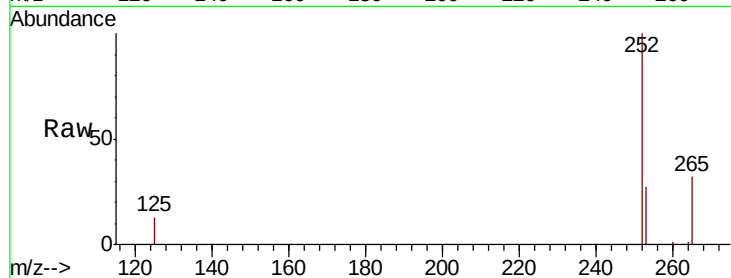
Tot Ion:252 Resp: 14189

Ion Ratio Lower Upper

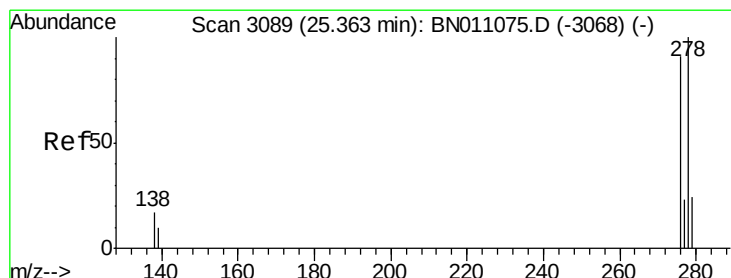
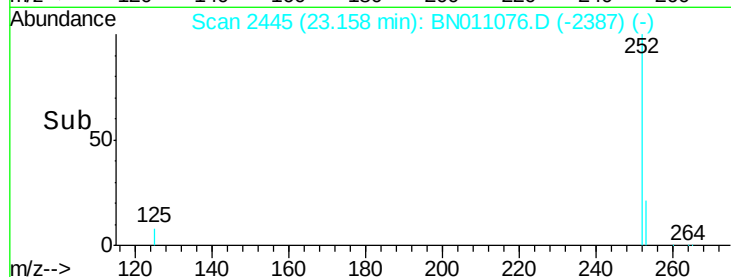
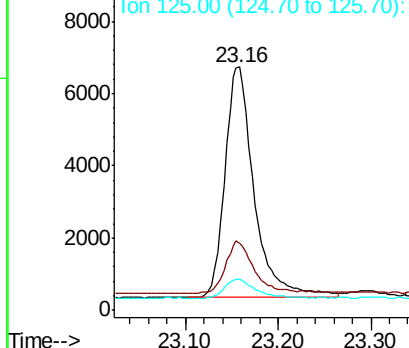
252 100

253 27.3 25.9 38.9

125 13.0 12.5 18.7



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



#40

Dibenzo(a,h)anthracene

Concen: 0.686 ng

RT: 25.36 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

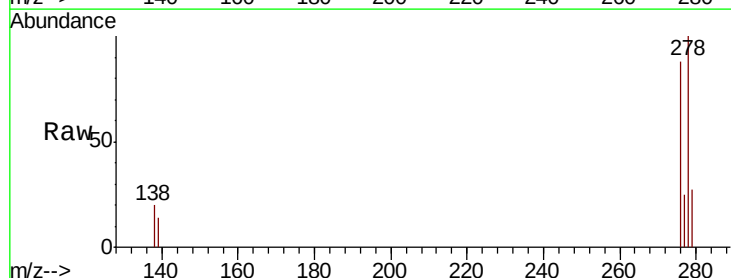
Tgt Ion:278 Resp: 14241

Ion Ratio Lower Upper

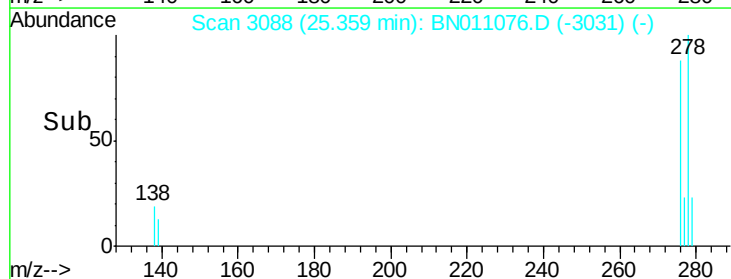
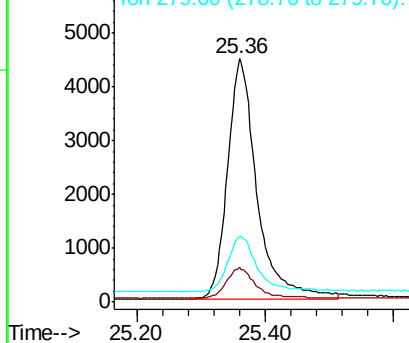
278 100

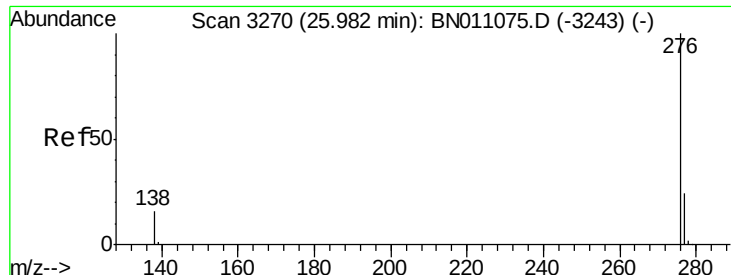
139 14.2 11.9 17.9

279 27.0 25.5 38.3



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: 0.730 ng

RT: 25.98 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN011076.D

Acq: 30 Jun 2020 11:43

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

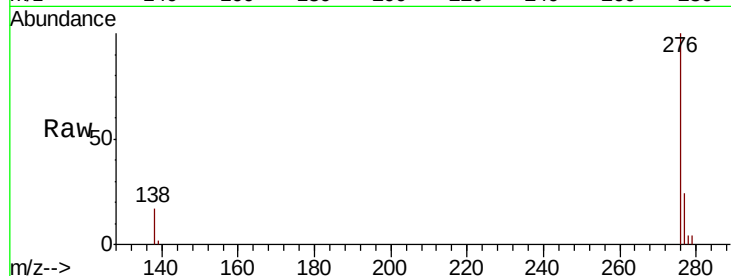
Tot Ion: 276 Resp: 15705

Ion Ratio Lower Upper

276 100

277 24.3 21.1 31.7

138 17.4 15.0 22.6



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

