

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070620\
 Data File : BN011097.D
 Acq On : 06 Jul 2020 08:43
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 06 10:53:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 06 10:52:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2004	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	6576	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3434	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6882	0.40	ng	0.00
29) Chrysene-d12	21.10	240	6326	0.40	ng	0.00
36) Perylene-d12	23.25	264	5759	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2053	0.41	ng	0.00
5) Phenol-d6	6.72	99	2493	0.43	ng	0.00
8) Nitrobenzene-d5	8.66	82	2477	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	4597	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	617	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	6696	0.41	ng	0.00
27) Fluoranthene-d10	18.93	212	8443	0.41	ng	0.00
31) Terphenyl-d14	19.55	244	7434	0.45	ng	0.00

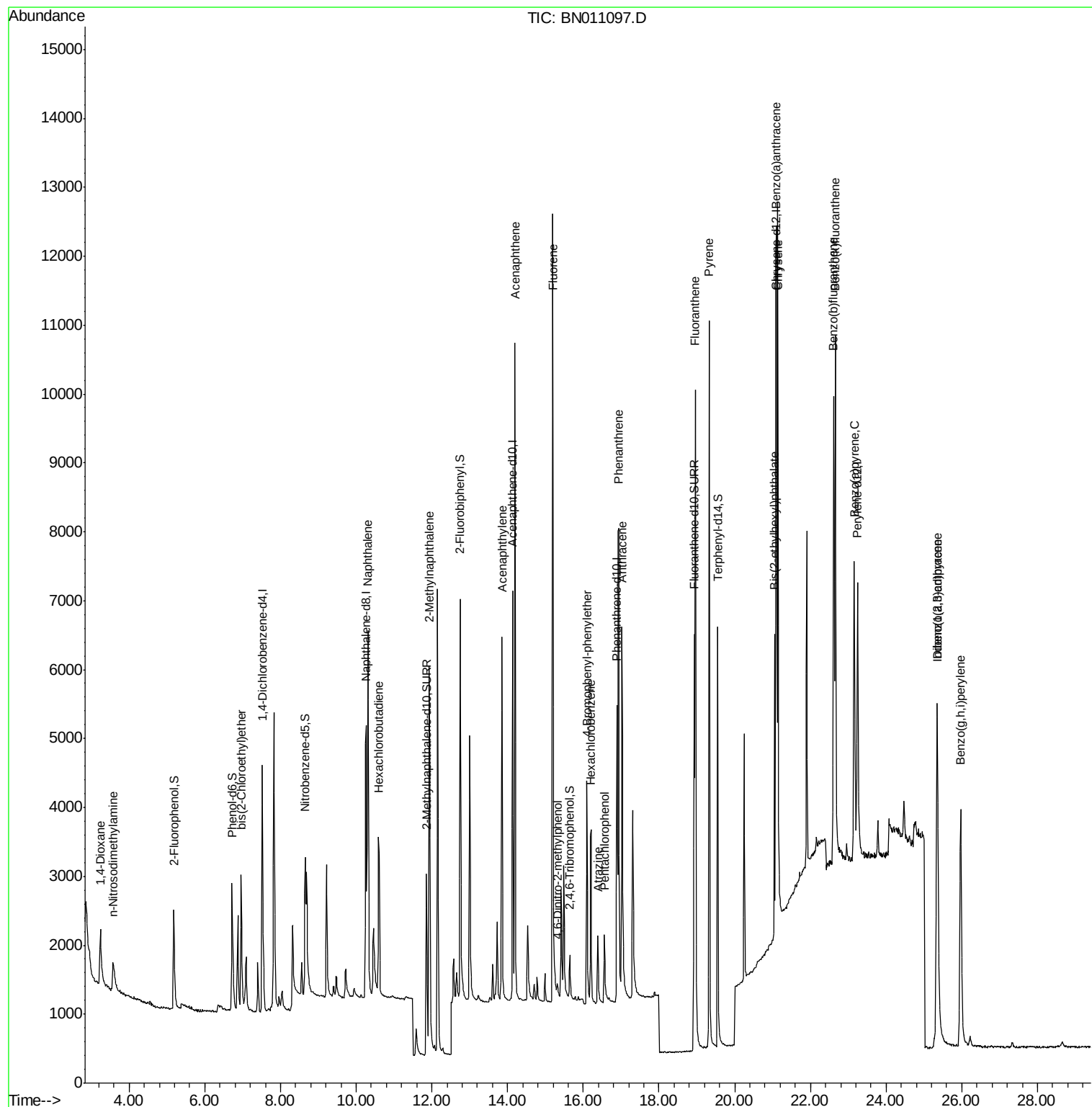
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1118	0.396	ng	95
3) n-Nitrosodimethylamine	3.57	42	595	0.417	ng	# 83
6) bis(2-Chloroethyl)ether	6.96	93	2080	0.399	ng	99
9) Naphthalene	10.30	128	7889	0.402	ng	99
10) Hexachlorobutadiene	10.60	225	2031	0.408	ng	# 98
12) 2-Methylnaphthalene	11.93	142	5454	0.415	ng	97
16) Acenaphthylene	13.85	152	6867	0.399	ng	99
17) Acenaphthene	14.20	154	4731	0.405	ng	100
18) Fluorene	15.20	166	5879	0.403	ng	100
20) 4,6-Dinitro-2-methylphenol	15.31	198	293	0.426	ng	91
21) 4-Bromophenyl-phenylether	16.10	248	1951	0.427	ng	# 87
22) Hexachlorobenzene	16.20	284	2197	0.408	ng	98
23) Atrazine	16.39	200	1263	0.391	ng	99
24) Pentachlorophenol	16.56	266	699	0.482	ng	93
25) Phenanthrene	16.93	178	9173	0.412	ng	100
26) Anthracene	17.02	178	7410	0.402	ng	100
28) Fluoranthene	18.96	202	10165	0.406	ng	99
30) Pyrene	19.33	202	10910	0.462	ng	100
32) Benzo(a)anthracene	21.09	228	8805	0.417	ng	100
33) Chrysene	21.14	228	9695	0.400	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	3562	0.417	ng	99
35) Indeno(1,2,3-cd)pyrene	25.34	276	8197	0.323	ng	96
37) Benzo(b)fluoranthene	22.62	252	9150	0.396	ng	100
38) Benzo(k)fluoranthene	22.66	252	10422	0.422	ng	100
39) Benzo(a)pyrene	23.16	252	7982	0.401	ng	98
40) Dibenzo(a,h)anthracene	25.35	278	5622	0.276	ng	98
41) Benzo(g,h,i)perylene	25.97	276	8126	0.362	ng	98

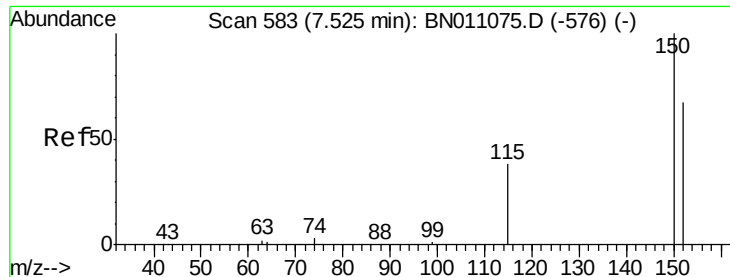
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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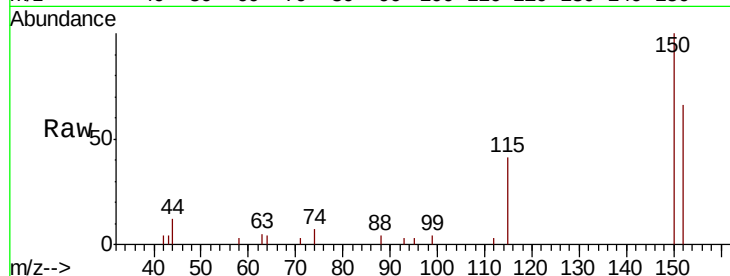


#1

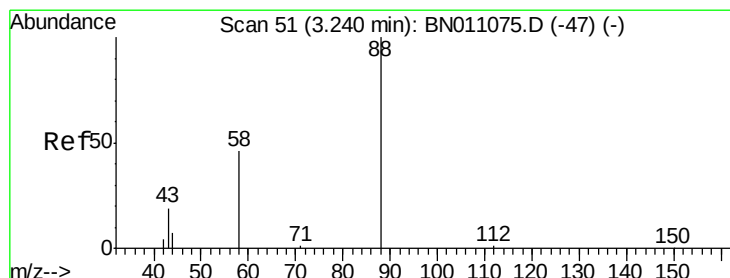
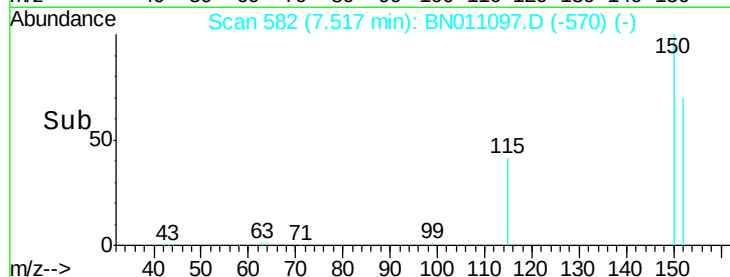
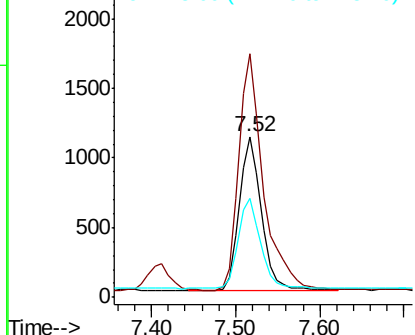
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011097.D
Acq: 06 Jul 2020 08:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2004
Ion Ratio Lower Upper
152 100
150 151.5 117.4 176.0
115 61.5 47.9 71.9



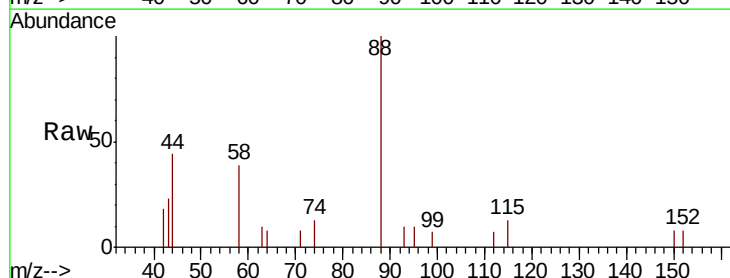
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



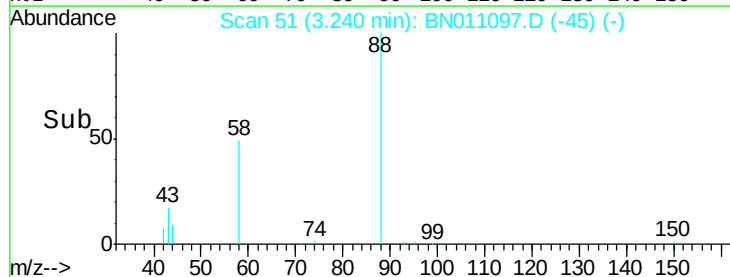
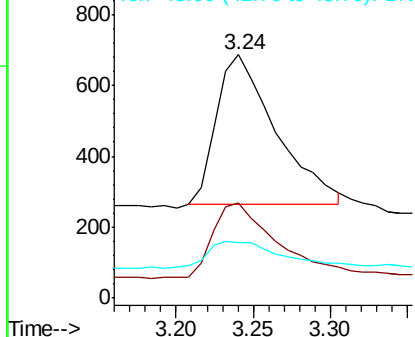
#2

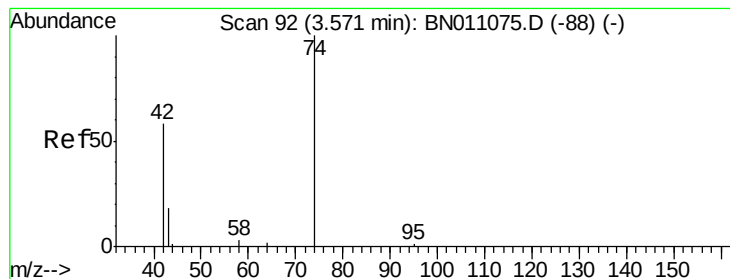
1,4-Dioxane
Concen: 0.396 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011097.D
Acq: 06 Jul 2020 08:43

Tgt Ion: 88 Resp: 1118
Ion Ratio Lower Upper
88 100
58 52.4 38.6 57.8
43 18.6 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: 0.417 ng

RT: 3.57 min Scan# 92

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

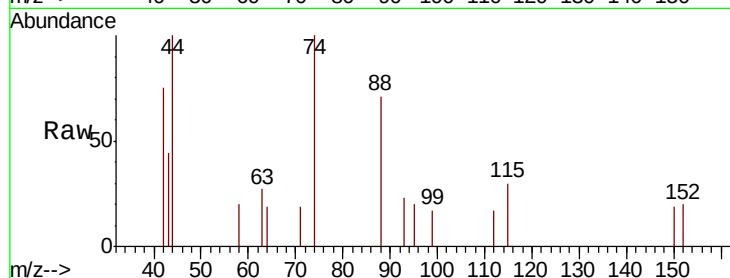
Tot Ion: 42 Resp: 595

Ion Ratio Lower Upper

42 100

74 154.3 142.5 213.7

44 4.7 0.0 0.0#

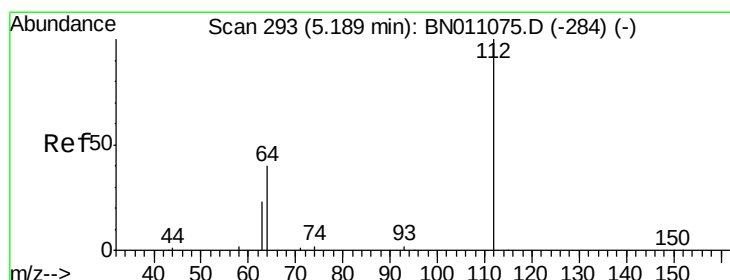
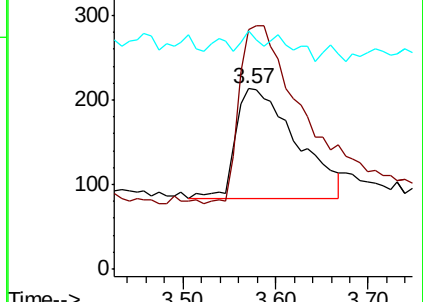
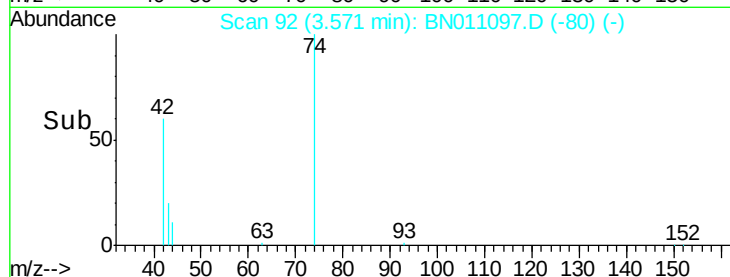


Abundance Ion 42.00 (41.70 to 42.70): BN011075.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN011075.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN011075.D (-88) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.412 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

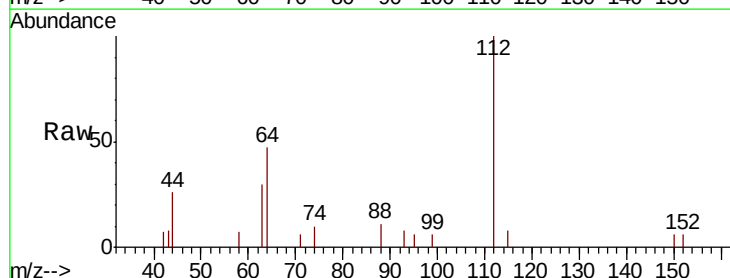
Tgt Ion: 112 Resp: 2053

Ion Ratio Lower Upper

112 100

64 46.2 36.5 54.7

63 25.0 20.6 30.8

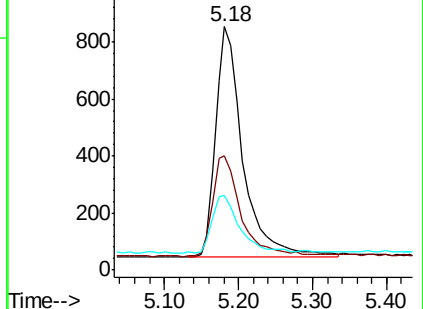
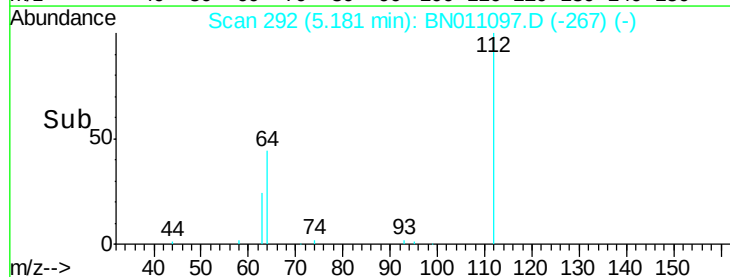


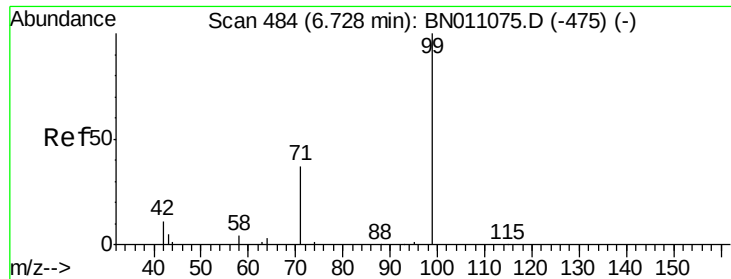
Abundance Ion 112.00 (111.70 to 112.70): BN011097.D (-267) (-)

Ion 64.00 (63.70 to 64.70): BN011097.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BN011097.D (-267) (-)

Time-->





#5

Phenol-d6

Concen: 0.435 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

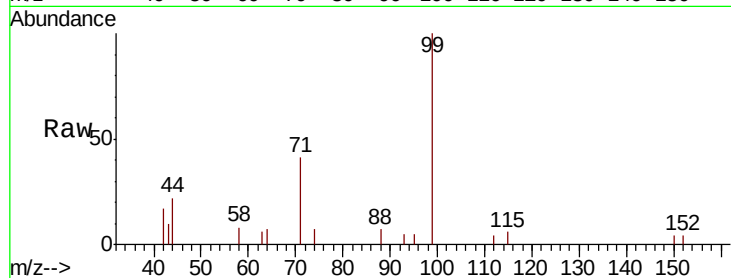
Tot Ion: 99 Resp: 2493

Ion Ratio Lower Upper

99 100

42 13.7 9.8 14.8

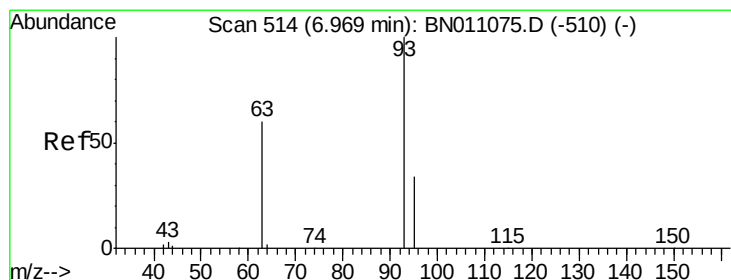
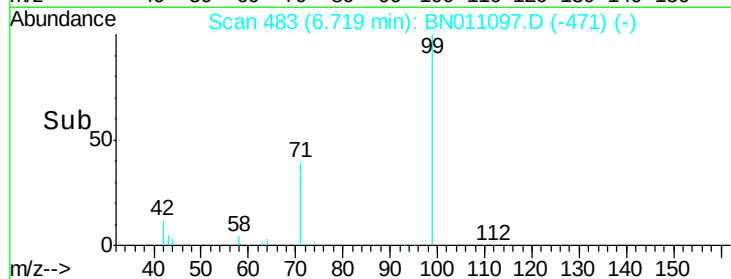
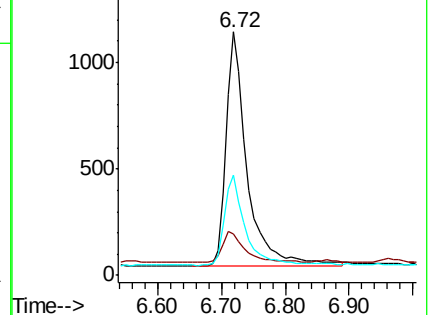
71 38.9 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011097.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011097.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011097.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.399 ng

RT: 6.96 min Scan# 513

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

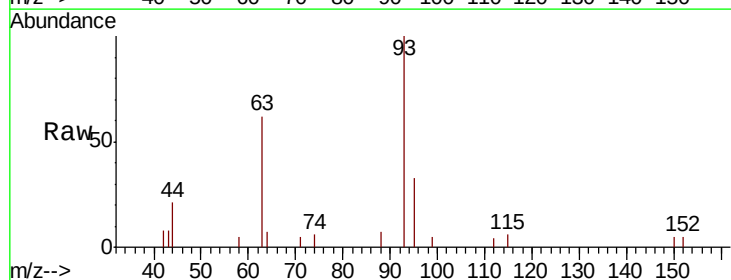
Tgt Ion: 93 Resp: 2080

Ion Ratio Lower Upper

93 100

63 58.8 47.4 71.2

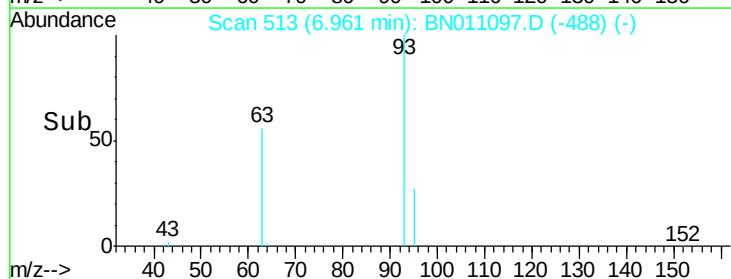
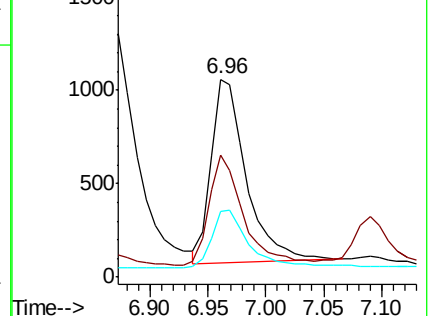
95 33.5 26.4 39.6

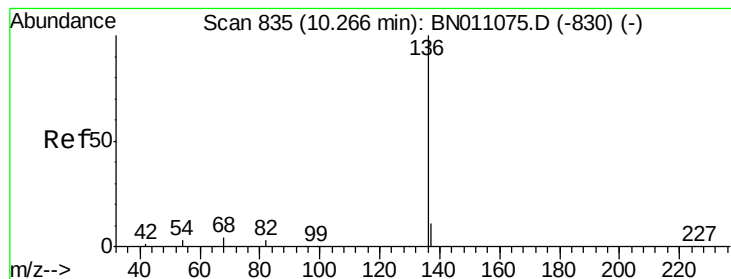


Abundance Ion 93.00 (92.70 to 93.70): BN011097.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011097.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011097.D (-510) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6576

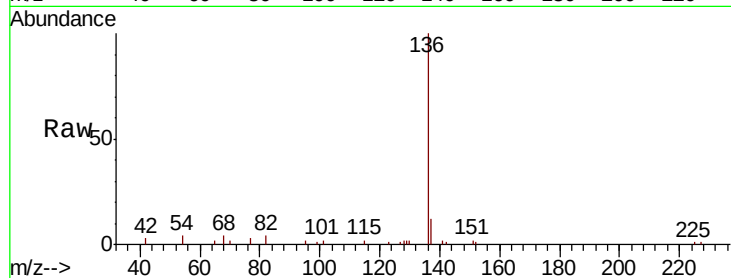
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 3.9 3.8 5.6

68 4.2 4.3 6.5#

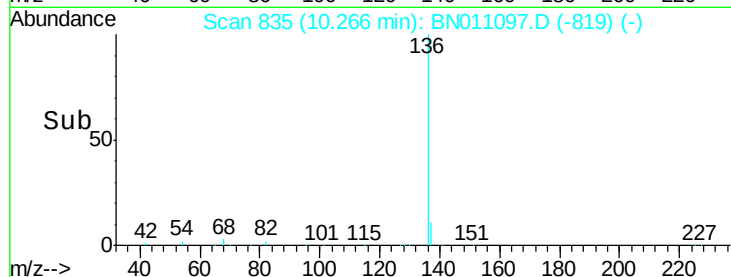


Abundance Ion 136.00 (135.70 to 136.70): E

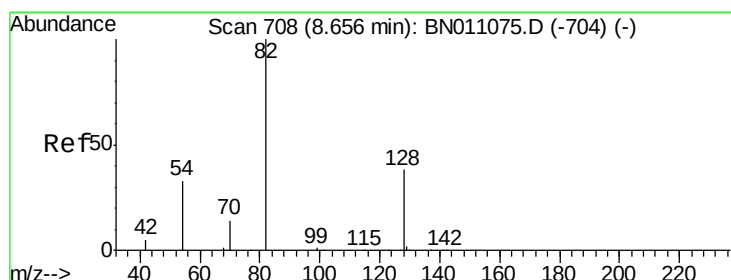
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.443 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

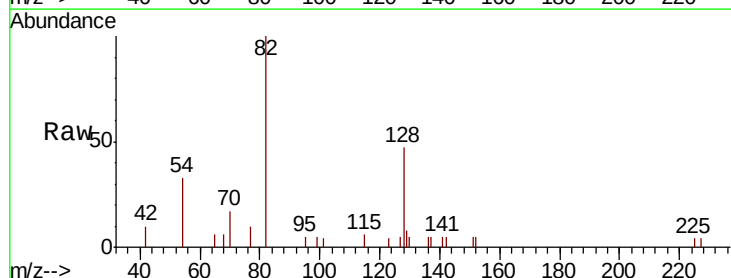
Tgt Ion: 82 Resp: 2477

Ion Ratio Lower Upper

82 100

128 47.1 34.2 51.2

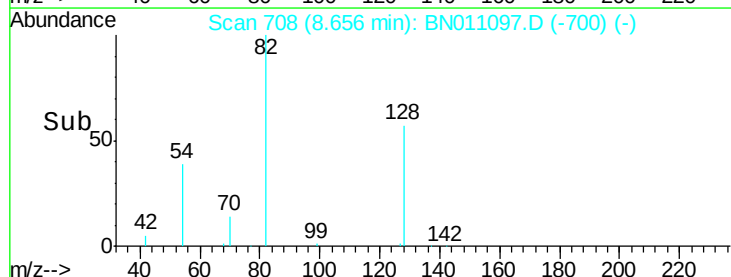
54 33.0 29.4 44.0



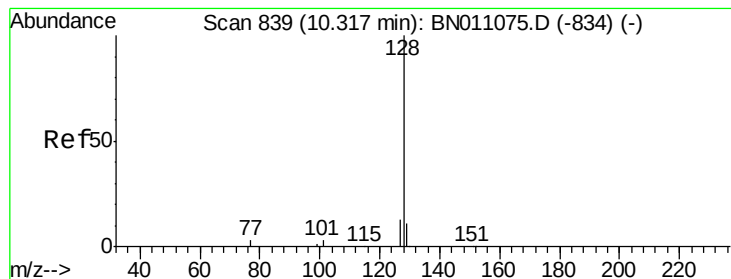
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.402 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

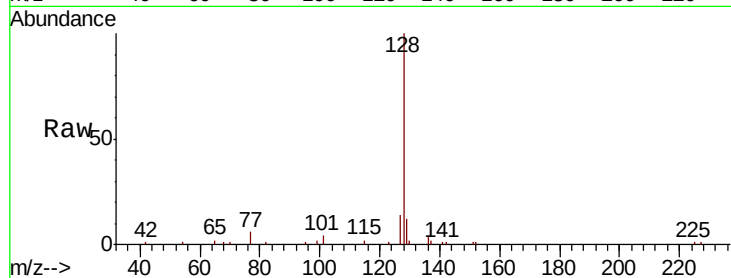
Tot Ion:128 Resp: 7889

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.8

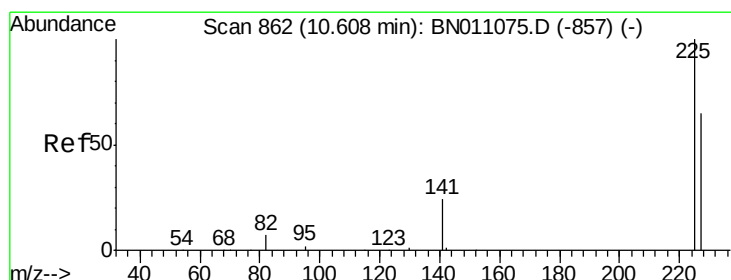
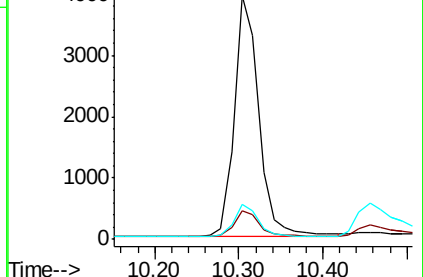
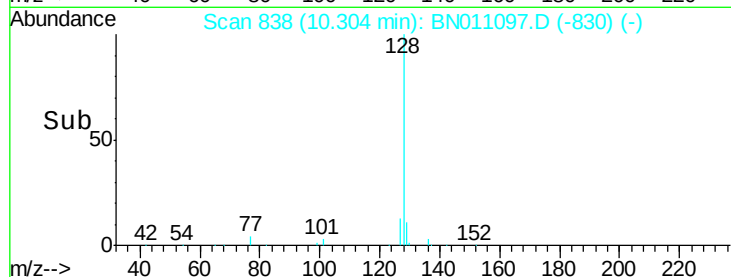
127 14.4 11.3 16.9



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: 0.408 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

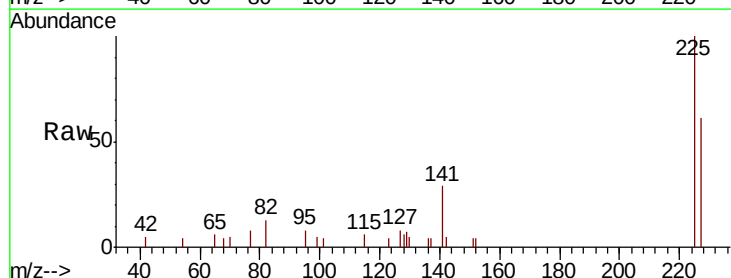
Tgt Ion:225 Resp: 2031

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

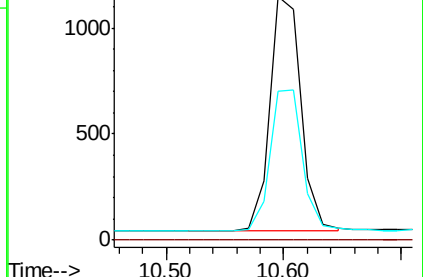
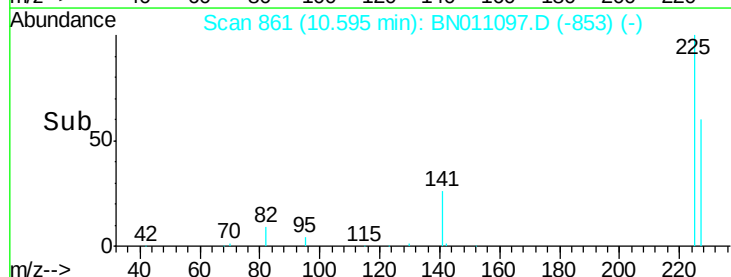
227 62.6 51.4 77.2

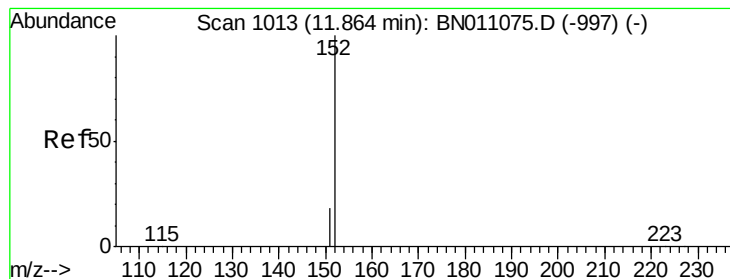


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.86 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

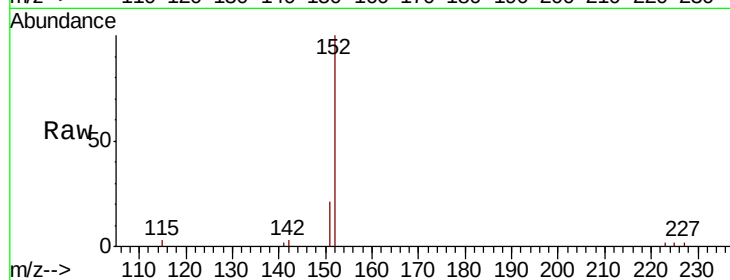
SSTDCCC0.4

Tot Ion:152 Resp: 4597

Ion Ratio Lower Upper

152 100

151 19.8 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

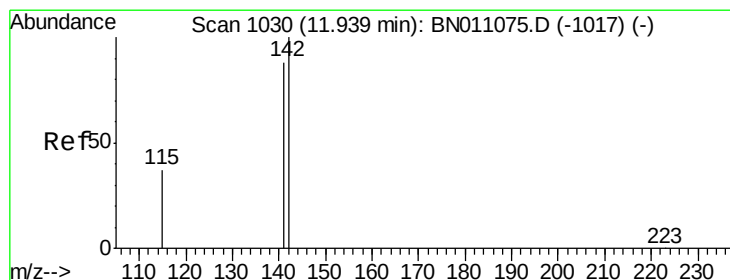
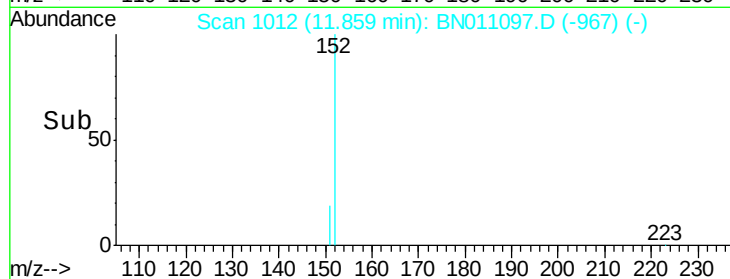
1500

1000

500

0

Time--> 11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.415 ng

RT: 11.93 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

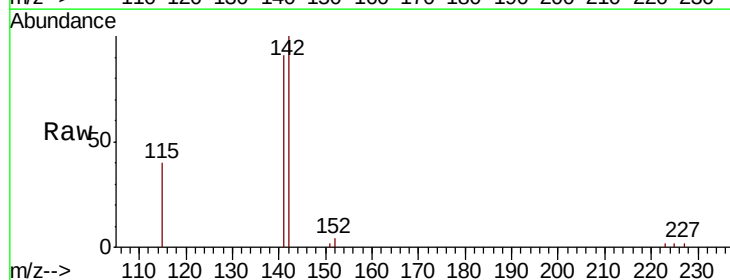
Tgt Ion:142 Resp: 5454

Ion Ratio Lower Upper

142 100

141 91.0 70.3 105.5

115 40.5 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

4000

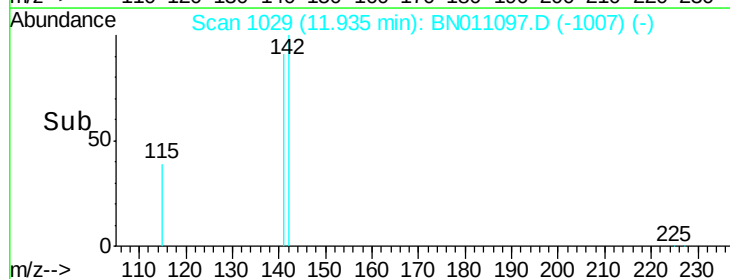
3000

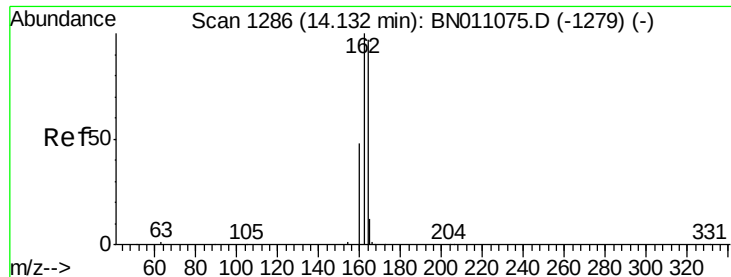
2000

1000

0

Time--> 11.80 12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

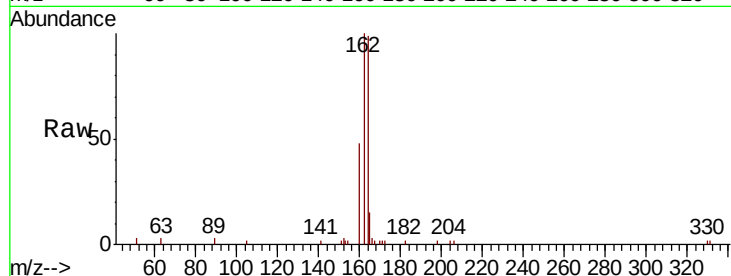
Tot Ion:164 Resp: 3434

Ion Ratio Lower Upper

164 100

162 101.2 82.3 123.5

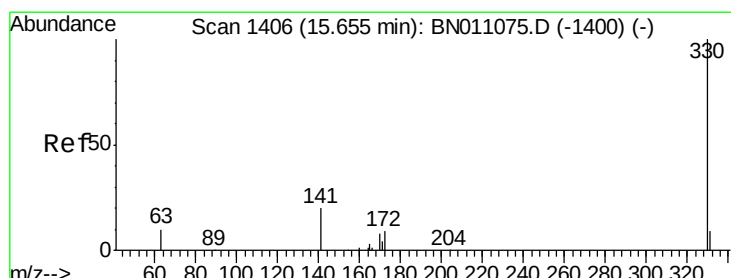
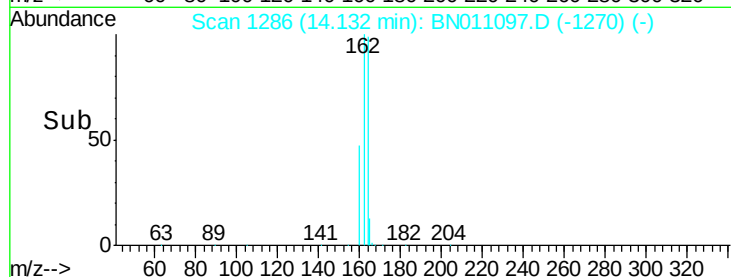
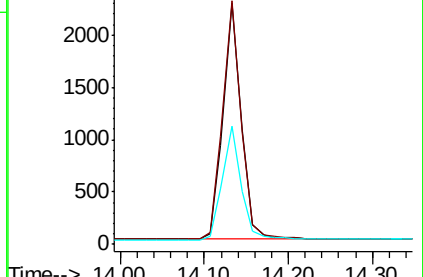
160 48.9 40.6 61.0



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: 0.428 ng

RT: 15.64 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

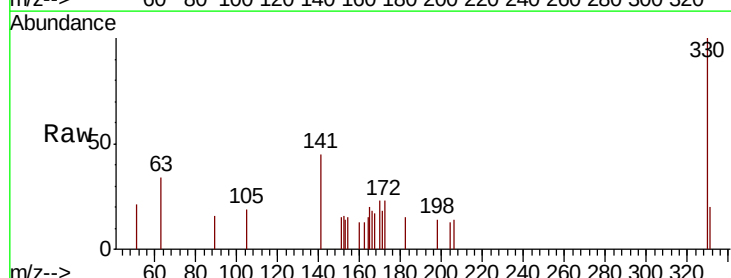
Tgt Ion:330 Resp: 617

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

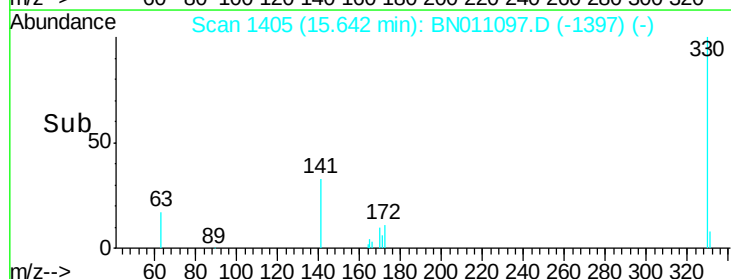
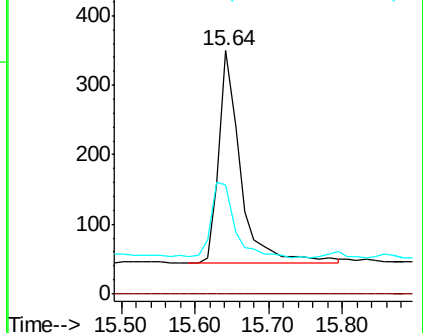
141 39.5 32.6 49.0

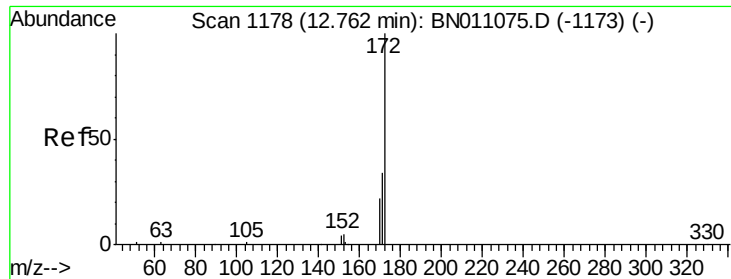


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

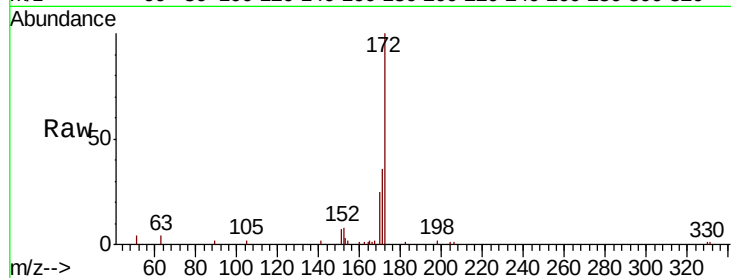




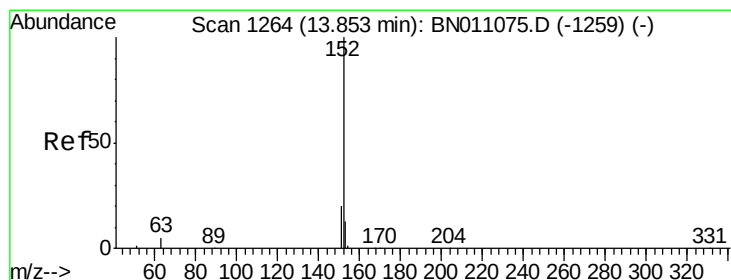
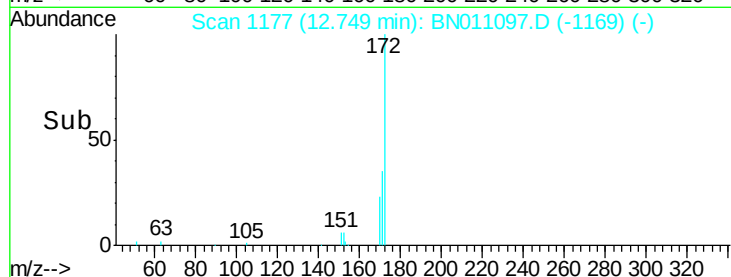
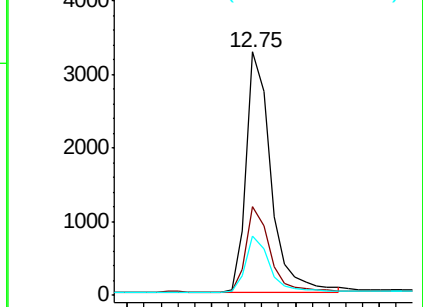
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011097.D
Acq: 06 Jul 2020 08:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 6696
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 24.5 18.7 28.1

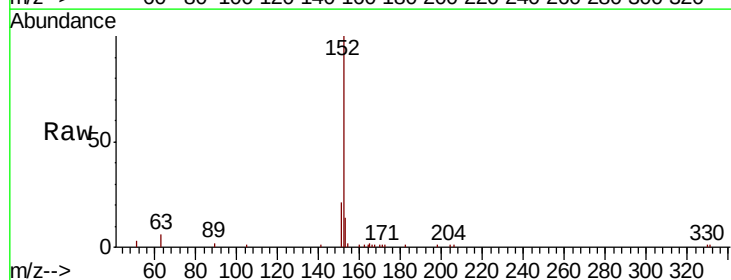


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

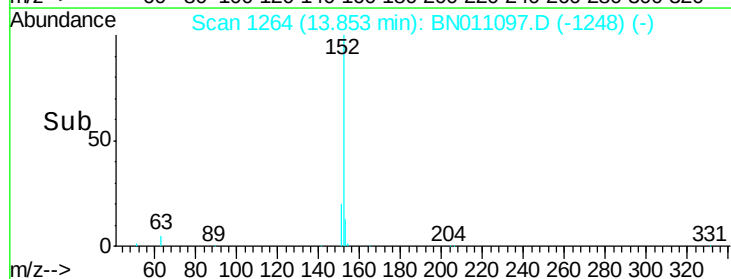
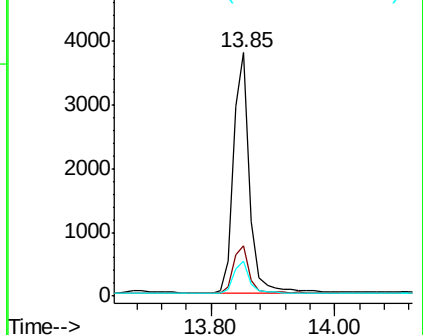


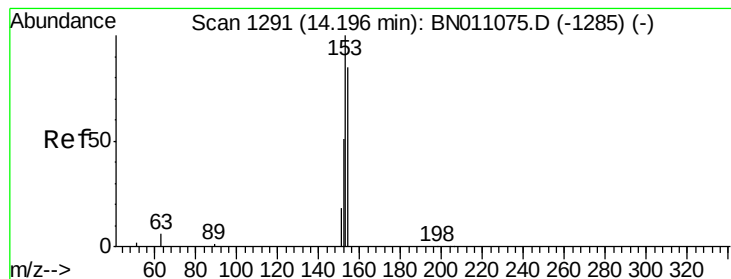
#16
Acenaphthylene
Concen: 0.399 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011097.D
Acq: 06 Jul 2020 08:43

Tgt Ion:152 Resp: 6867
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

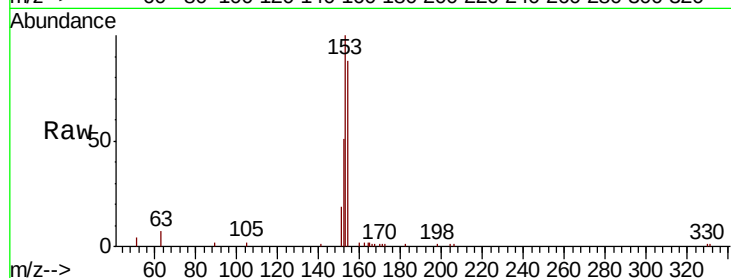
Tot Ion:154 Resp: 4731

Ion Ratio Lower Upper

154 100

153 115.0 91.7 137.5

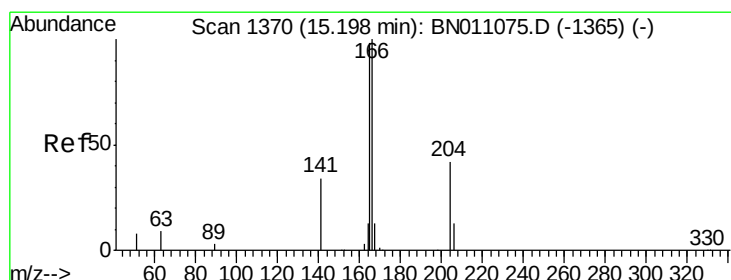
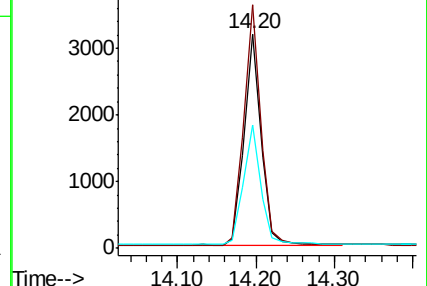
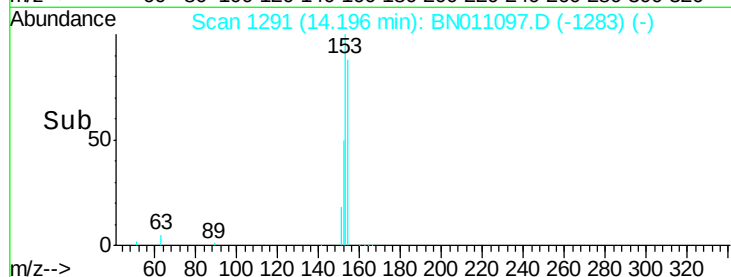
152 58.5 46.8 70.2



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: 0.403 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

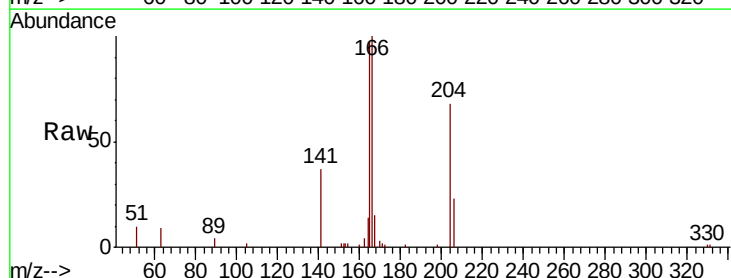
Tgt Ion:166 Resp: 5879

Ion Ratio Lower Upper

166 100

165 98.8 78.9 118.3

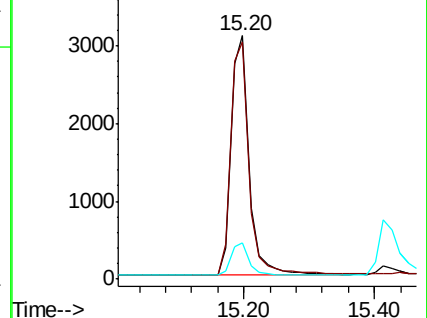
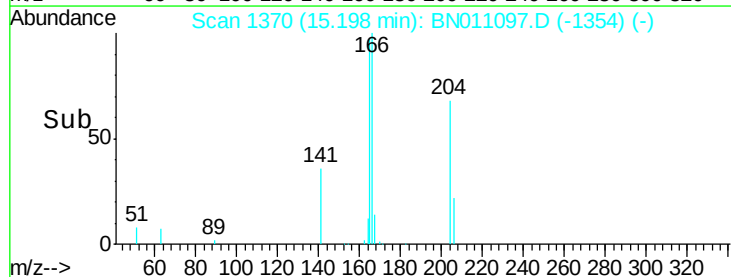
167 13.9 10.9 16.3

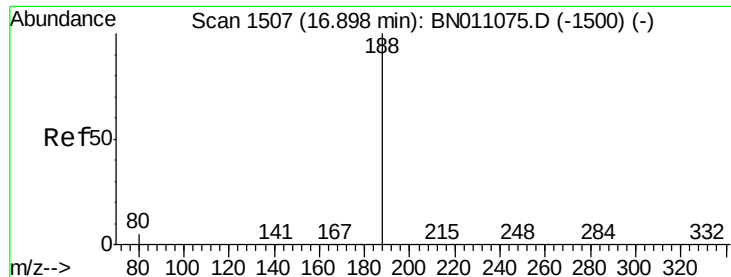


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.89 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

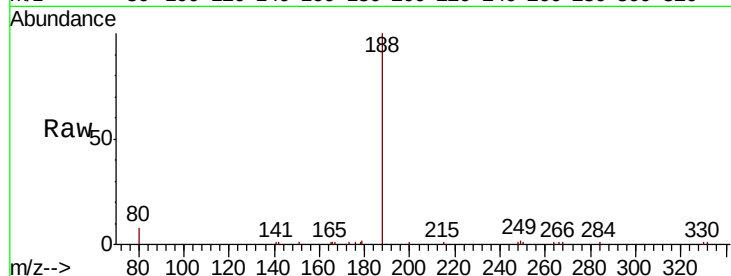
Tot Ion:188 Resp: 6882

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 5.3 7.9#



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

16.89

5000

4000

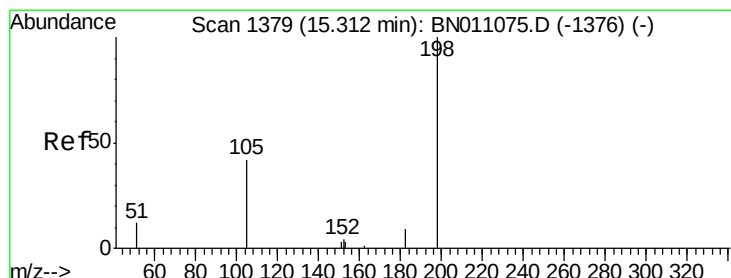
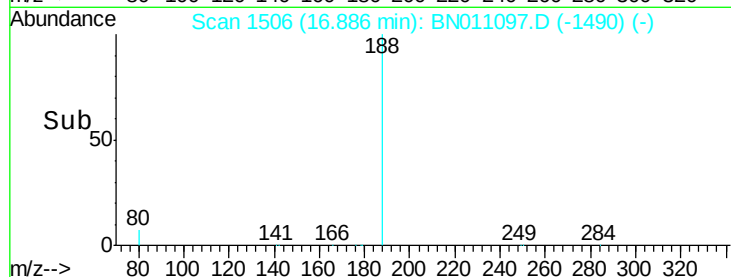
3000

2000

1000

0

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 0.426 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

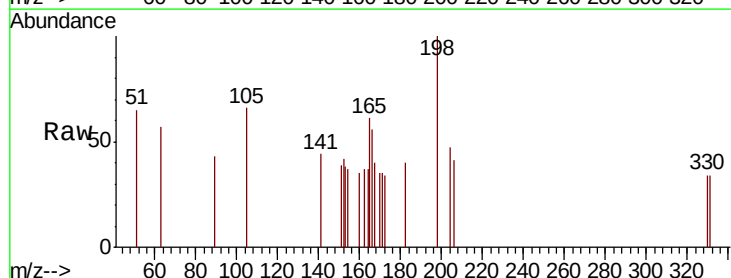
Tgt Ion:198 Resp: 293

Ion Ratio Lower Upper

198 100

51 64.9 58.2 87.4

105 65.6 59.0 88.4



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

600

500

400

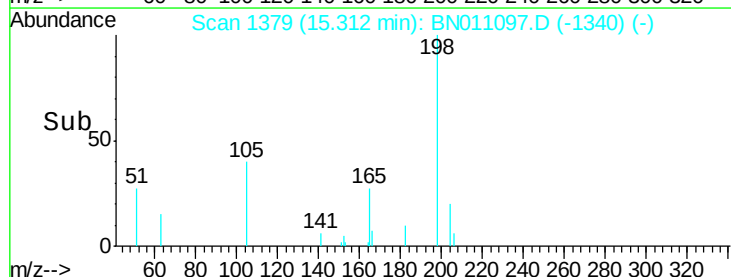
300

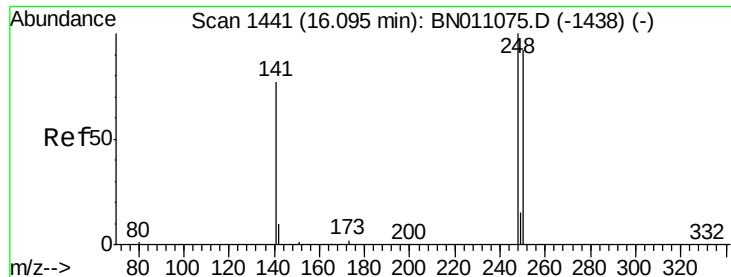
200

100

0

Time-->

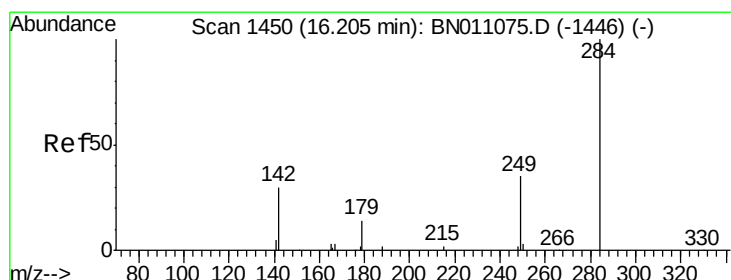
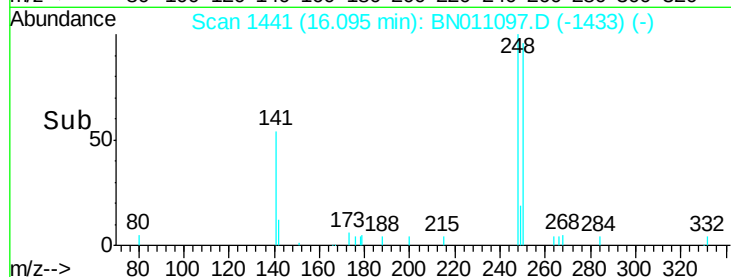
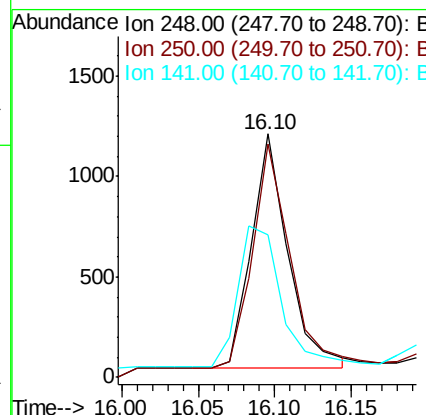
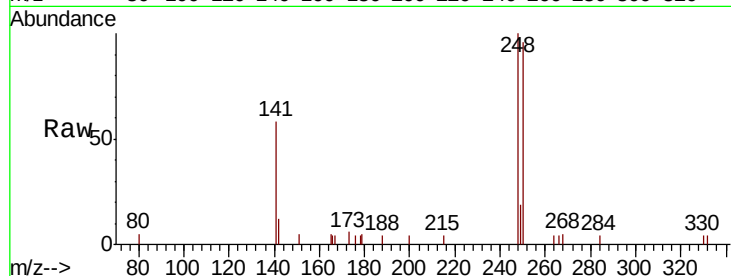




#21
4-Bromophenyl-phenylether
Concen: 0.427 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011097.D
Acq: 06 Jul 2020 08:43

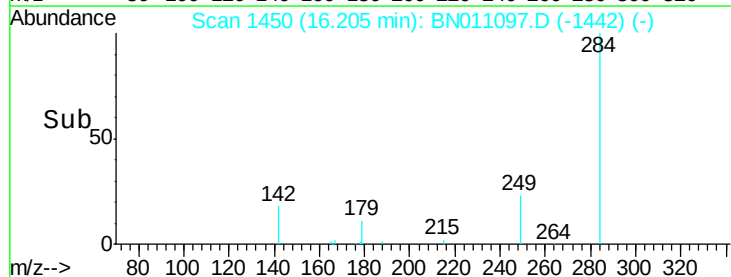
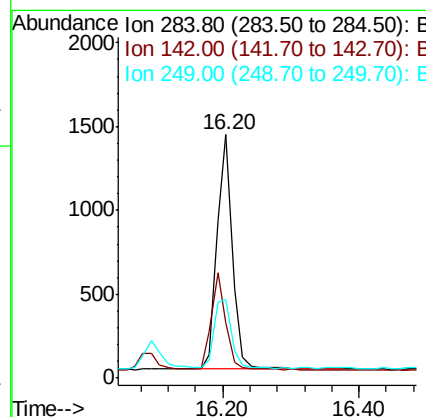
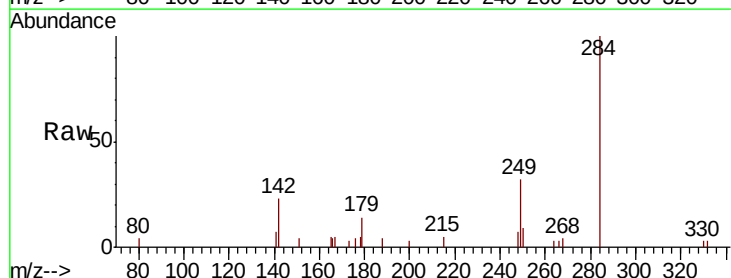
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

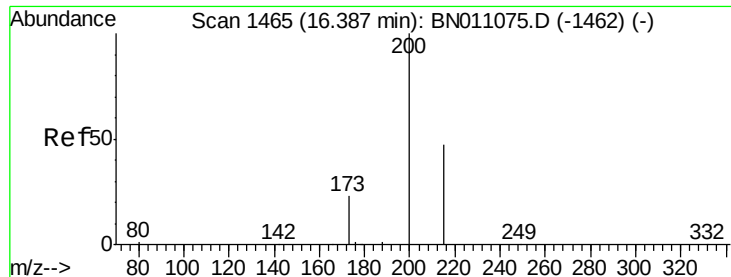
Tot Ion:248 Resp: 1951
Ion Ratio Lower Upper
248 100
250 95.8 73.8 110.8
141 58.4 63.1 94.7#



#22
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN011097.D
Acq: 06 Jul 2020 08:43

Tgt Ion:284 Resp: 2197
Ion Ratio Lower Upper
284 100
142 40.1 33.3 49.9
249 33.1 27.4 41.2





#23

Atrazine

Concen: 0.391 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

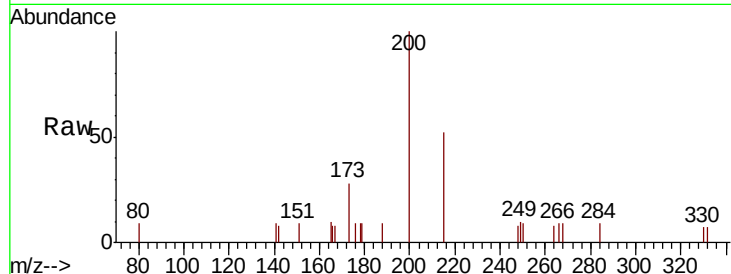
Tot Ion:200 Resp: 1263

Ion Ratio Lower Upper

200 100

173 28.3 22.8 34.2

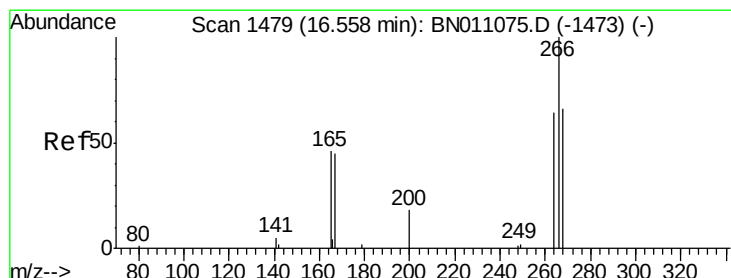
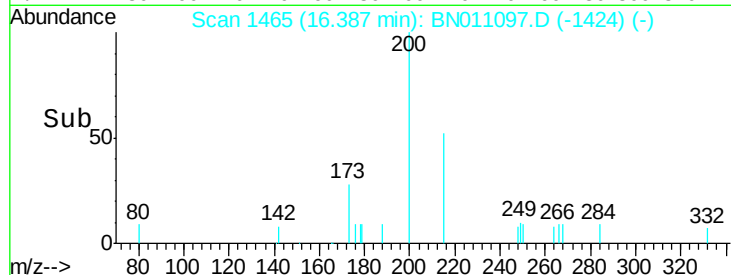
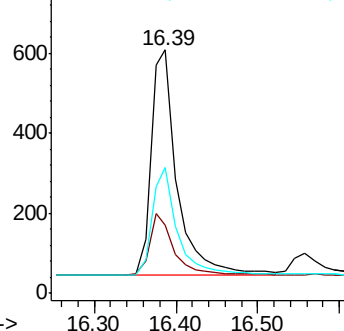
215 51.8 40.7 61.1



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: 0.482 ng

RT: 16.56 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

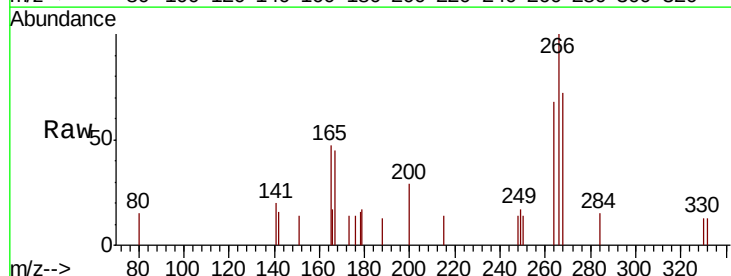
Tgt Ion:266 Resp: 699

Ion Ratio Lower Upper

266 100

264 68.8 47.4 71.0

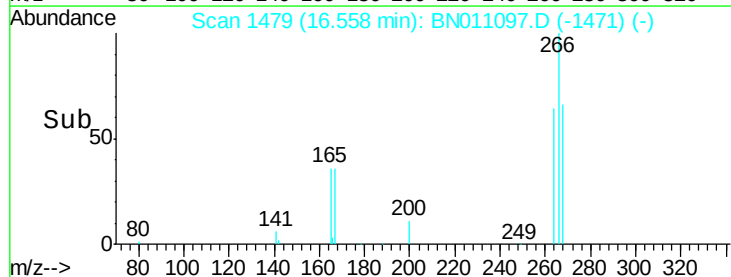
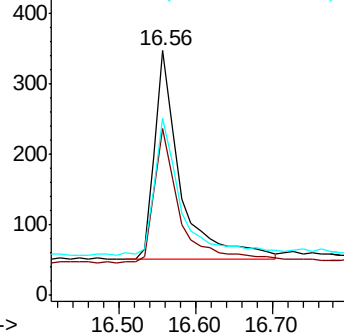
268 67.8 55.0 82.4

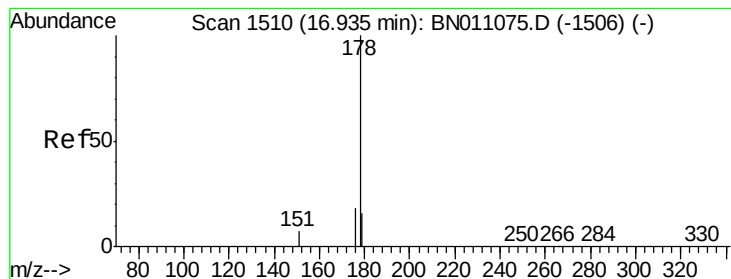


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.412 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

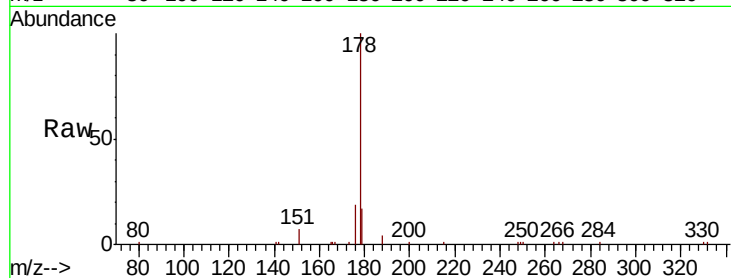
Tot Ion:178 Resp: 9173

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

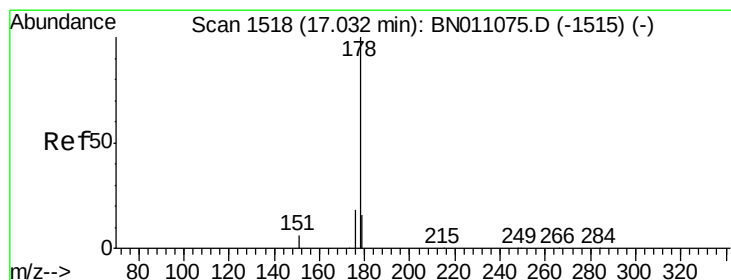
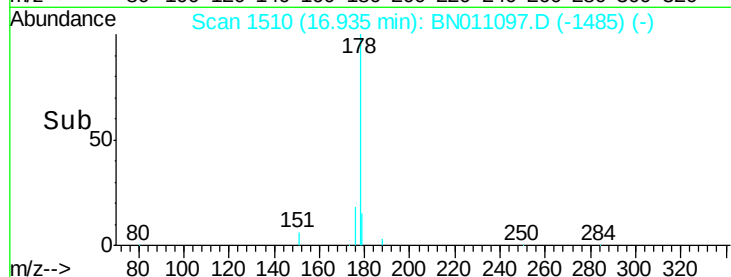
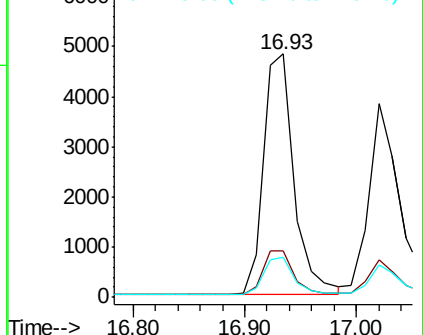
179 15.6 12.5 18.7



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



#26

Anthracene

Concen: 0.402 ng

RT: 17.02 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

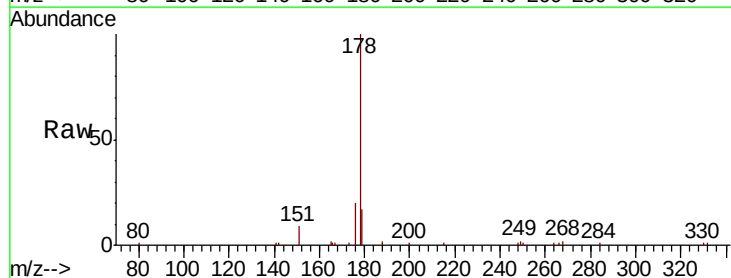
Tgt Ion:178 Resp: 7410

Ion Ratio Lower Upper

178 100

176 17.8 14.2 21.4

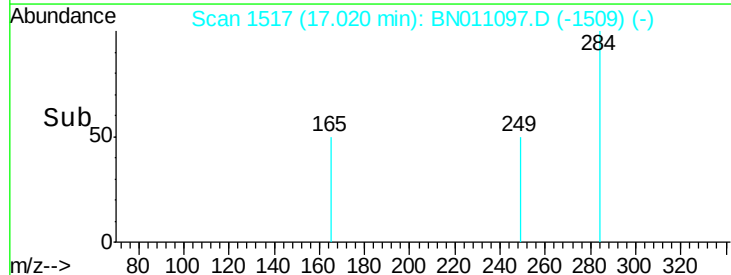
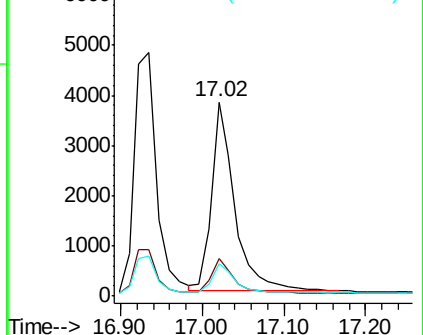
179 15.2 12.2 18.2

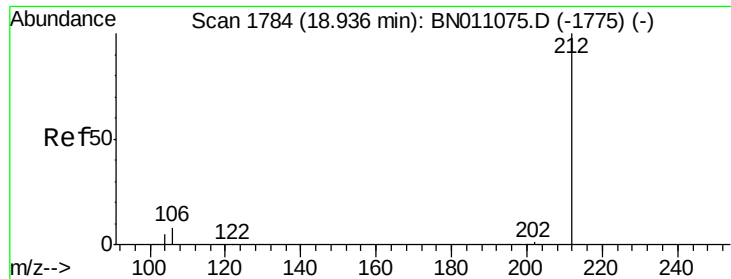


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

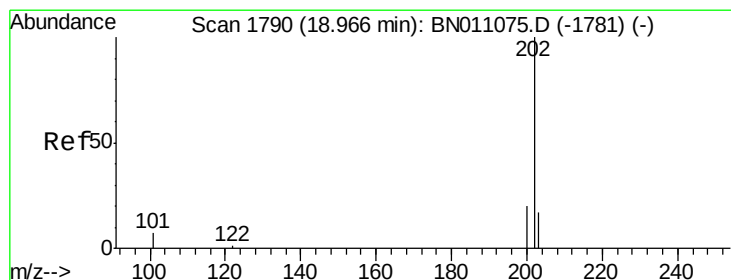
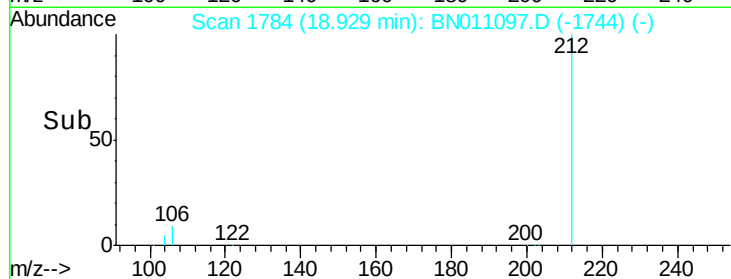
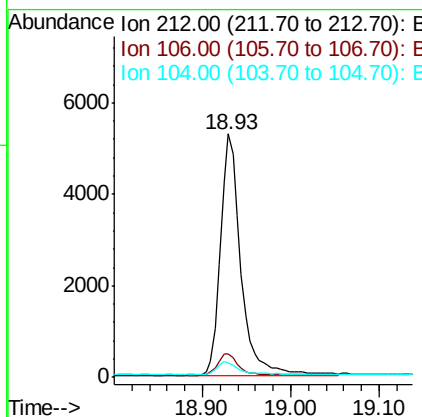
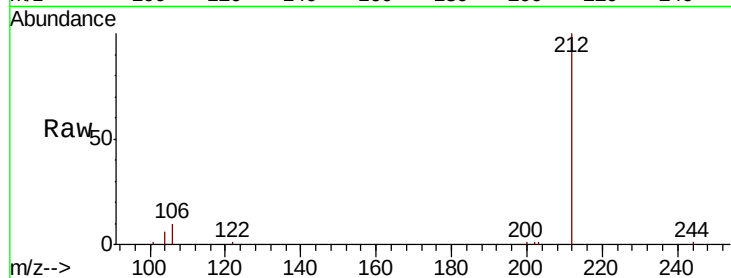




#27
 Fluoranthene-d10
 Concen: 0.406 ng
 RT: 18.93 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BN011097.D
 Acq: 06 Jul 2020 08:43

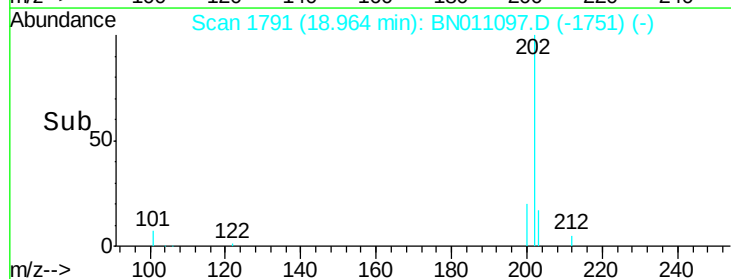
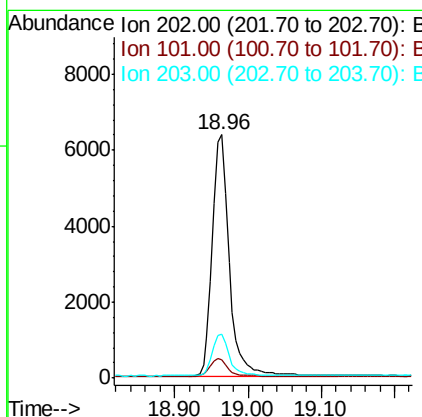
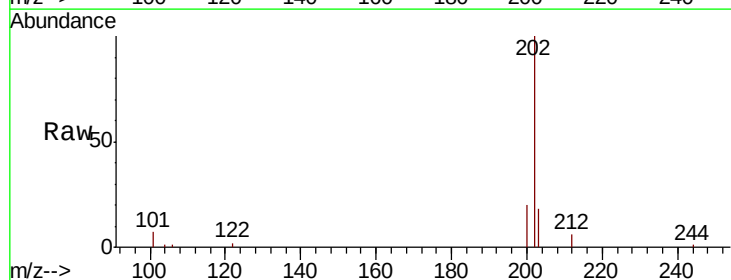
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

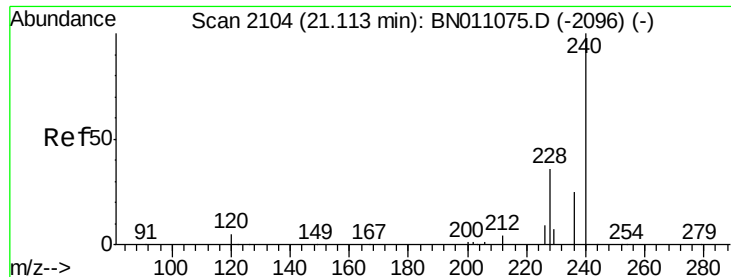
Tot Ion:212 Resp: 8443
 Ion Ratio Lower Upper
 212 100
 106 9.1 7.1 10.7
 104 5.2 4.2 6.4



#28
 Fluoranthene
 Concen: 0.406 ng
 RT: 18.96 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BN011097.D
 Acq: 06 Jul 2020 08:43

Tgt Ion:202 Resp: 10165
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.3 9.5
 203 17.3 13.5 20.3

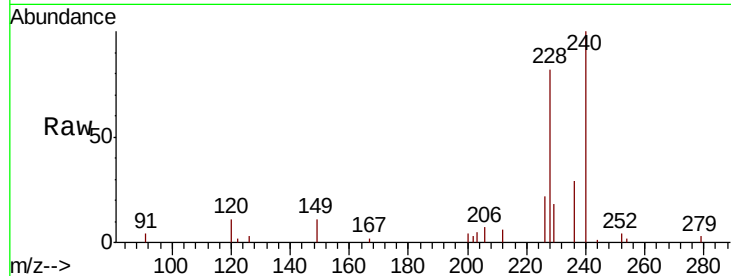




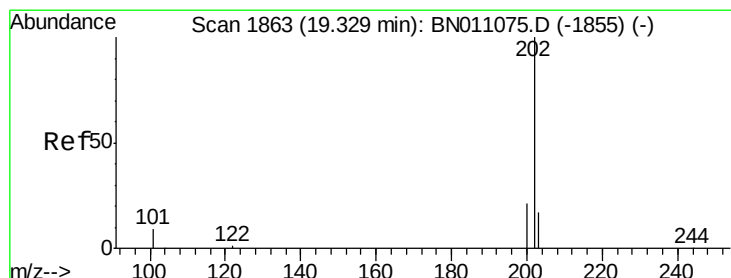
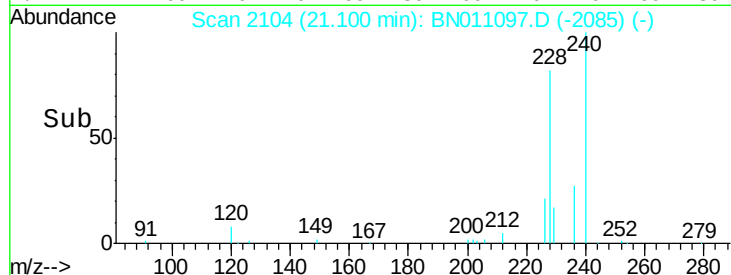
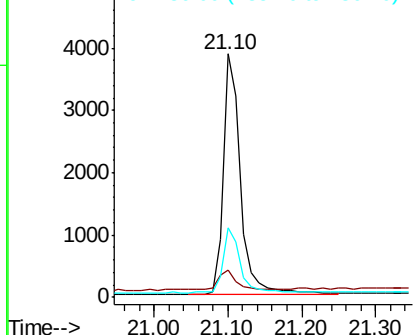
#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.10 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BN011097.D
 Acq: 06 Jul 2020 08:43

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:240 Resp: 6326
 Ion Ratio Lower Upper
 240 100
 120 11.1 6.5 9.7#
 236 28.6 21.9 32.9

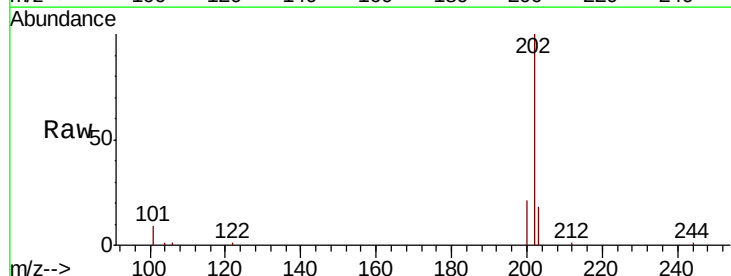


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

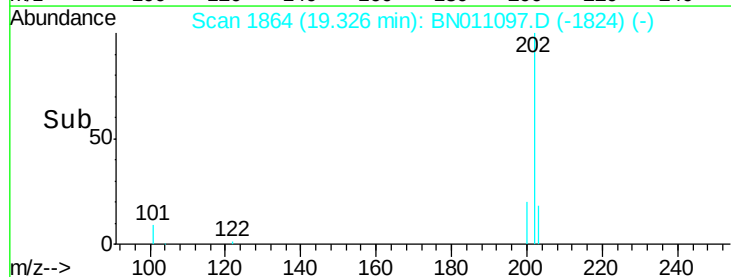
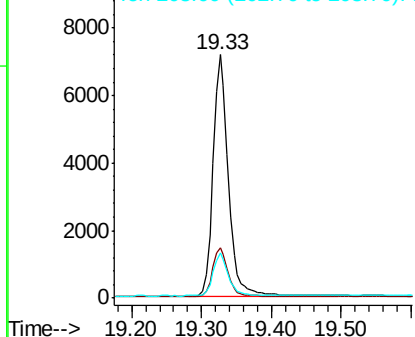


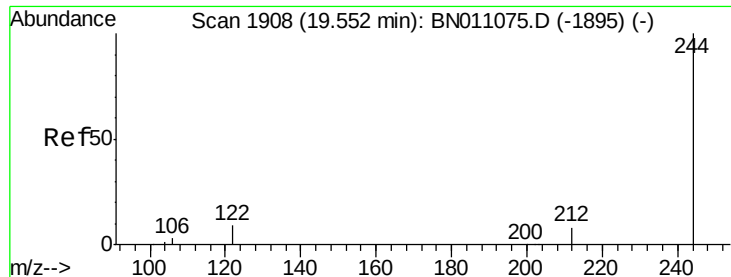
#30
 Pyrene
 Concen: 0.462 ng
 RT: 19.33 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: BN011097.D
 Acq: 06 Jul 2020 08:43

Tgt Ion:202 Resp: 10910
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.6 25.0
 203 17.8 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.451 ng

RT: 19.55 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

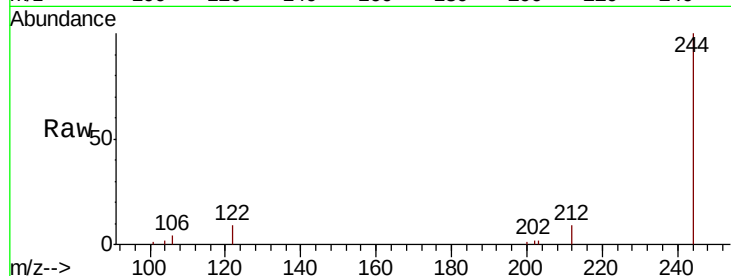
Tot Ion:244 Resp: 7434

Ion Ratio Lower Upper

244 100

212 9.2 7.5 11.3

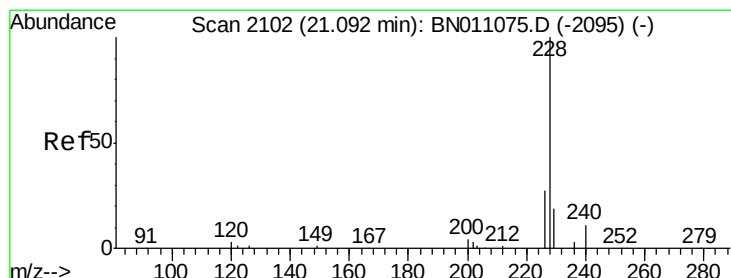
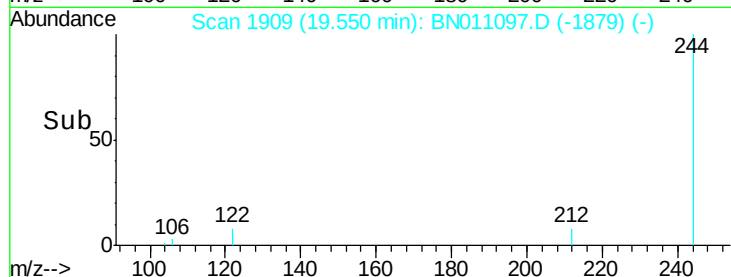
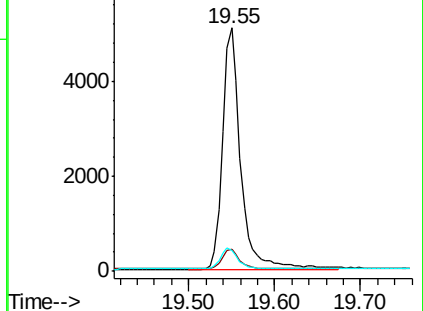
122 8.8 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 0.417 ng

RT: 21.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

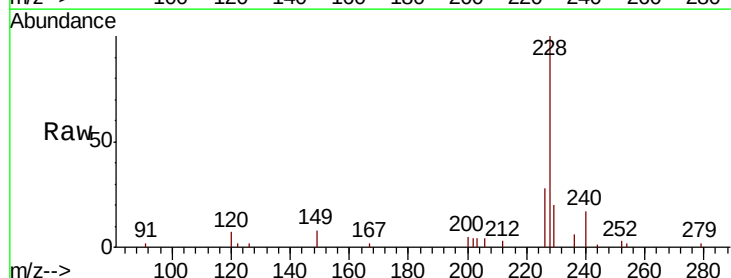
Tgt Ion:228 Resp: 8805

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

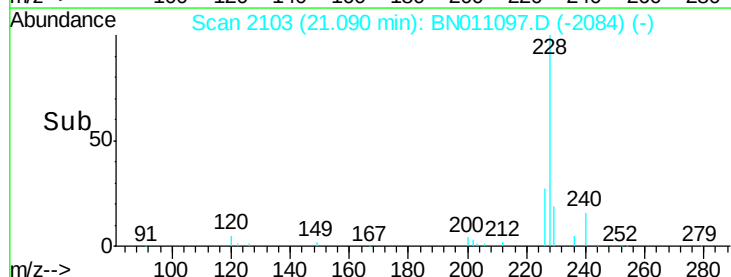
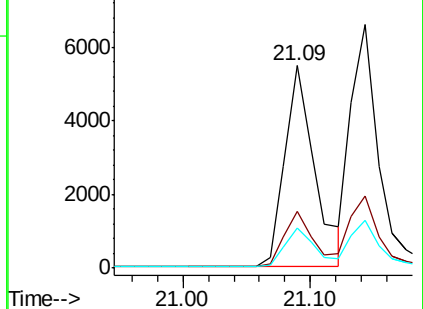
229 20.1 16.1 24.1

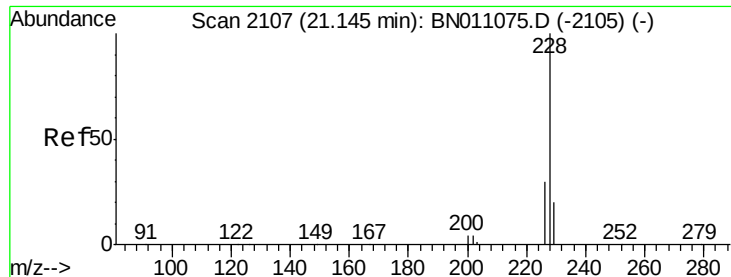


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.400 ng

RT: 21.14 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

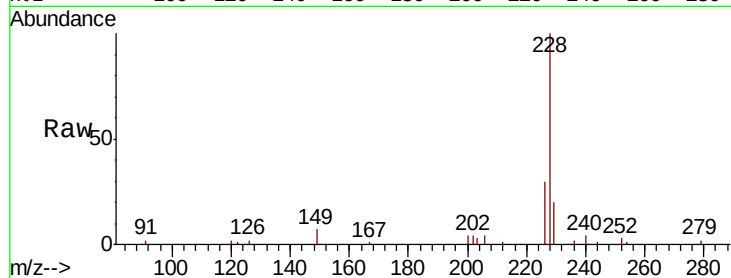
Tot Ion:228 Resp: 9695

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

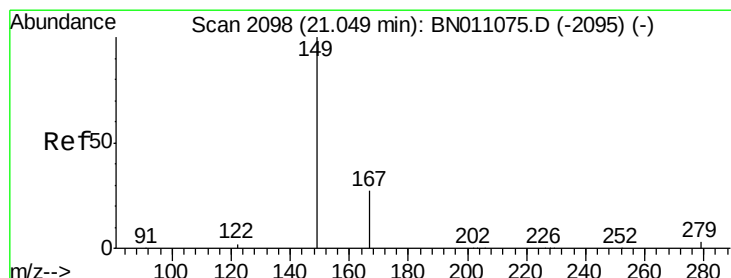
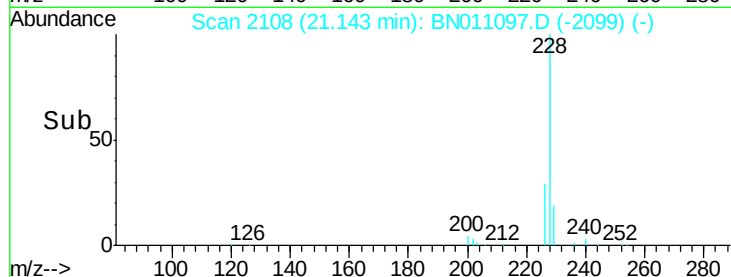
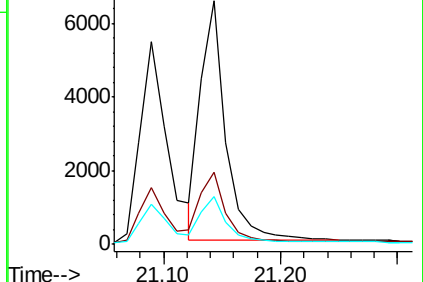
229 19.8 16.4 24.6



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.417 ng

RT: 21.05 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

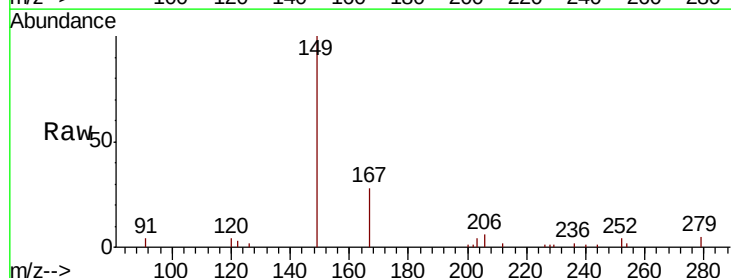
Tgt Ion:149 Resp: 3562

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

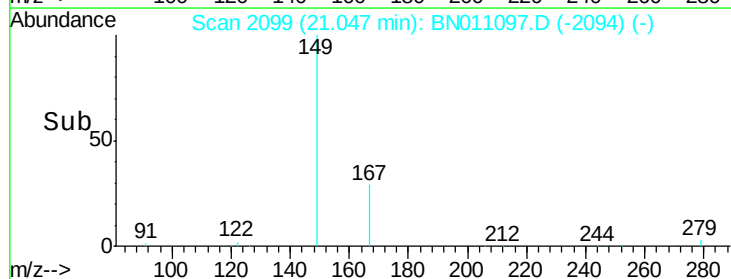
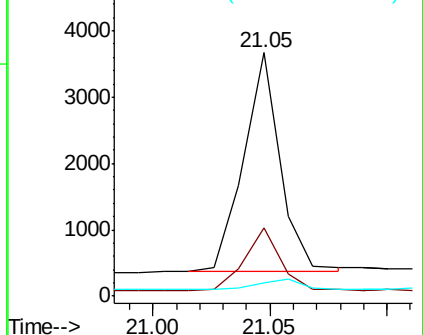
279 5.1 4.5 6.7

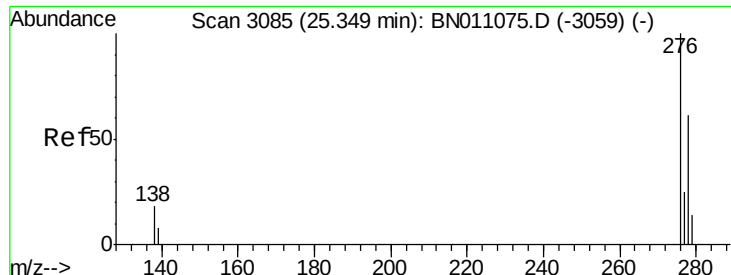


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

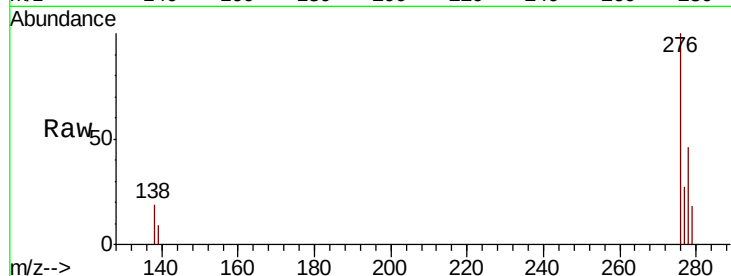




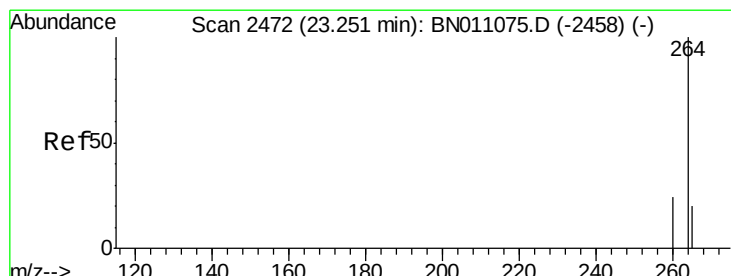
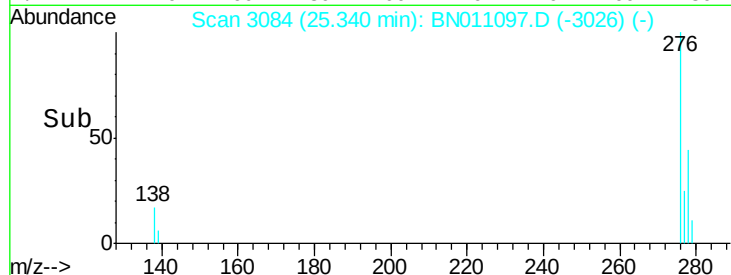
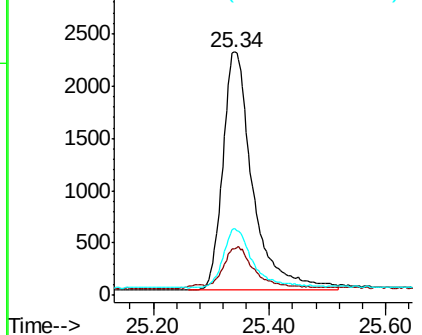
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.323 ng
 RT: 25.34 min Scan# 3084
 Delta R.T. 0.00 min
 Lab File: BN011097.D
 Acq: 06 Jul 2020 08:43

Instrument :
 BNA_N
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:276 Resp: 8197
 Ion Ratio Lower Upper
 276 100
 138 16.0 15.4 23.0
 277 23.8 19.4 29.0

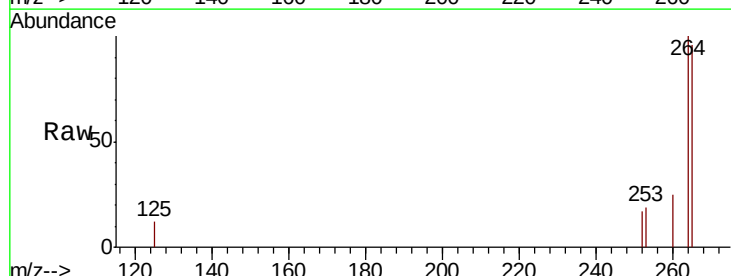


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

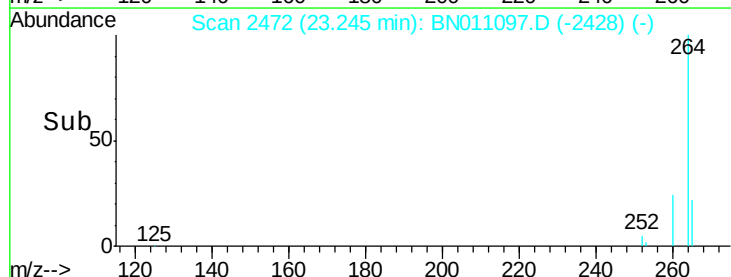
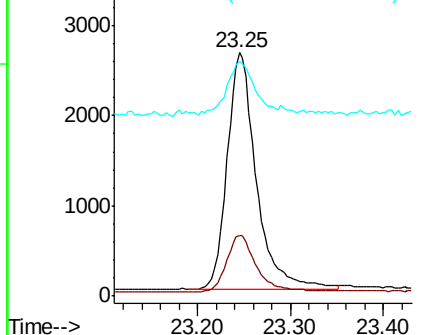


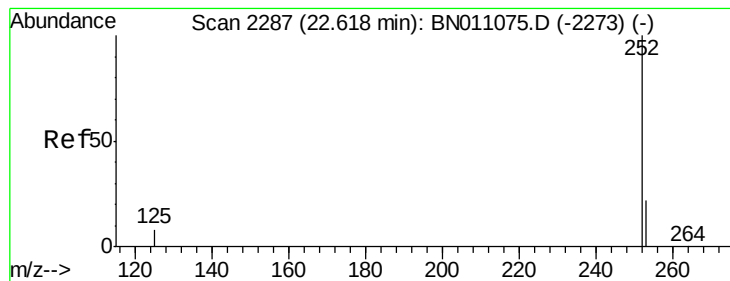
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BN011097.D
 Acq: 06 Jul 2020 08:43

Tgt Ion:264 Resp: 5759
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.4 30.6
 265 96.2 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: 0.396 ng

RT: 22.62 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

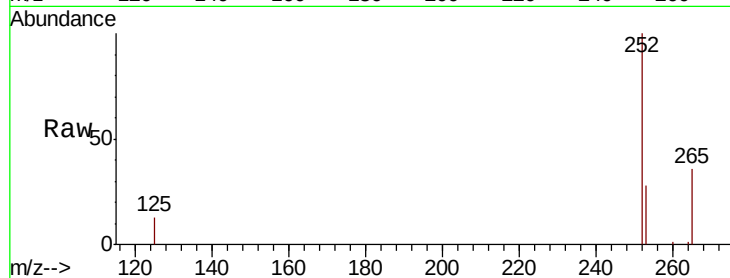
Tot Ion:252 Resp: 9150

Ion Ratio Lower Upper

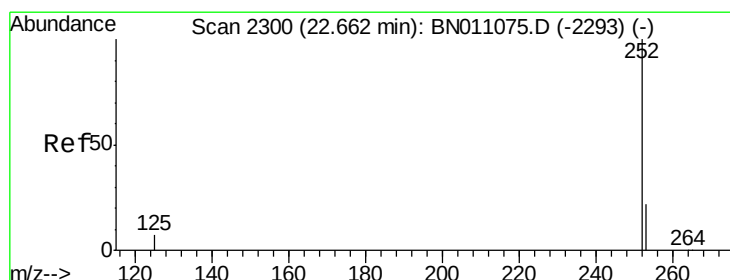
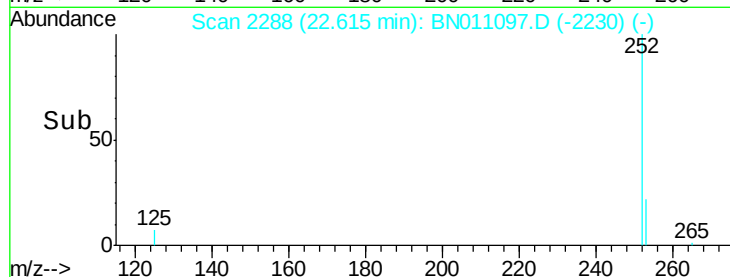
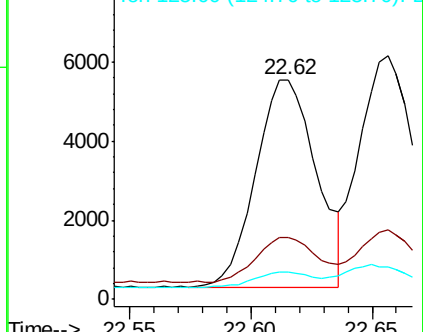
252 100

253 28.4 22.7 34.1

125 12.5 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: 0.422 ng

RT: 22.66 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

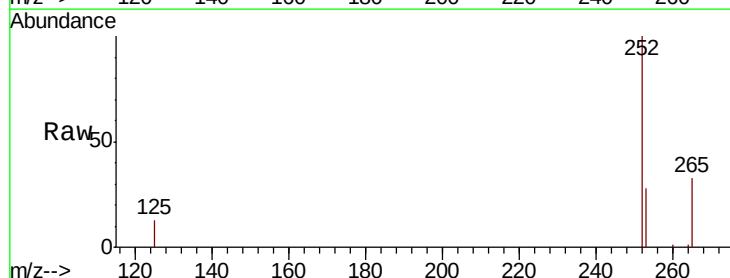
Tgt Ion:252 Resp: 10422

Ion Ratio Lower Upper

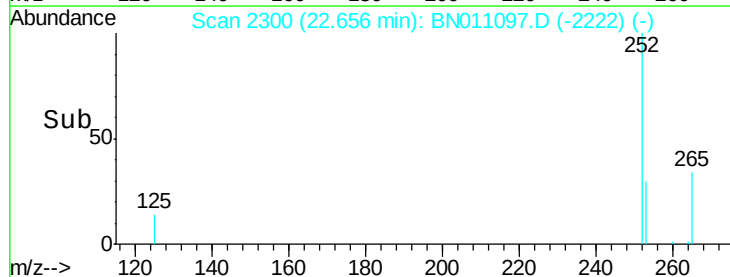
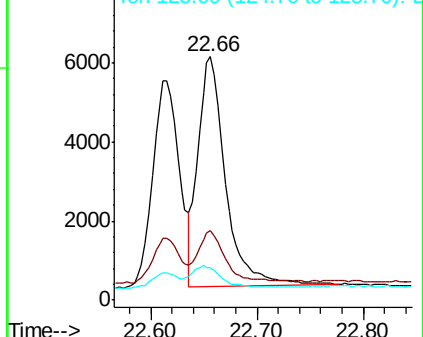
252 100

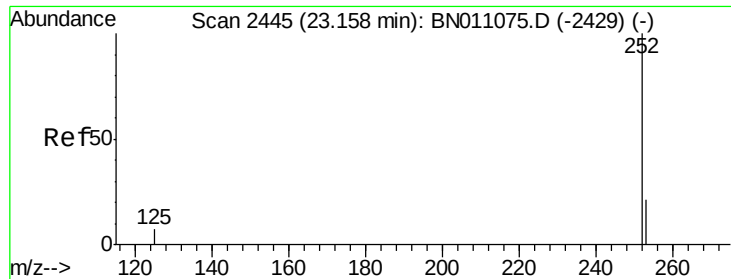
253 28.4 22.9 34.3

125 13.2 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: 0.401 ng

RT: 23.16 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

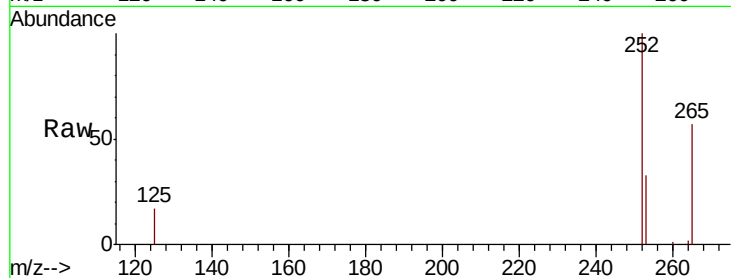
Tot Ion:252 Resp: 7982

Ion Ratio Lower Upper

252 100

253 33.0 25.9 38.9

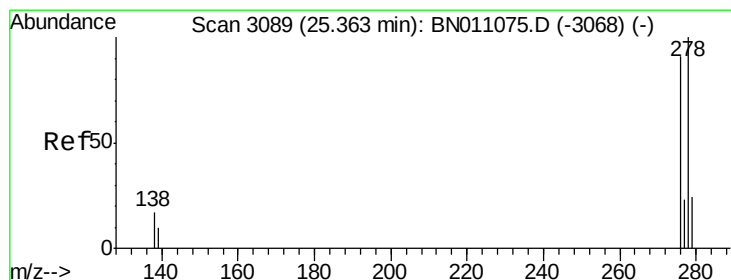
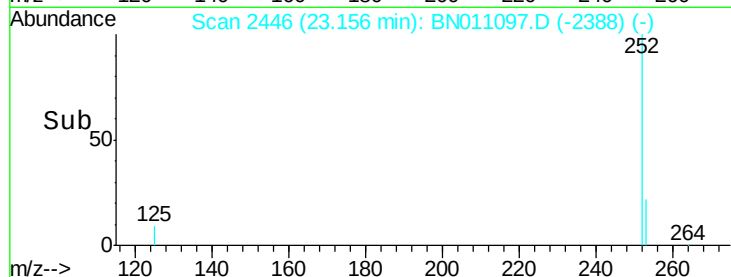
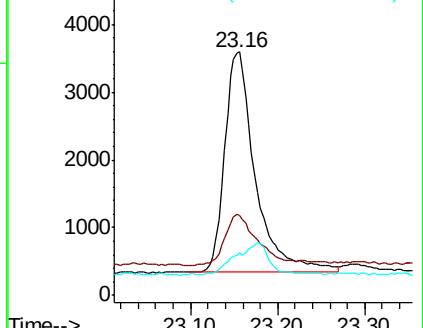
125 17.4 12.5 18.7



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: 0.276 ng

RT: 25.35 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

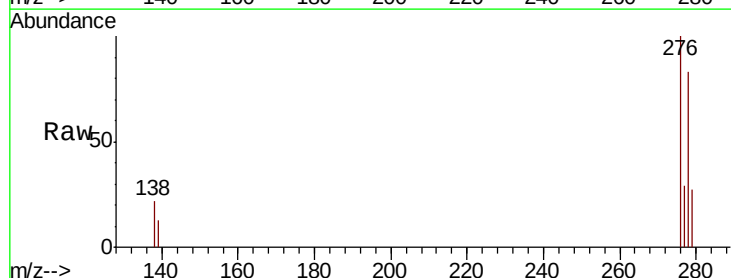
Tgt Ion:278 Resp: 5622

Ion Ratio Lower Upper

278 100

139 15.9 11.9 17.9

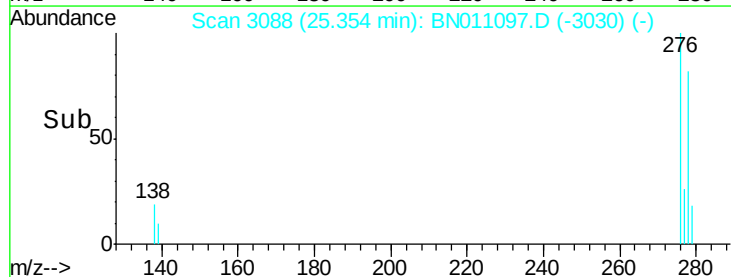
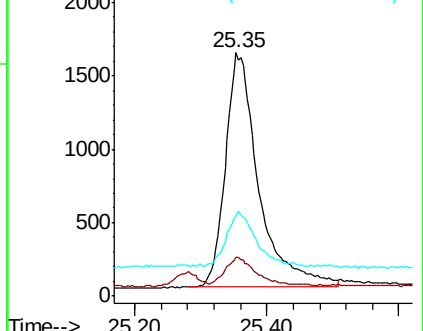
279 33.0 25.5 38.3

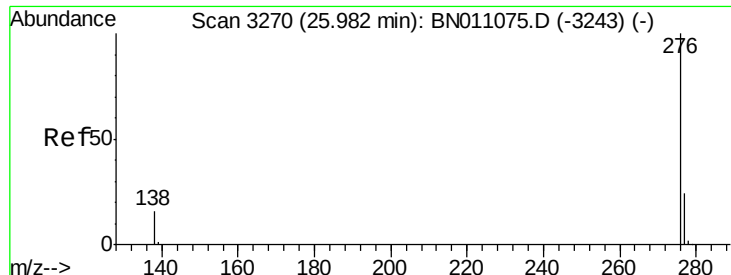


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.362 ng

RT: 25.97 min Scan# 3268

Delta R.T. 0.00 min

Lab File: BN011097.D

Acq: 06 Jul 2020 08:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

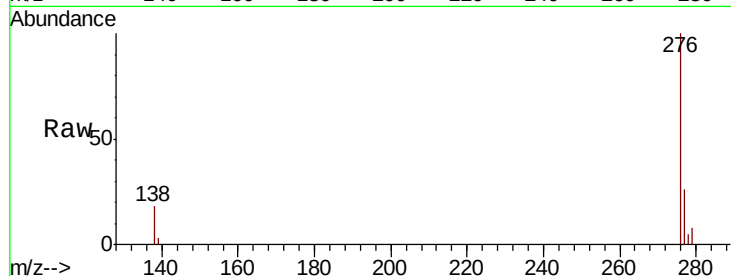
Tot Ion: 276 Resp: 8126

Ion Ratio Lower Upper

276 100

277 25.8 21.1 31.7

138 17.6 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

