

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
 Data File : BN011285.D
 Acq On : 28 Jul 2020 18:09
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jul 28 18:45:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 14:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1886	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	6909	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3796	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7278	0.40	ng	0.00
29) Chrysene-d12	21.08	240	5827	0.40	ng	-0.01
36) Perylene-d12	23.22	264	5955	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.14	112	1936	0.39	ng	0.00
5) Phenol-d6	6.68	99	2552	0.42	ng	0.00
8) Nitrobenzene-d5	8.63	82	2204	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.82	152	4420	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	563	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	6565	0.40	ng	0.00
27) Fluoranthene-d10	18.91	212	7907	0.36	ng	0.00
31) Terphenyl-d14	19.53	244	6015	0.34	ng	0.00

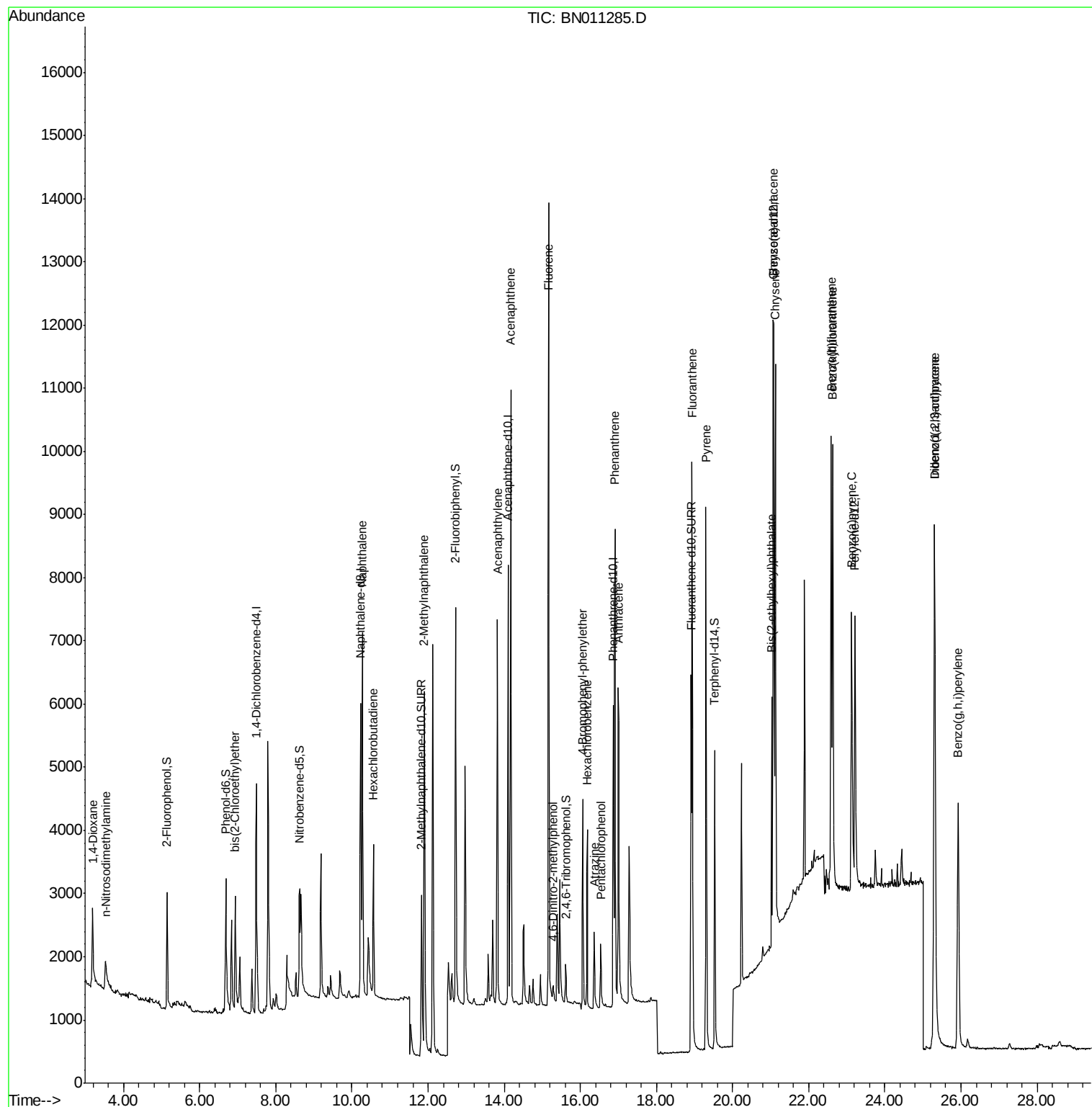
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1102	0.415	ng	97
3) n-Nitrosodimethylamine	3.52	42	541	0.398	ng	# 96
6) bis(2-Chloroethyl)ether	6.93	93	1887	0.376	ng	98
9) Naphthalene	10.28	128	7890	0.385	ng	99
10) Hexachlorobutadiene	10.57	225	1827	0.368	ng	# 100
12) 2-Methylnaphthalene	11.90	142	5108	0.351	ng	98
16) Acenaphthylene	13.82	152	7439	0.381	ng	99
17) Acenaphthene	14.17	154	4786	0.375	ng	99
18) Fluorene	15.17	166	5907	0.361	ng	98
20) 4,6-Dinitro-2-methylphenol	15.28	198	410	0.463	ng	93
21) 4-Bromophenyl-phenylether	16.07	248	1794	0.372	ng	97
22) Hexachlorobenzene	16.18	284	2161	0.395	ng	97
23) Atrazine	16.36	200	1315	0.350	ng	98
24) Pentachlorophenol	16.53	266	608	0.358	ng	97
25) Phenanthrene	16.91	178	8605	0.363	ng	99
26) Anthracene	16.99	178	7111	0.361	ng	99
28) Fluoranthene	18.94	202	9355	0.347	ng	99
30) Pyrene	19.30	202	8841	0.337	ng	100
32) Benzo(a)anthracene	21.07	228	8015	0.410	ng	99
33) Chrysene	21.12	228	8232	0.376	ng	99
34) Bis(2-ethylhexyl)phthalate	21.03	149	3223	0.308	ng	98
35) Indeno(1,2,3-cd)pyrene	25.30	276	10630	0.497	ng	96
37) Benzo(b)fluoranthene	22.59	252	8563	0.361	ng	99
38) Benzo(k)fluoranthene	22.63	252	9199	0.352	ng	99
39) Benzo(a)pyrene	23.12	252	7521	0.365	ng	98
40) Dibenzo(a,h)anthracene	25.31	278	8392	0.394	ng	98
41) Benzo(g,h,i)perylene	25.92	276	8384	0.355	ng	99

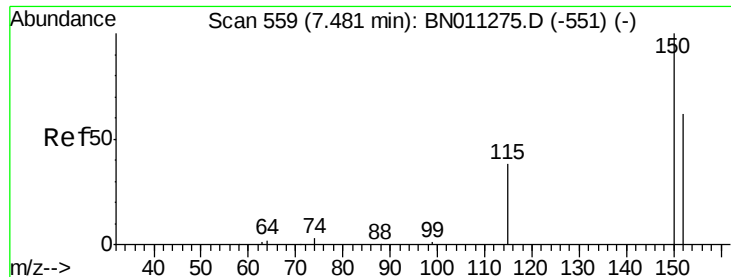
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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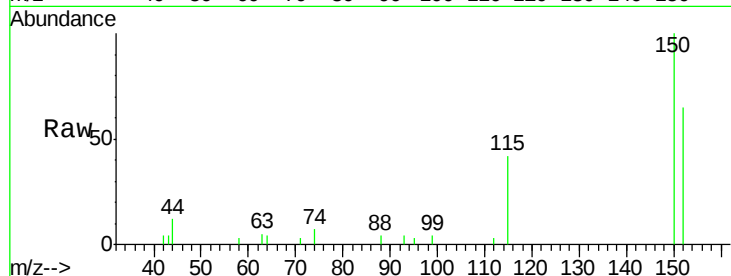


#1

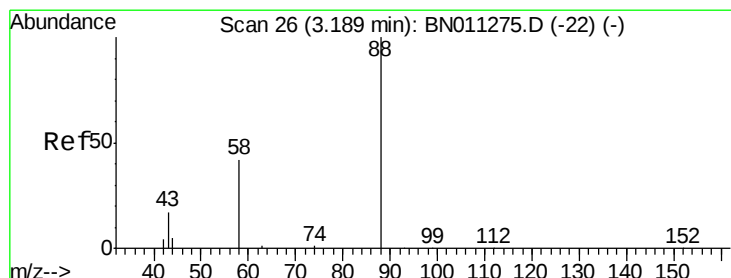
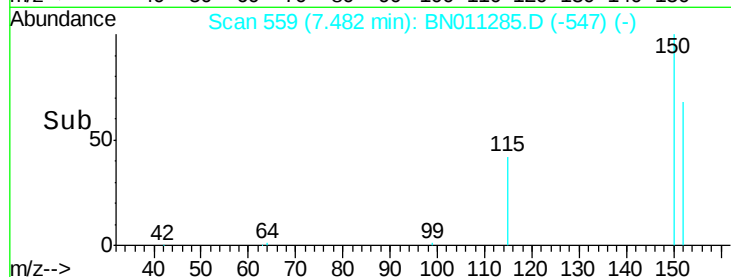
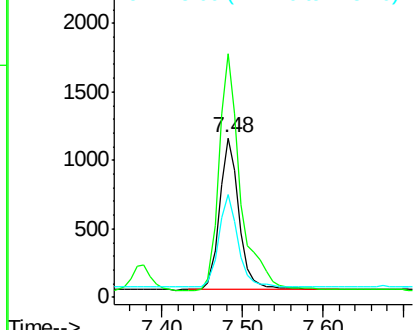
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 559
Delta R.T. 0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 1886
Ion Ratio Lower Upper
152 100
150 153.0 126.5 189.7
115 64.6 51.9 77.9



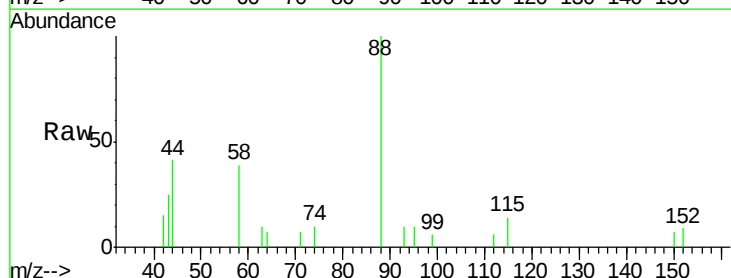
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



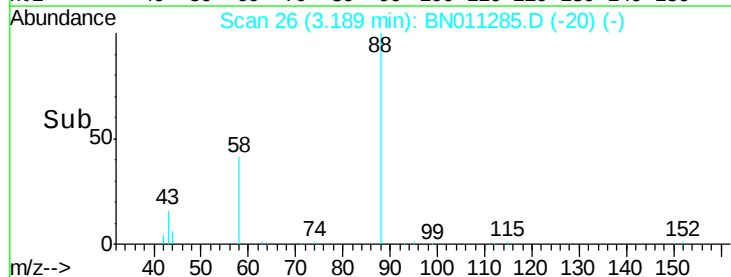
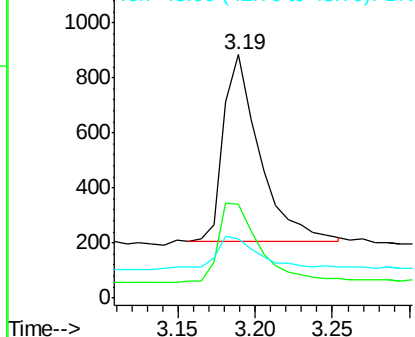
#2

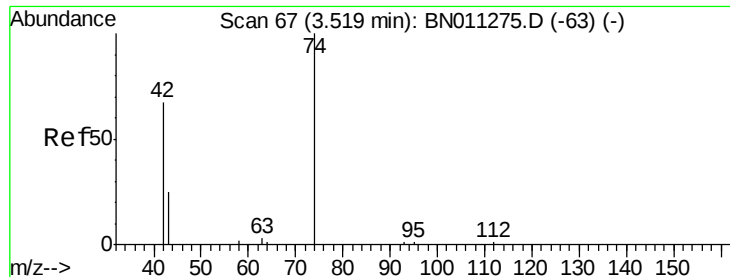
1,4-Dioxane
Concen: 0.415 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

Tgt Ion: 88 Resp: 1102
Ion Ratio Lower Upper
88 100
58 46.9 36.5 54.7
43 17.3 16.1 24.1



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: 0.398 ng

RT: 3.52 min Scan# 67

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

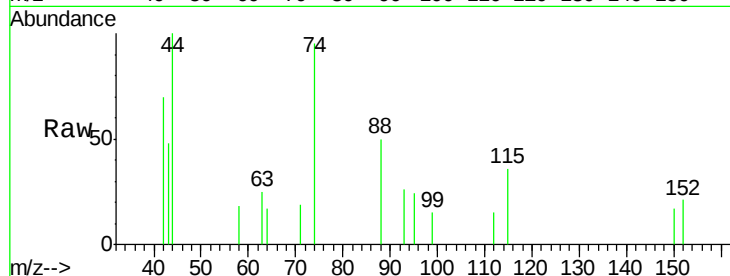
Tot Ion: 42 Resp: 541

Ion Ratio Lower Upper

42 100

74 175.2 144.2 216.2

44 19.6 11.1 16.7#

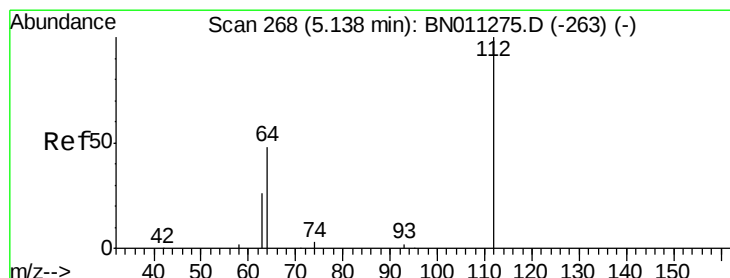
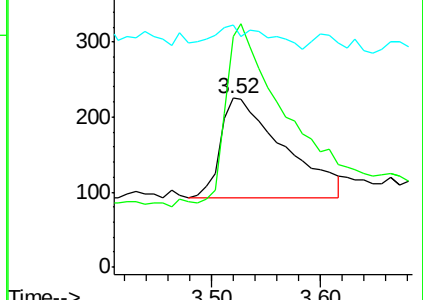
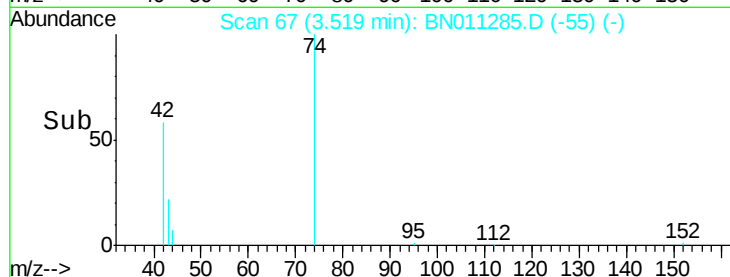


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

Time-->



#4

2-Fluorophenol

Concen: 0.391 ng

RT: 5.14 min Scan# 268

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

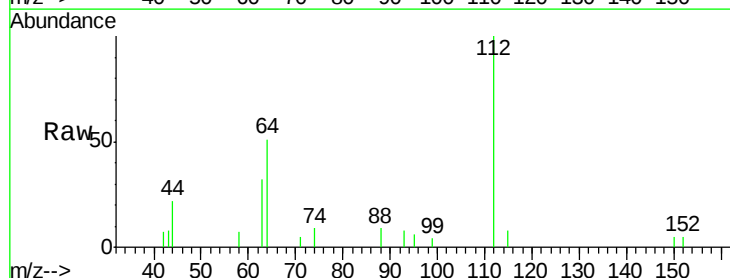
Tgt Ion: 112 Resp: 1936

Ion Ratio Lower Upper

112 100

64 45.8 35.8 53.6

63 24.9 19.3 28.9

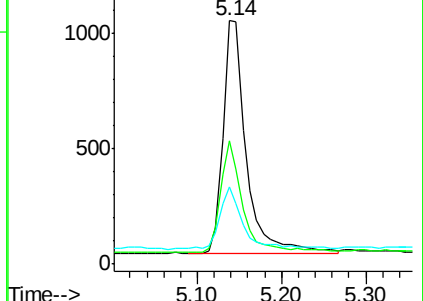
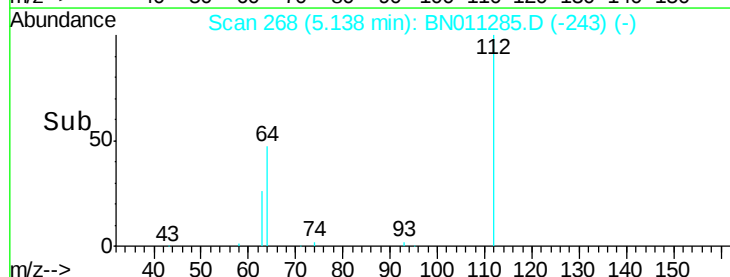


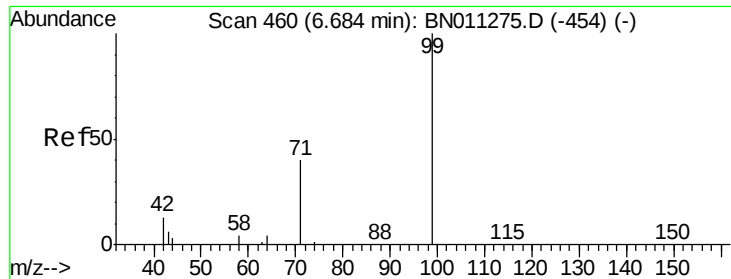
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Time-->





#5

Phenol-d6

Concen: 0.423 ng

RT: 6.68 min Scan# 460

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

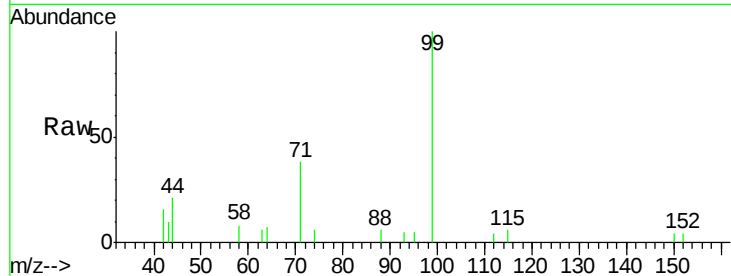
Tot Ion: 99 Resp: 2552

Ion Ratio Lower Upper

99 100

42 13.4 11.2 16.8

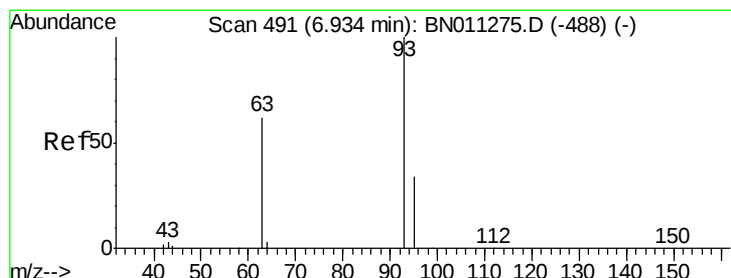
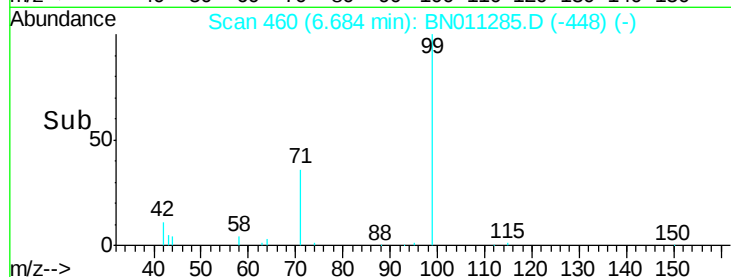
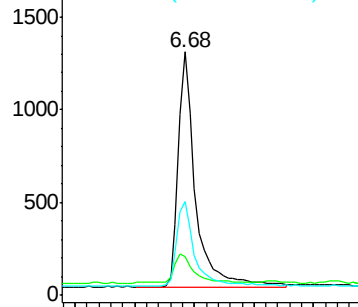
71 37.1 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011285.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011285.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN011285.D (-454) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.376 ng

RT: 6.93 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

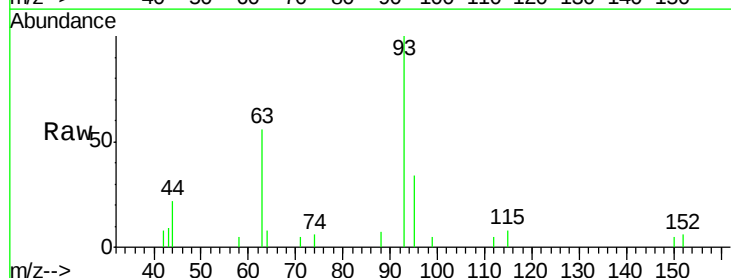
Tgt Ion: 93 Resp: 1887

Ion Ratio Lower Upper

93 100

63 58.2 47.8 71.6

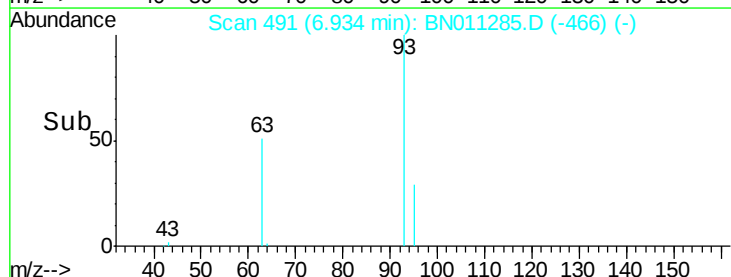
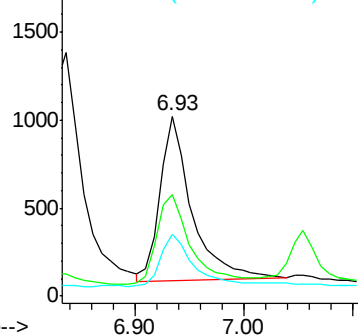
95 33.1 27.1 40.7

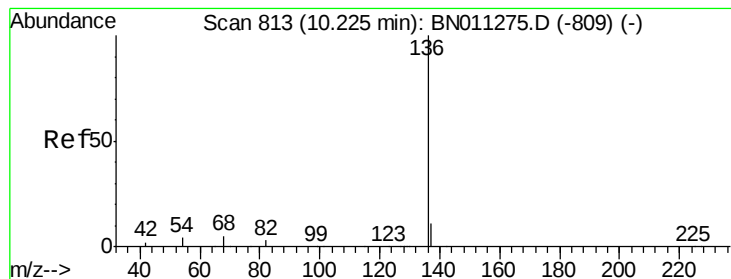


Abundance Ion 93.00 (92.70 to 93.70): BN011285.D (-488) (-)

Ion 63.00 (62.70 to 63.70): BN011285.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011285.D (-488) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 6909

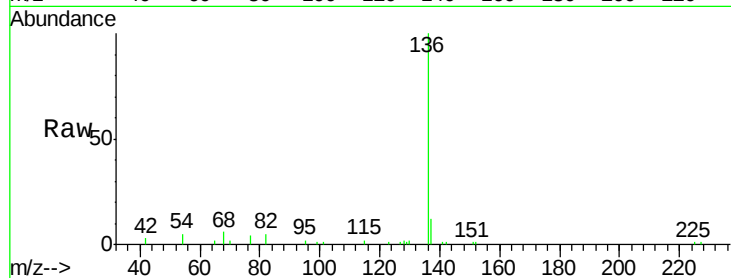
Ion Ratio Lower Upper

136 100

137 11.9 9.9 14.9

54 5.5 4.8 7.2

68 5.9 4.9 7.3

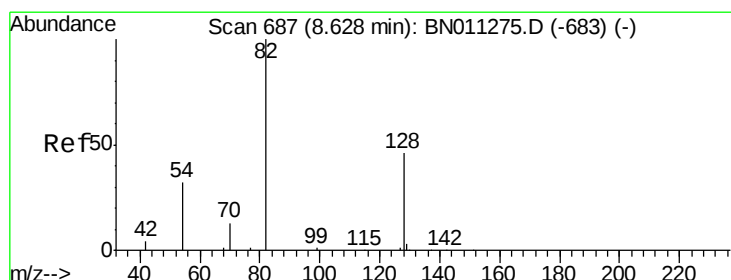
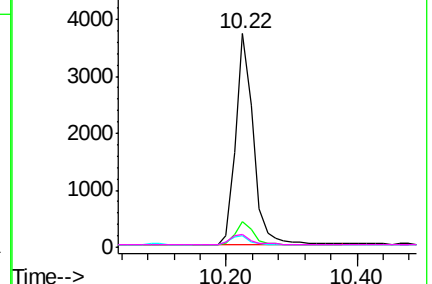
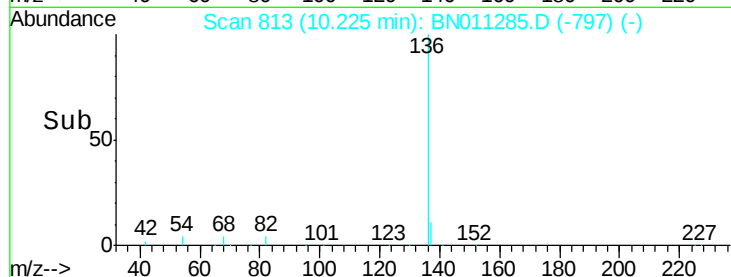


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.357 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

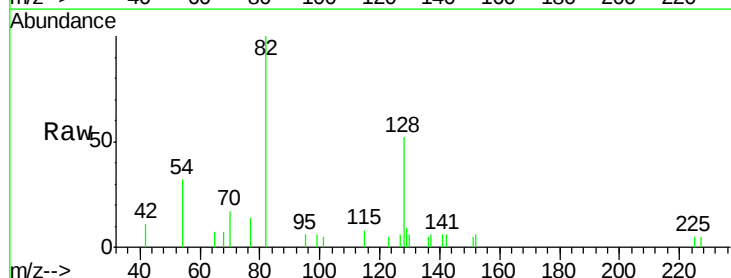
Tgt Ion: 82 Resp: 2204

Ion Ratio Lower Upper

82 100

128 52.2 40.1 60.1

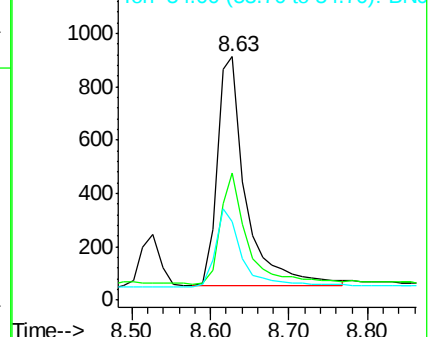
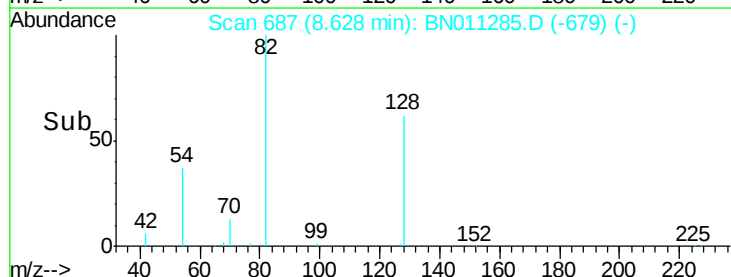
54 32.3 29.0 43.6

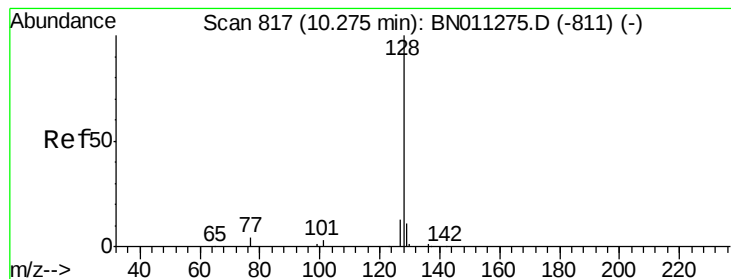


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.385 ng

RT: 10.28 min Scan# 817

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

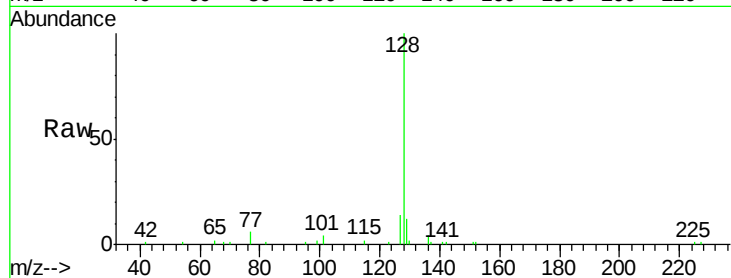
Tot Ion:128 Resp: 7890

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

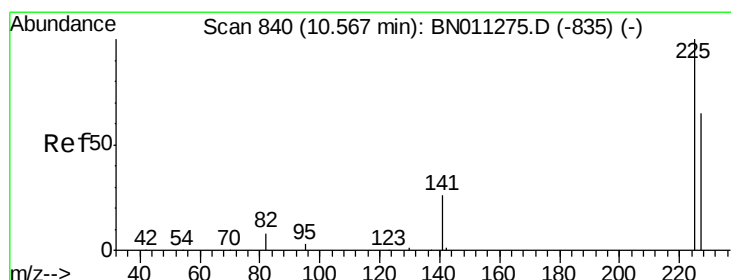
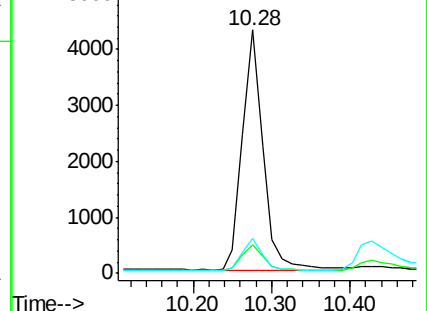
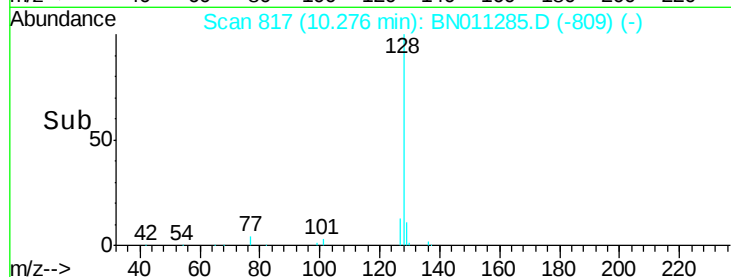
127 14.1 11.5 17.3



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: 0.368 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

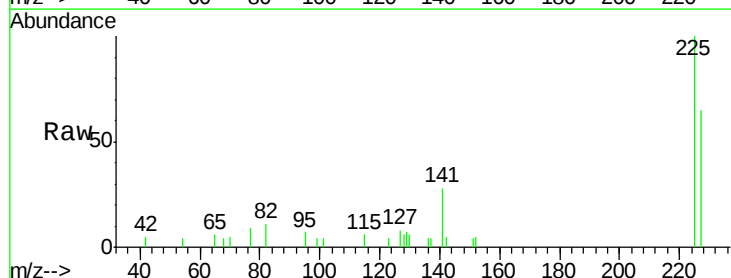
Tgt Ion:225 Resp: 1827

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

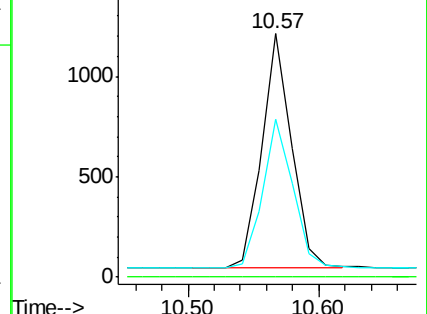
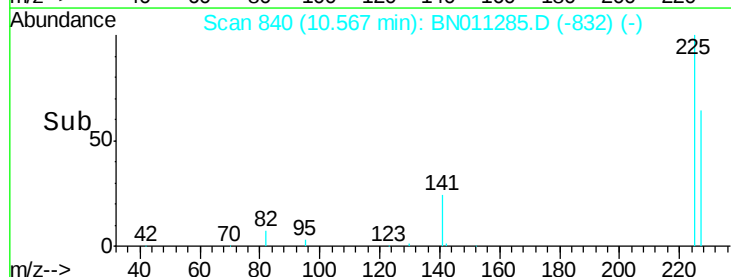
227 64.9 51.7 77.5

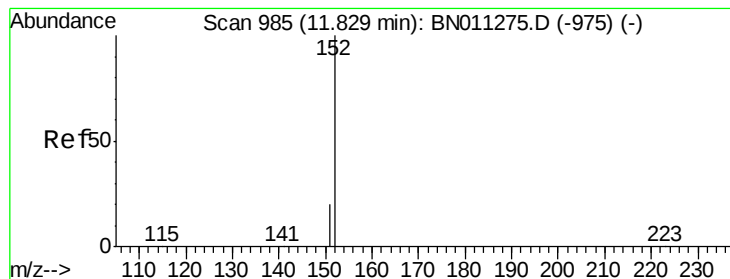


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 11.82 min Scan# 984

Delta R.T. -0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

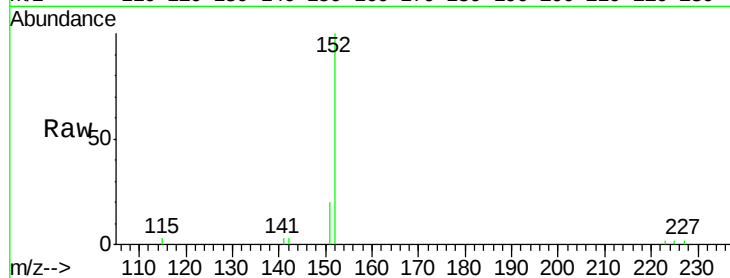
SSTDCCC0.4EC

Tot Ion:152 Resp: 4420

Ion Ratio Lower Upper

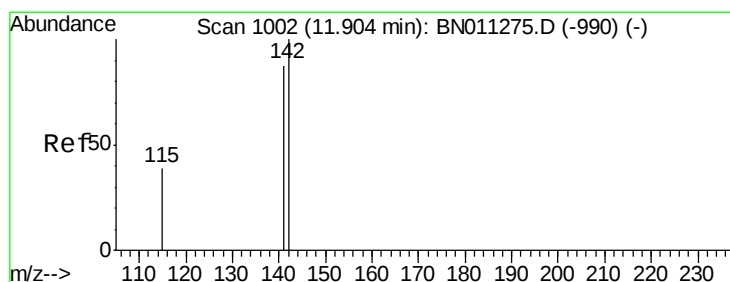
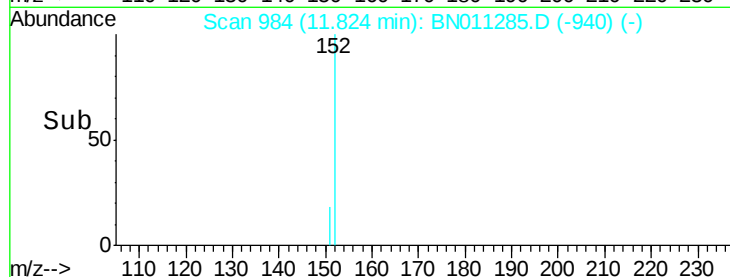
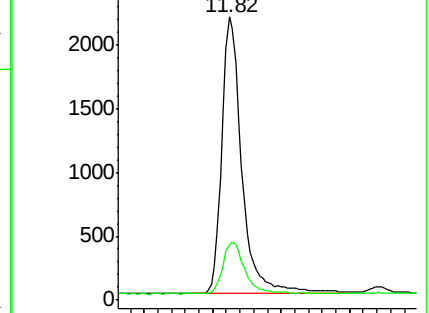
152 100

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



#12

2-Methylnaphthalene

Concen: 0.351 ng

RT: 11.90 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

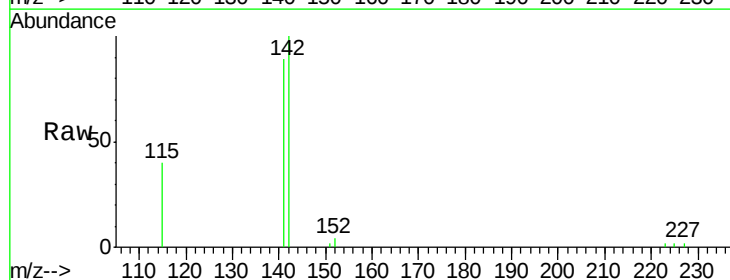
Tgt Ion:142 Resp: 5108

Ion Ratio Lower Upper

142 100

141 89.2 69.6 104.4

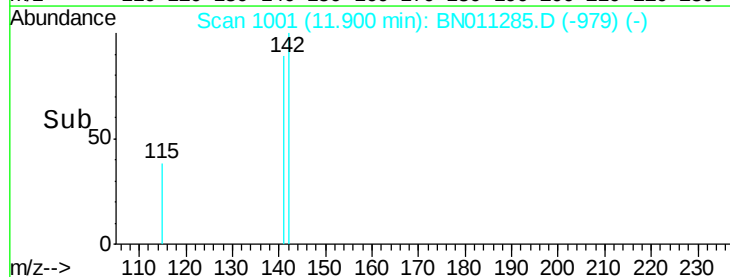
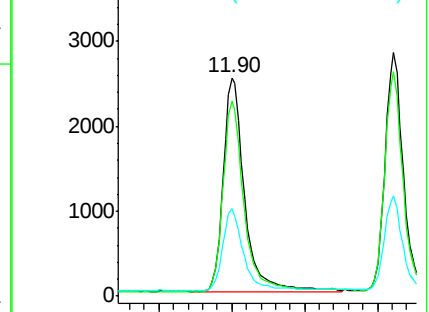
115 40.1 32.5 48.7

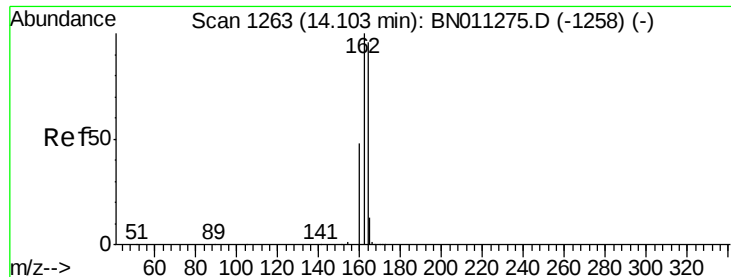


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

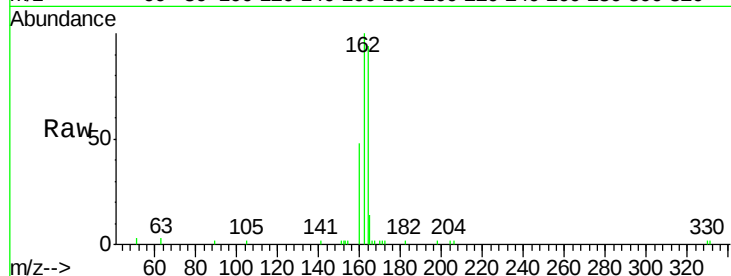
Tot Ion:164 Resp: 3796

Ion Ratio Lower Upper

164 100

162 105.9 83.6 125.4

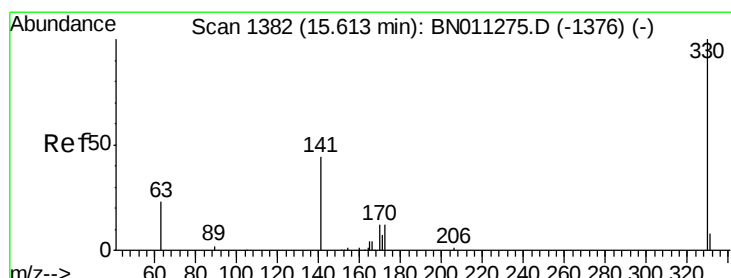
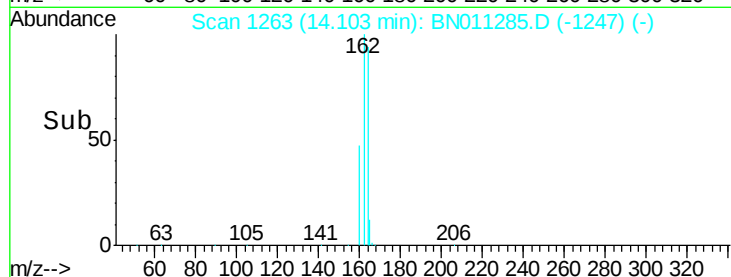
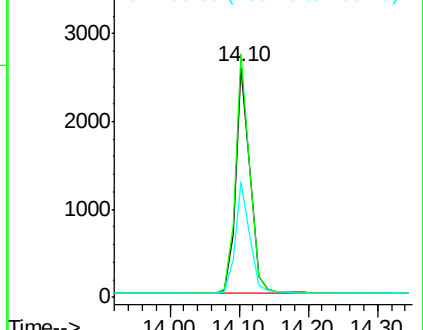
160 50.5 41.2 61.8



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: 0.321 ng

RT: 15.61 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

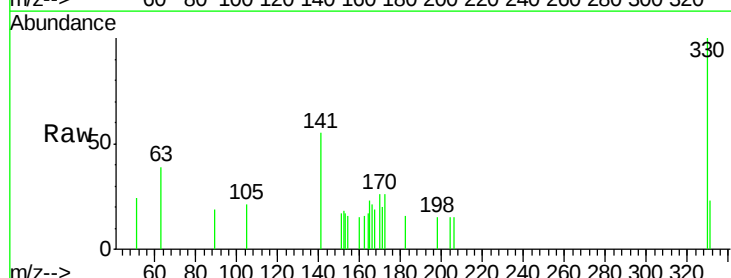
Tgt Ion:330 Resp: 563

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

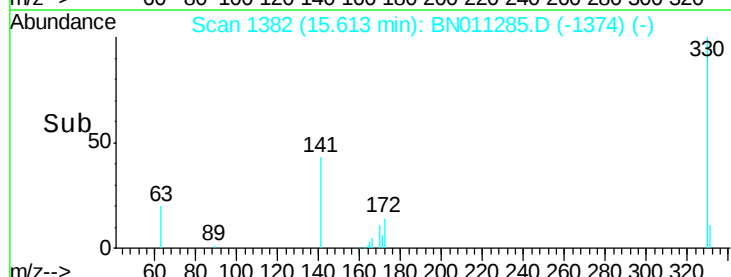
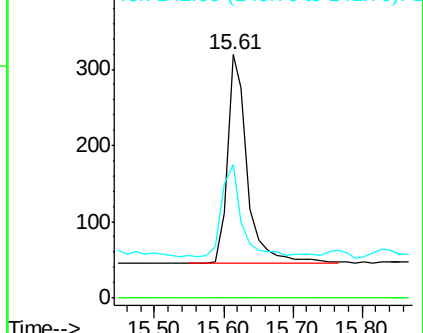
141 43.0 34.2 51.2

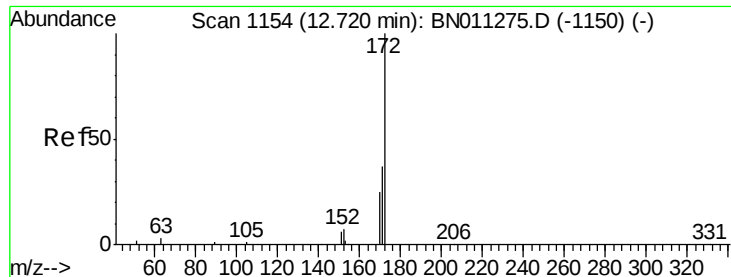


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

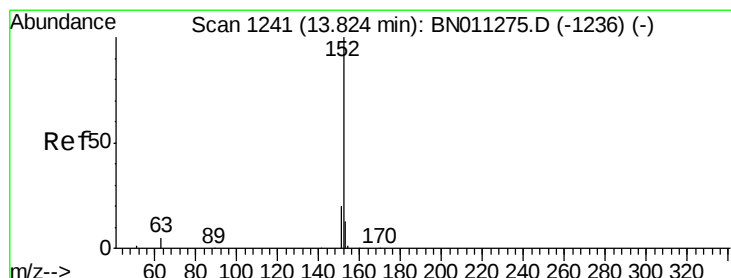
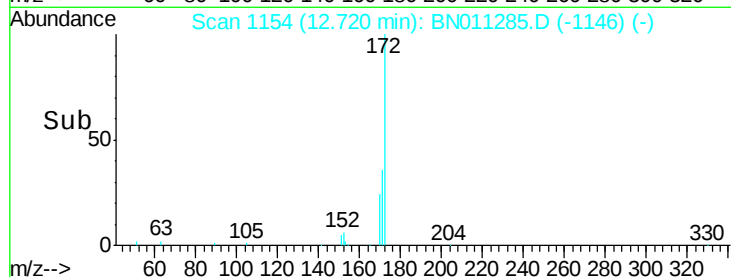
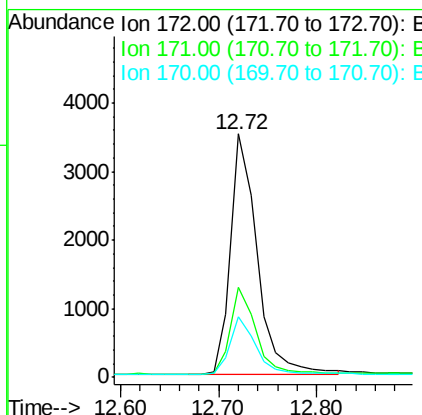
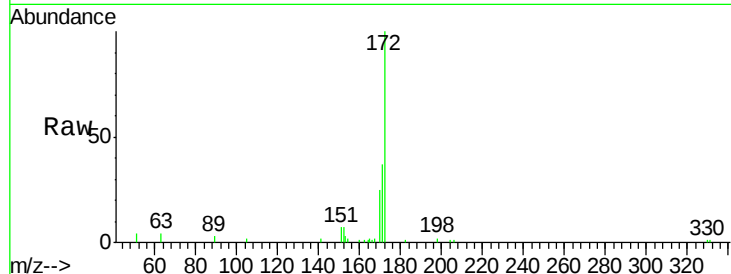




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.72 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

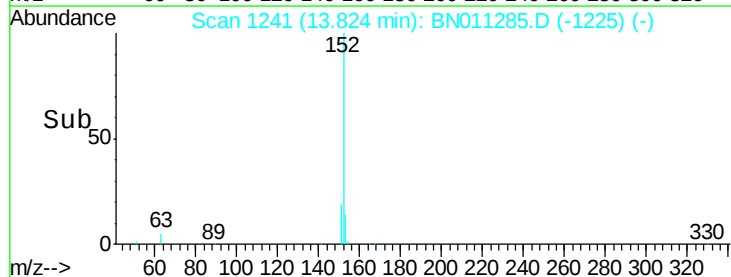
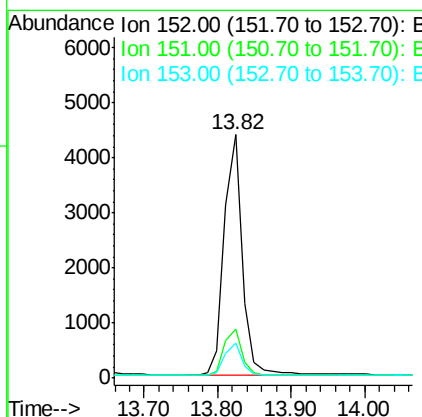
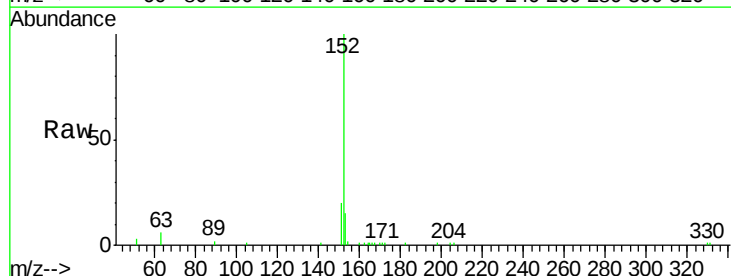
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

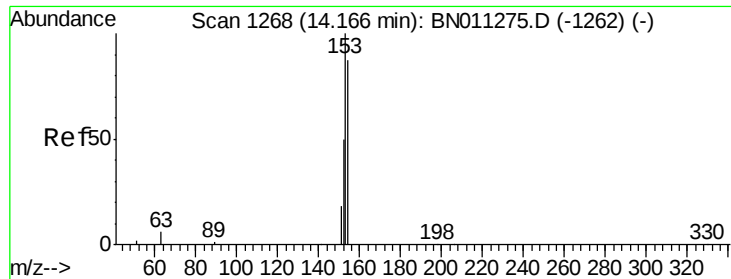
Tot Ion:172 Resp: 6565
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 25.0 21.0 31.4



#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

Tgt Ion:152 Resp: 7439
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.6 10.2 15.4





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.17 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

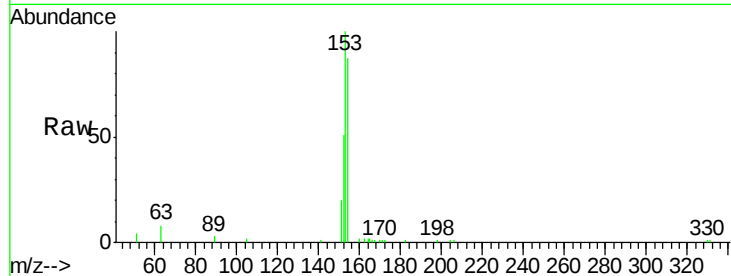
Tot Ion:154 Resp: 4786

Ion Ratio Lower Upper

154 100

153 114.9 91.3 136.9

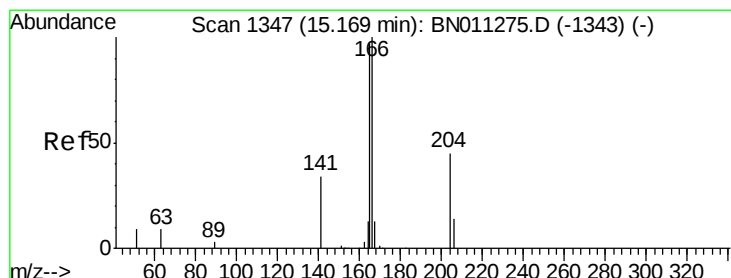
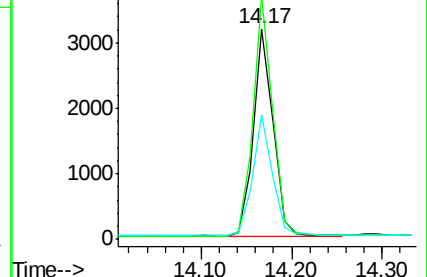
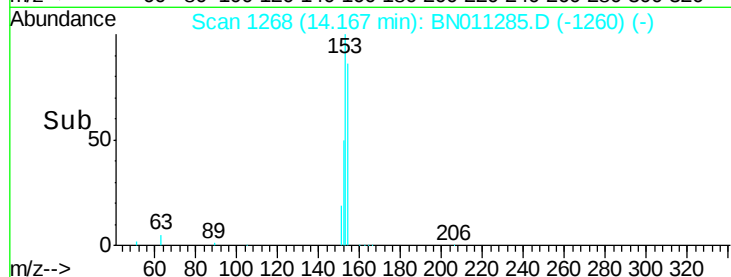
152 58.0 45.8 68.6



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: 0.361 ng

RT: 15.17 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

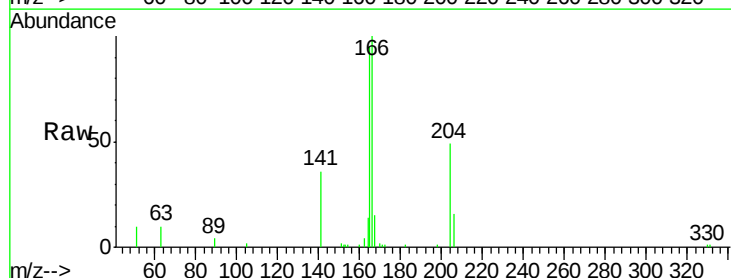
Tgt Ion:166 Resp: 5907

Ion Ratio Lower Upper

166 100

165 97.8 79.6 119.4

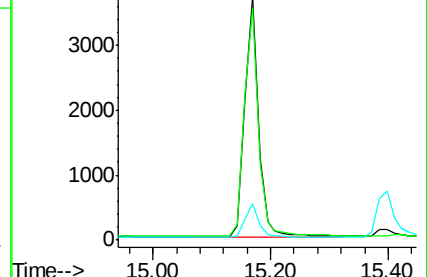
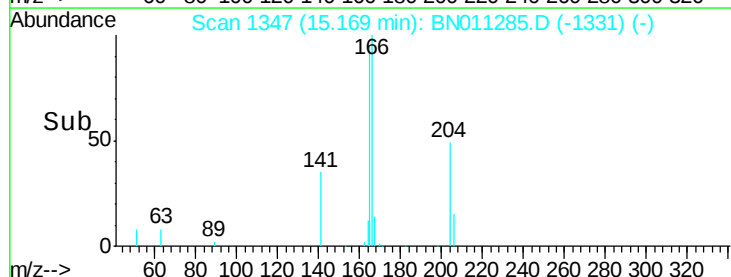
167 13.6 10.8 16.2

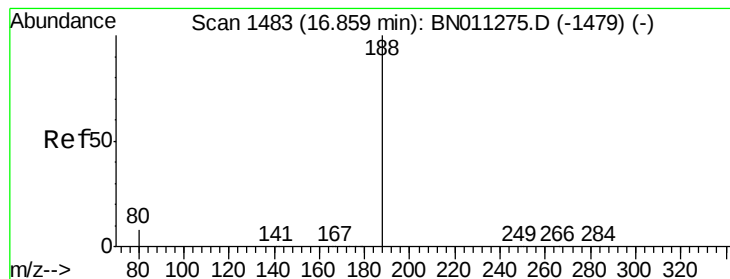


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

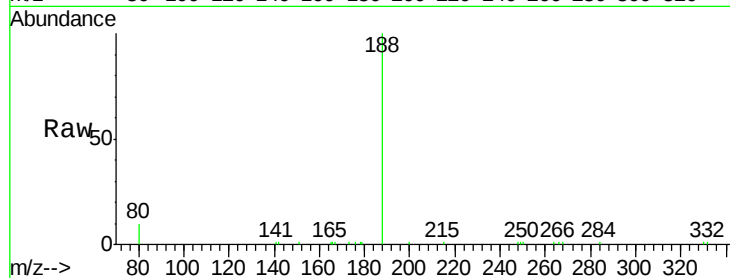
Tot Ion:188 Resp: 7278

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

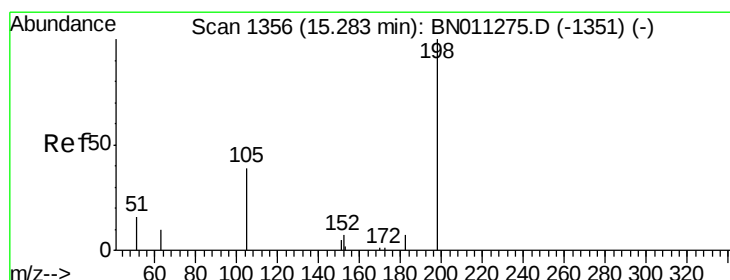
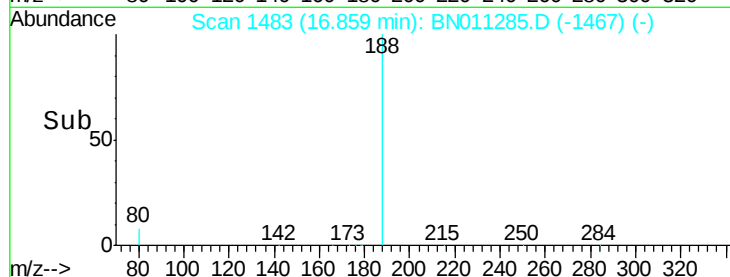
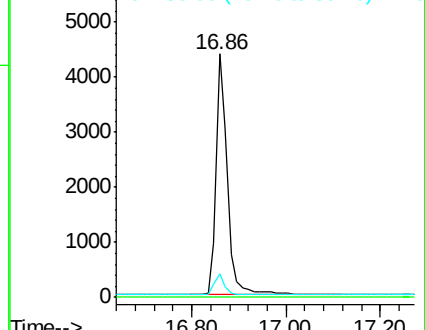
80 9.5 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.463 ng

RT: 15.28 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

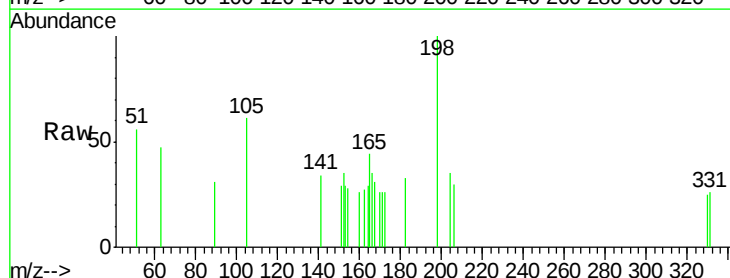
Tgt Ion:198 Resp: 410

Ion Ratio Lower Upper

198 100

51 56.2 49.0 73.6

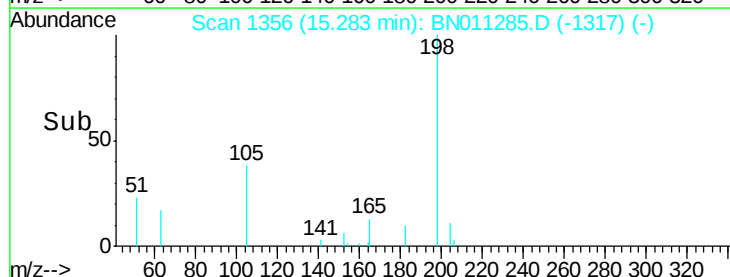
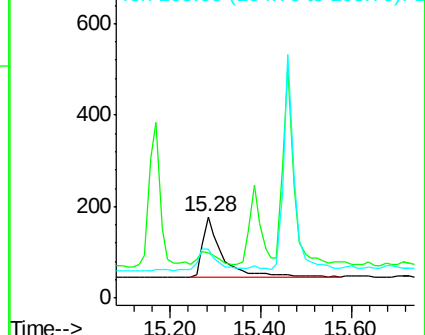
105 60.7 53.8 80.6

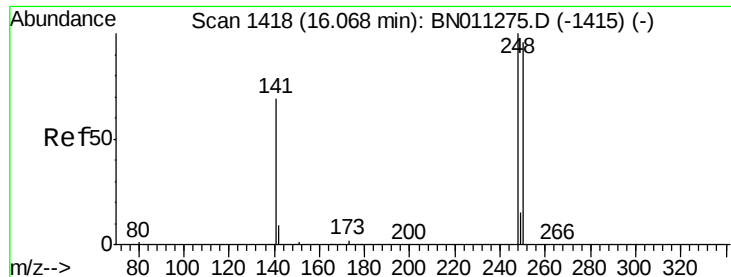


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

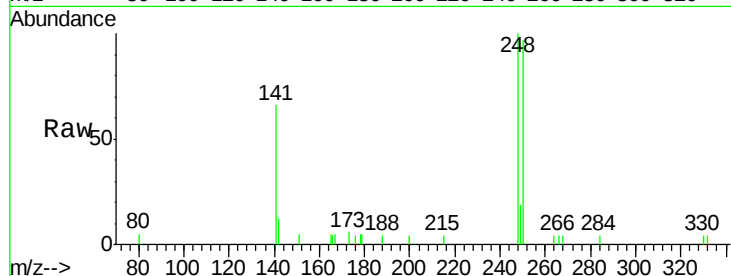




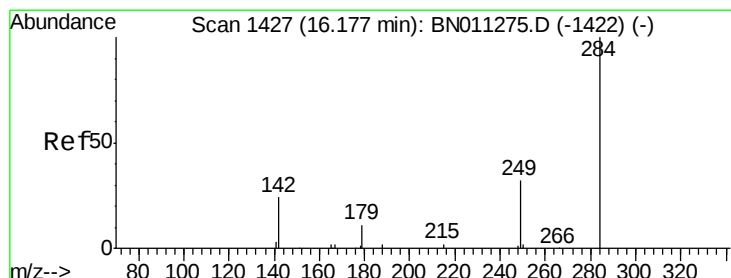
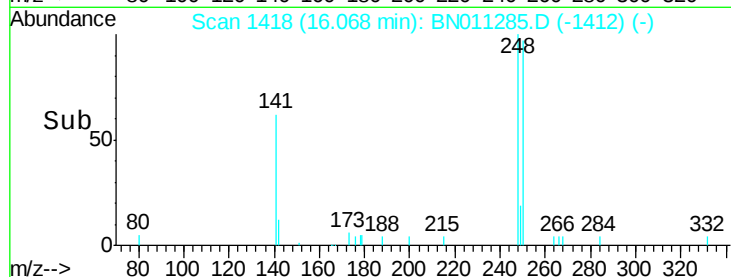
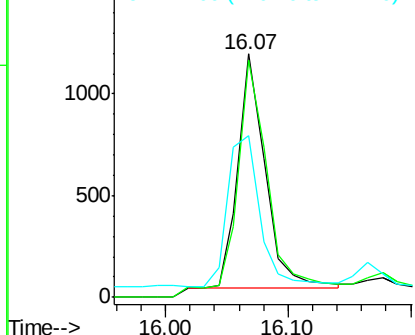
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.07 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 1794
Ion Ratio Lower Upper
248 100
250 97.3 77.2 115.8
141 66.5 56.5 84.7

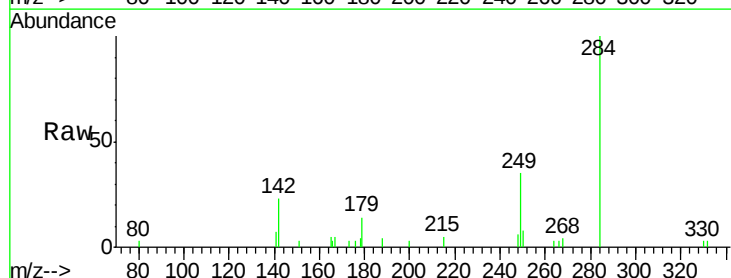


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

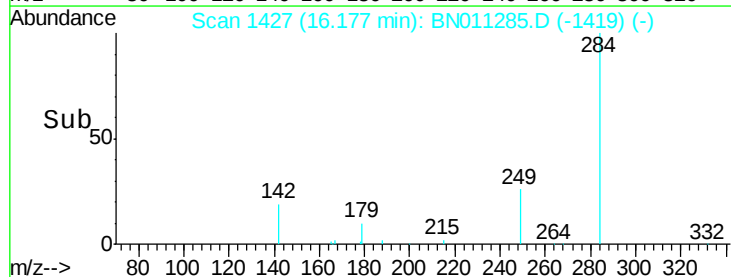
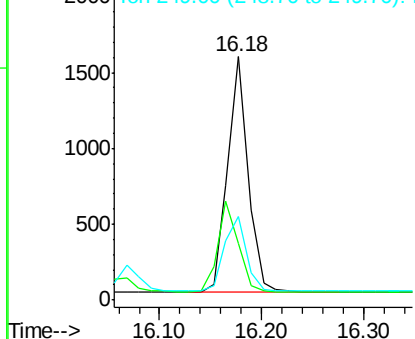


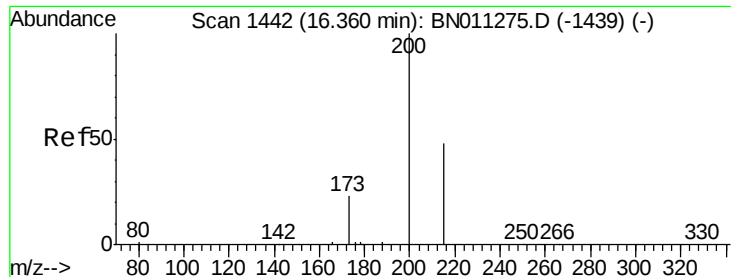
#22
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.18 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

Tgt Ion:284 Resp: 2161
Ion Ratio Lower Upper
284 100
142 39.1 32.8 49.2
249 34.6 26.6 40.0



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

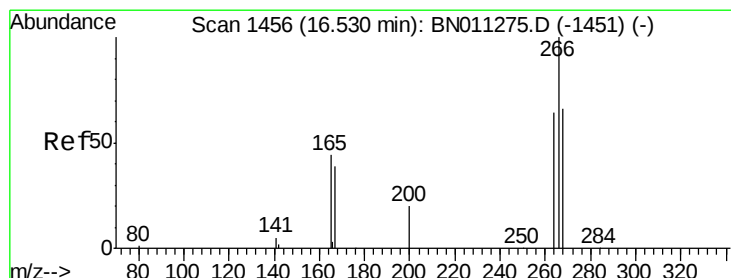
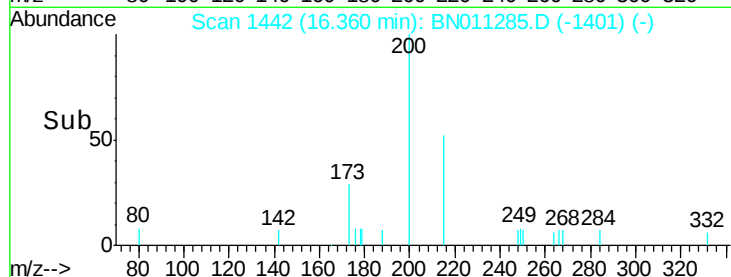
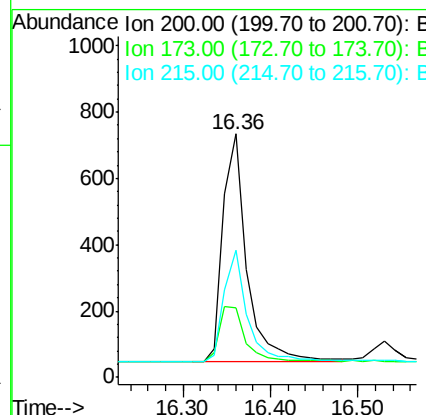
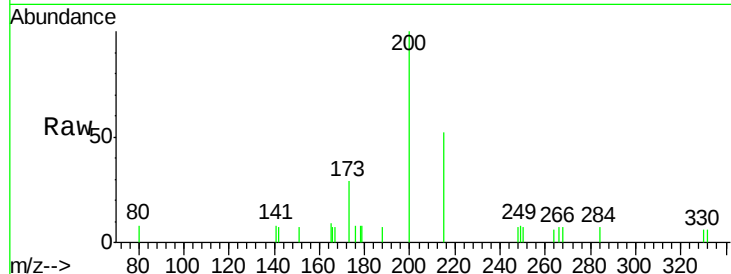




#23
Atrazine
Concen: 0.350 ng
RT: 16.36 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

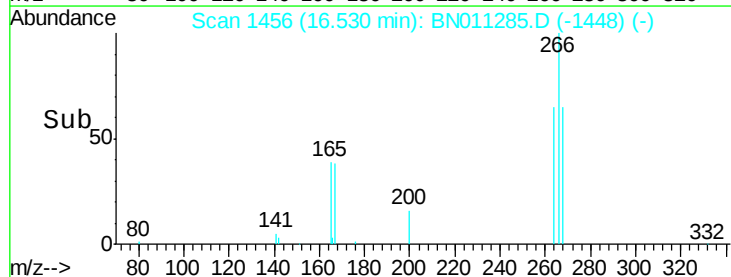
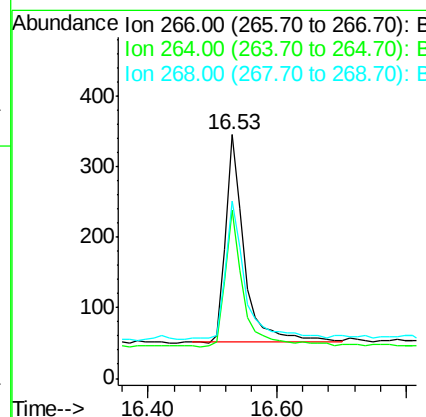
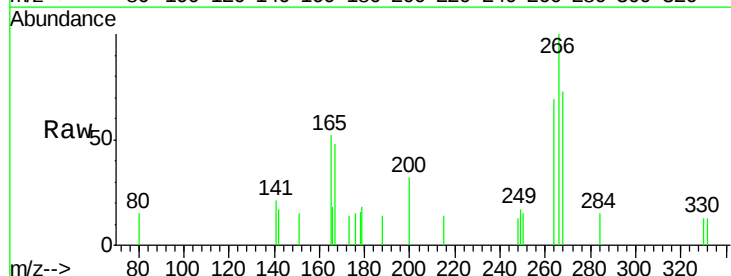
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

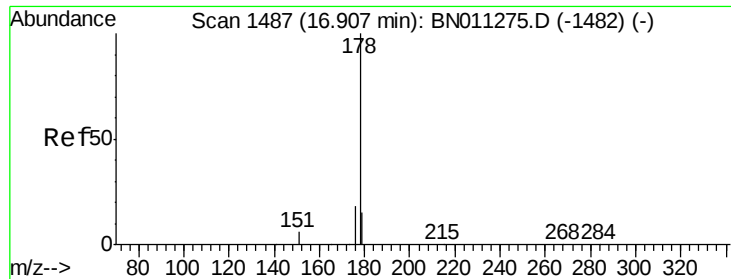
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	22.0	33.0
215	52.5	41.1	61.7



#24
Pentachlorophenol
Concen: 0.358 ng
RT: 16.53 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.9	51.1	76.7
268	68.1	55.5	83.3





#25

Phenanthrene

Concen: 0.363 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

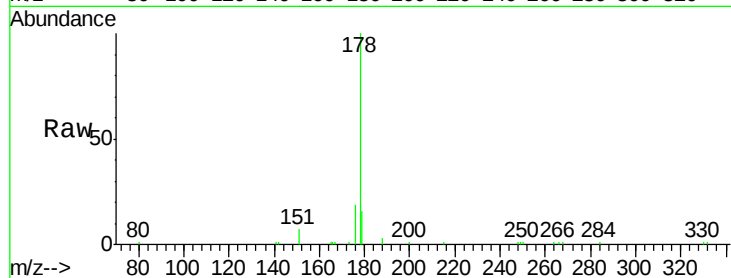
Tot Ion:178 Resp: 8605

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

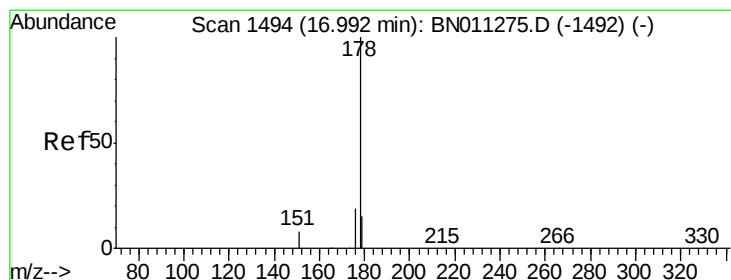
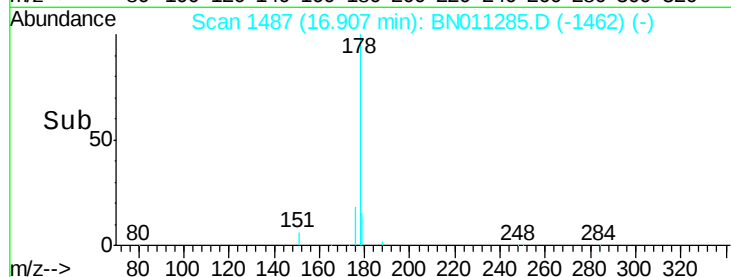
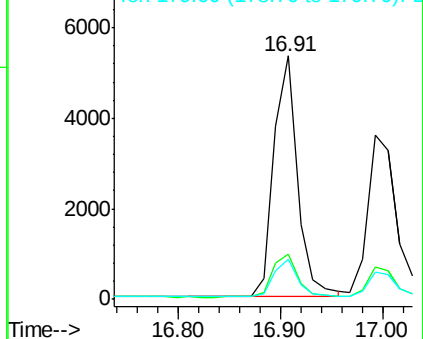
179 15.4 12.2 18.4



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: 0.361 ng

RT: 16.99 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

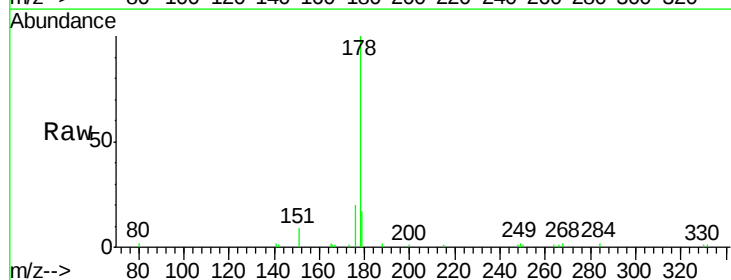
Tgt Ion:178 Resp: 7111

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.6

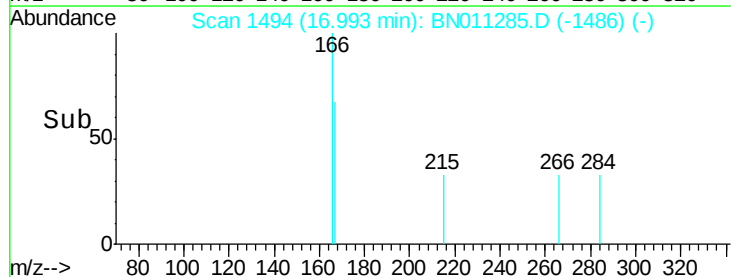
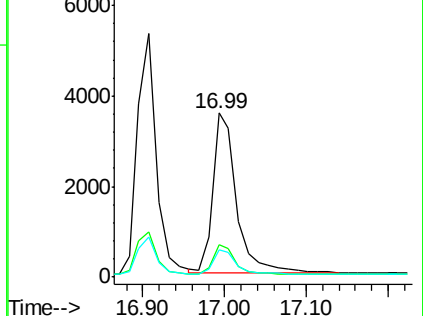
179 14.8 12.1 18.1

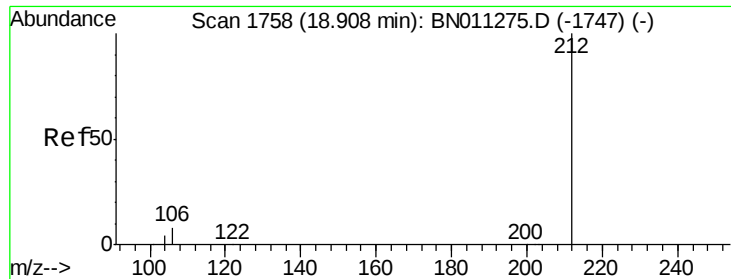


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.356 ng

RT: 18.91 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

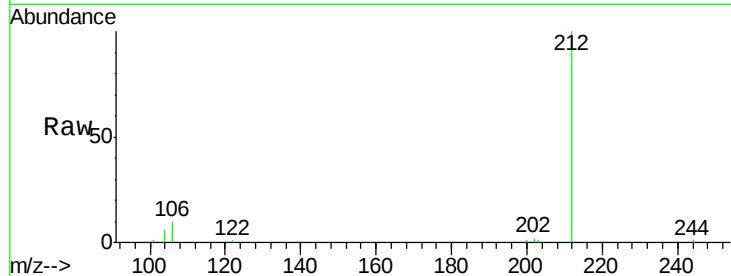
Tot Ion:212 Resp: 7907

Ion Ratio Lower Upper

212 100

106 9.4 6.9 10.3

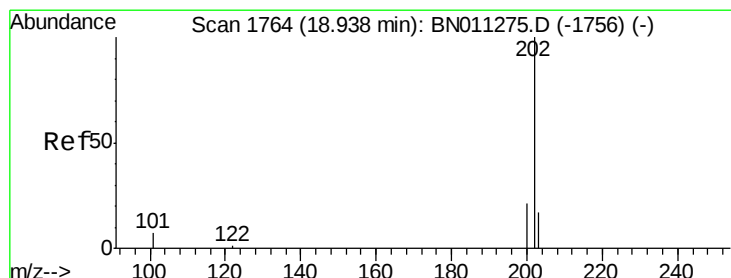
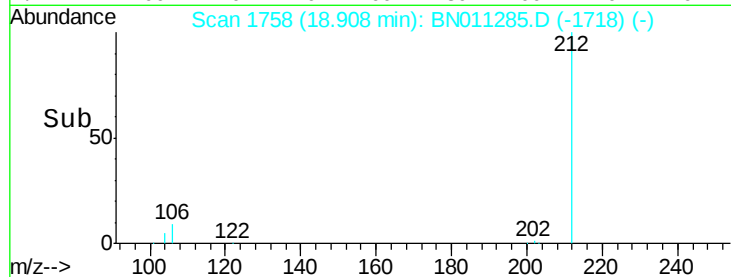
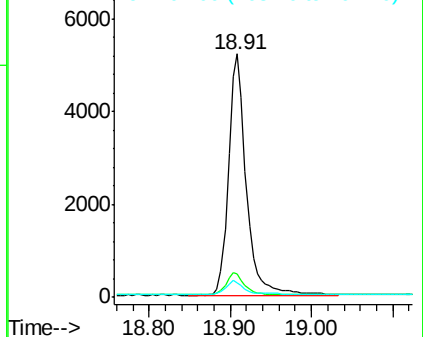
104 5.6 4.2 6.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 0.347 ng

RT: 18.94 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

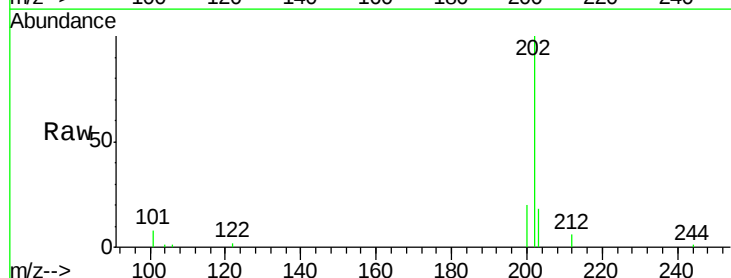
Tgt Ion:202 Resp: 9355

Ion Ratio Lower Upper

202 100

101 8.2 5.9 8.9

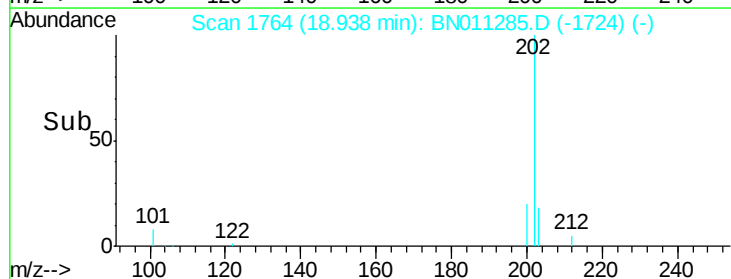
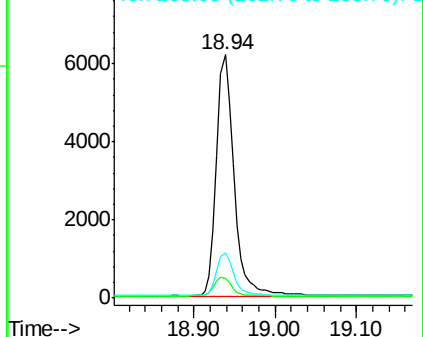
203 17.0 13.7 20.5

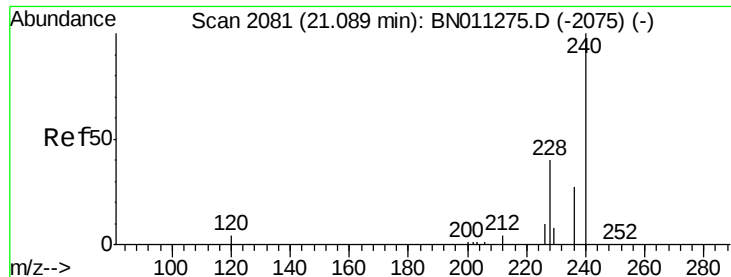


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

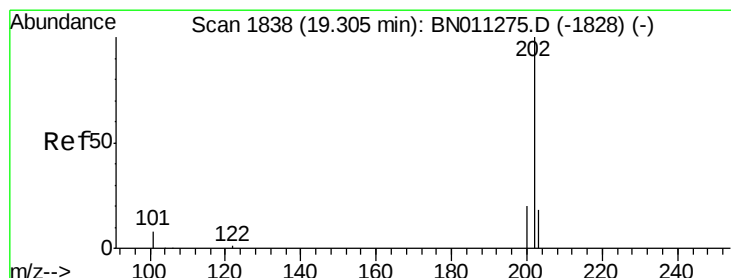
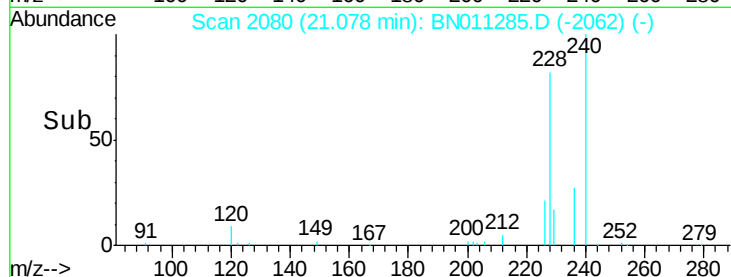
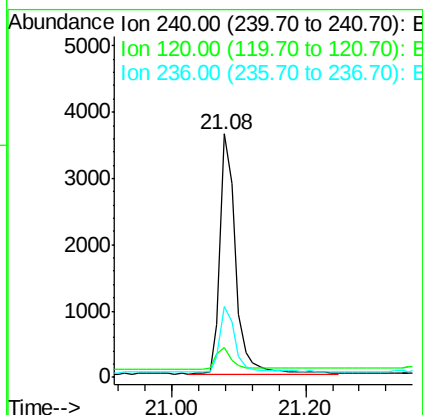
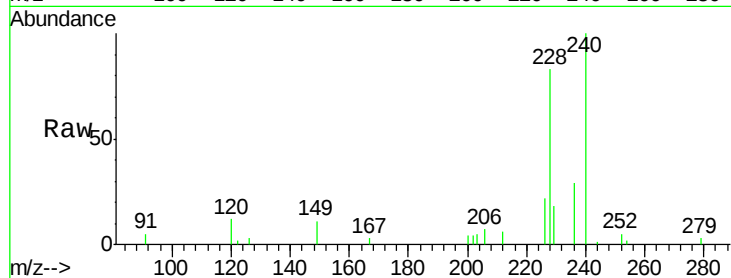




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.08 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

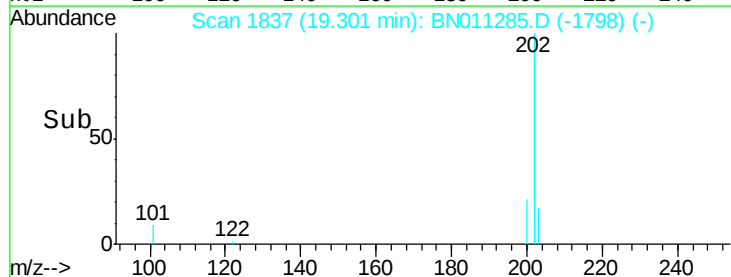
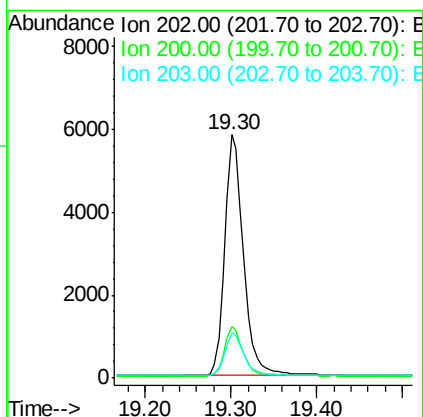
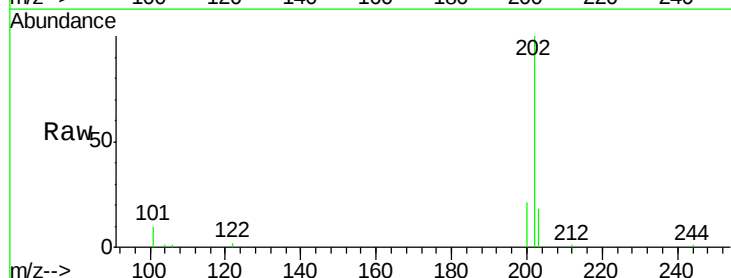
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

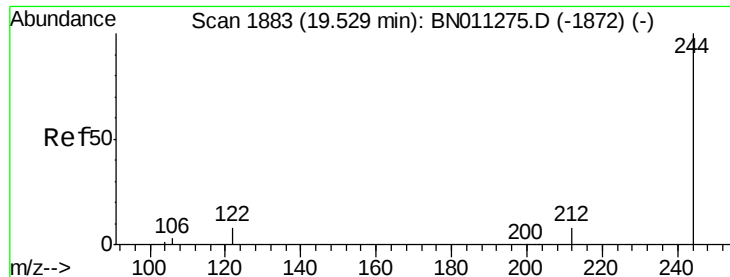
Tot Ion:240 Resp: 5827
Ion Ratio Lower Upper
240 100
120 12.4 5.8 8.8#
236 28.8 22.7 34.1



#30
Pyrene
Concen: 0.337 ng
RT: 19.30 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BN011285.D
Acq: 28 Jul 2020 18:09

Tgt Ion:202 Resp: 8841
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 17.5 14.1 21.1





#31

Terphenyl-d14

Concen: 0.341 ng

RT: 19.53 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

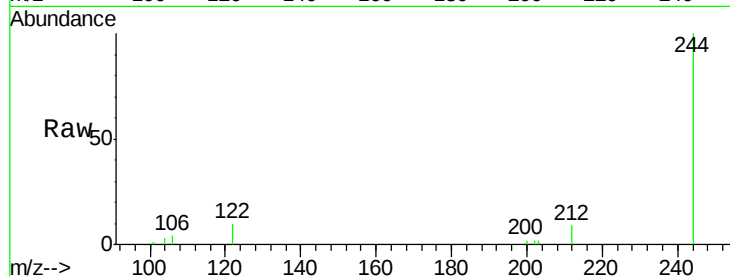
Tot Ion:244 Resp: 6015

Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

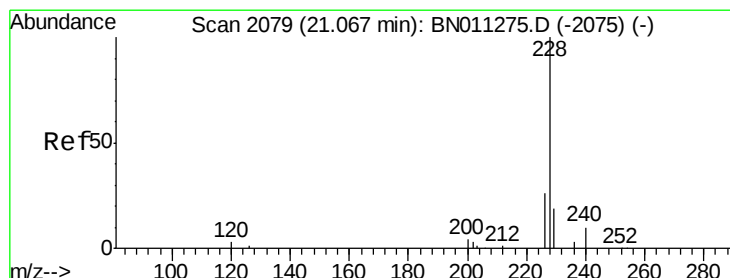
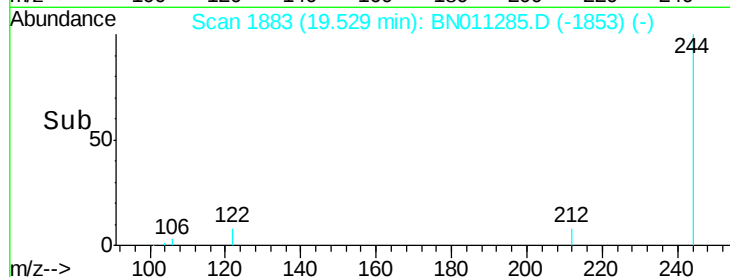
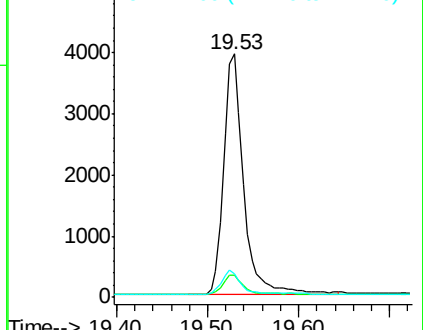
122 9.7 7.5 11.3



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: 0.410 ng

RT: 21.07 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

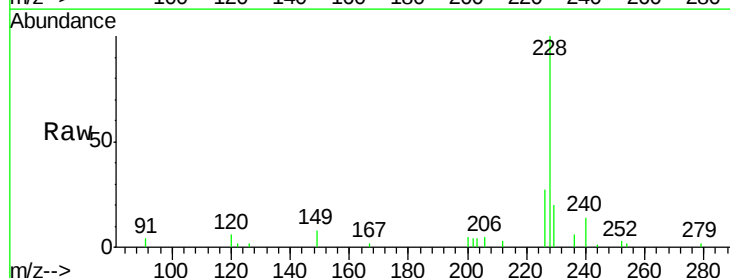
Tgt Ion:228 Resp: 8015

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

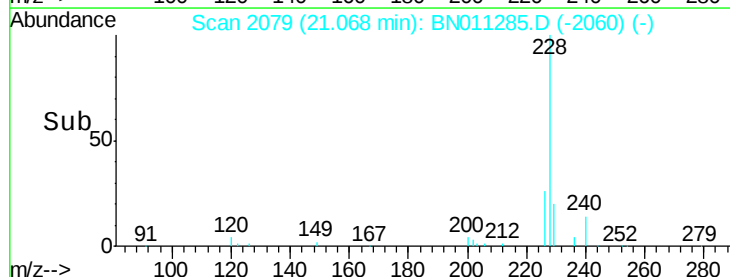
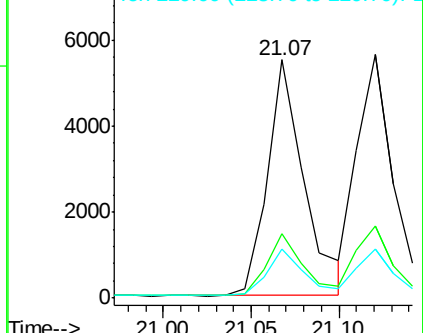
229 20.5 16.0 24.0

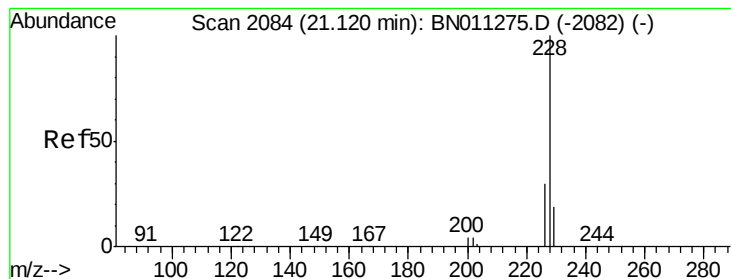


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.376 ng

RT: 21.12 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

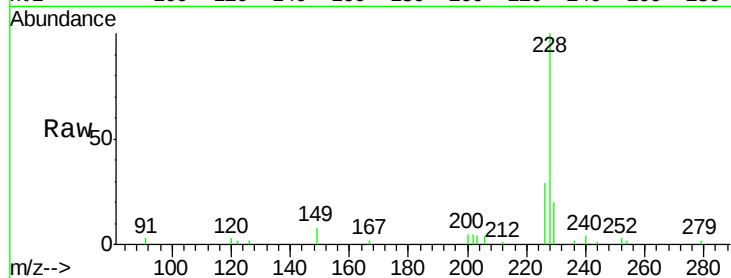
Tot Ion:228 Resp: 8232

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

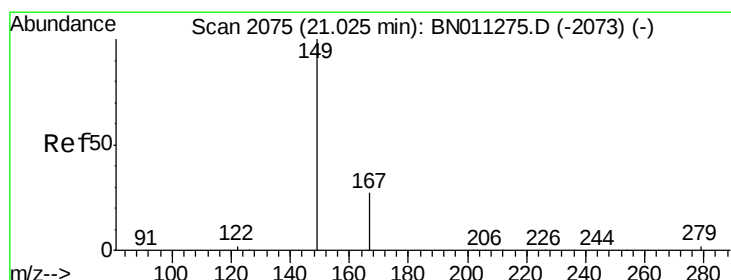
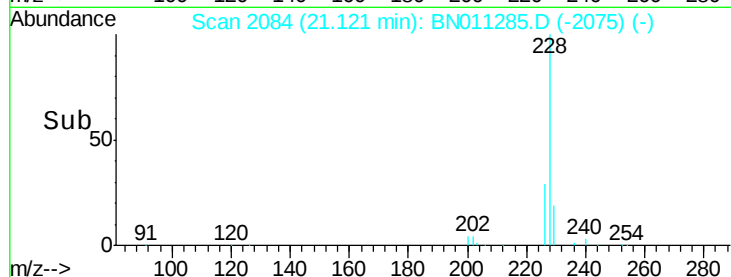
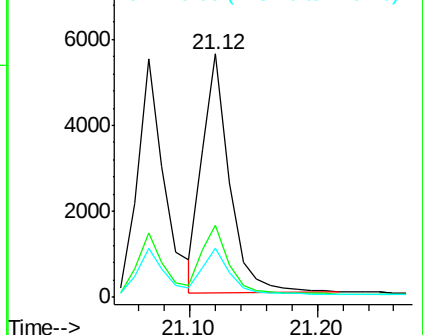
229 20.4 15.9 23.9



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.308 ng

RT: 21.03 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

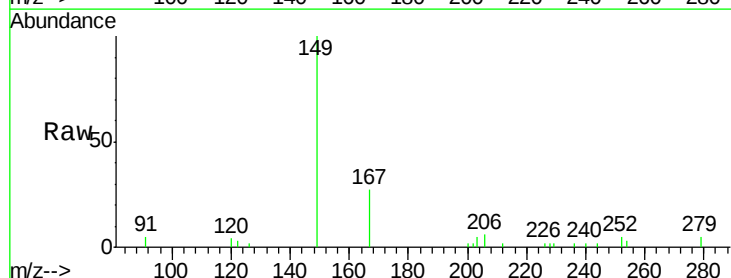
Tgt Ion:149 Resp: 3223

Ion Ratio Lower Upper

149 100

167 28.5 21.7 32.5

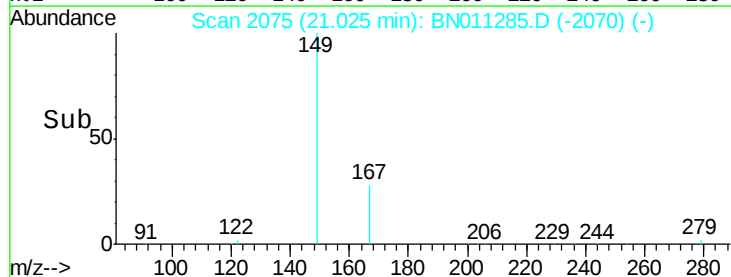
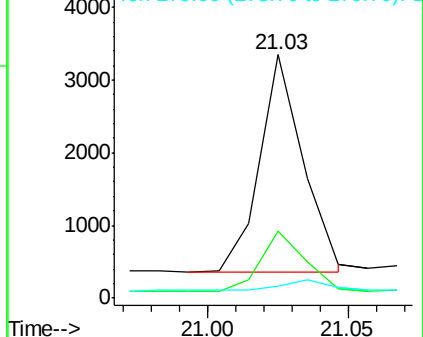
279 5.3 3.9 5.9

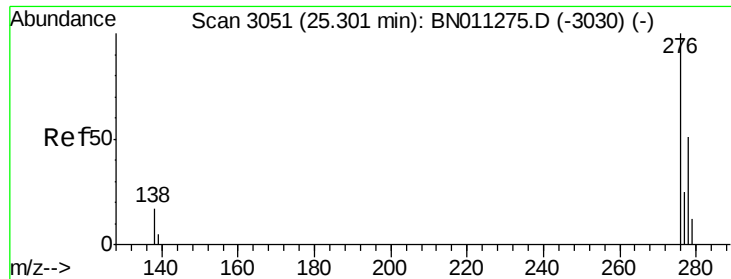


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

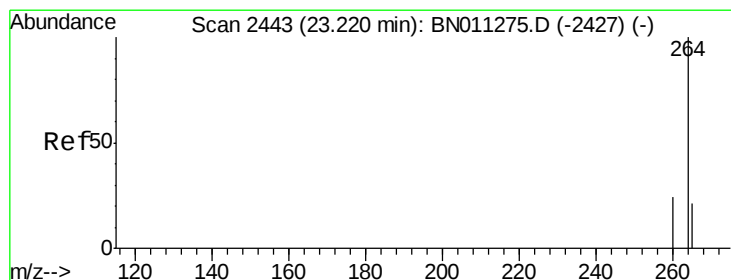
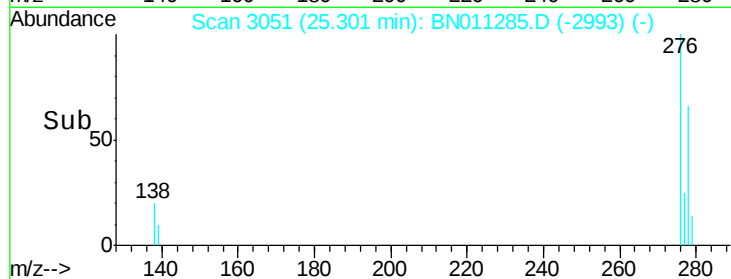
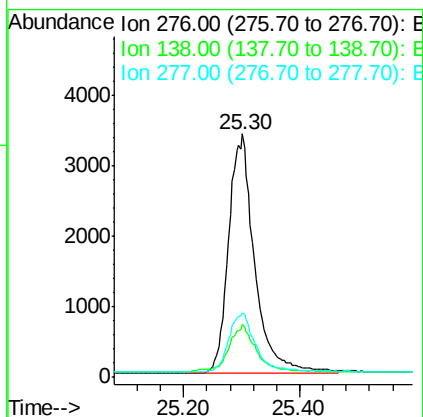
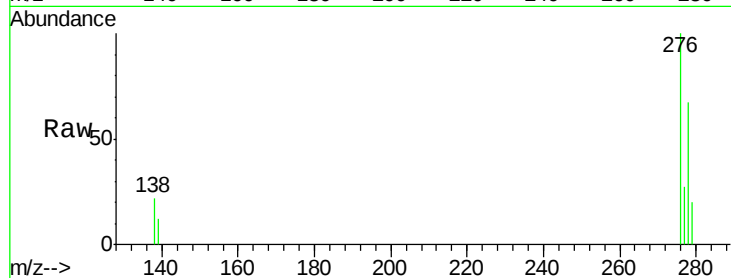




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.497 ng
 RT: 25.30 min Scan# 3051
 Delta R.T. 0.00 min
 Lab File: BN011285.D
 Acq: 28 Jul 2020 18:09

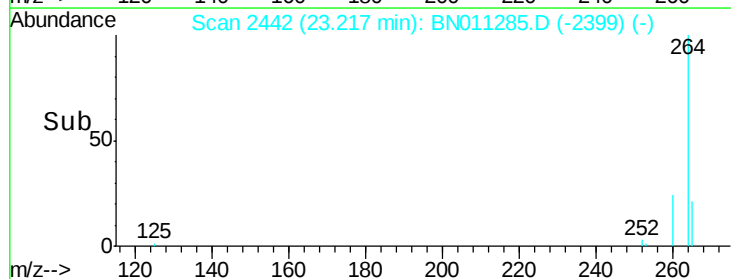
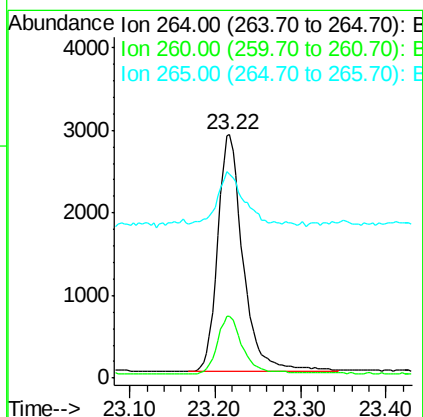
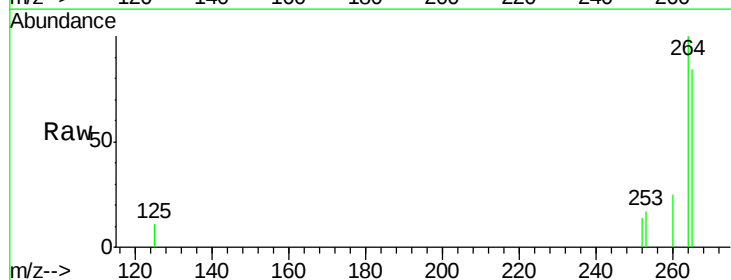
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

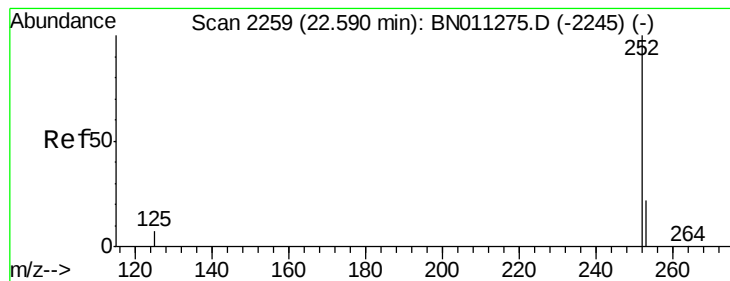
Tot Ion:276 Resp: 10630
 Ion Ratio Lower Upper
 276 100
 138 20.3 13.6 20.4
 277 24.9 19.7 29.5



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BN011285.D
 Acq: 28 Jul 2020 18:09

Tgt Ion:264 Resp: 5955
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 83.7 70.7 106.1





#37

Benzo(b)fluoranthene

Concen: 0.361 ng

RT: 22.59 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

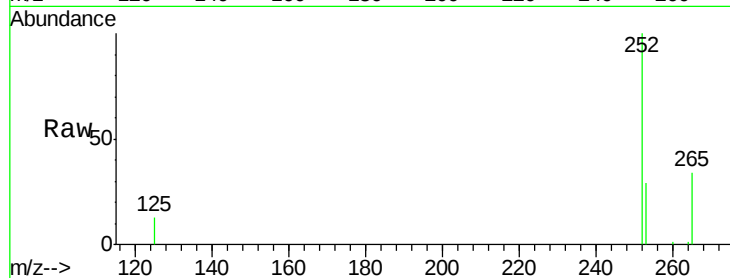
Tot Ion:252 Resp: 8563

Ion Ratio Lower Upper

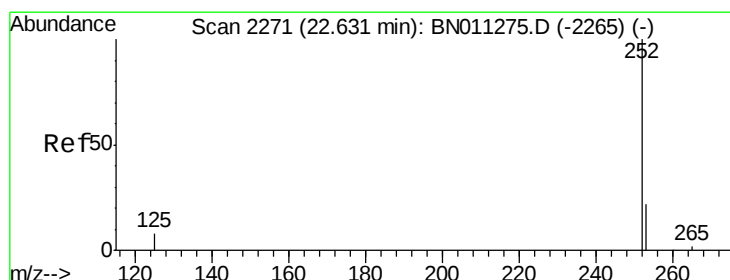
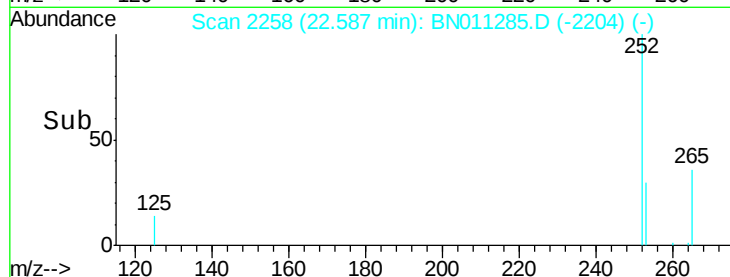
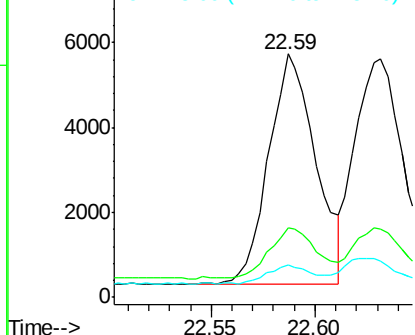
252 100

253 28.8 23.1 34.7

125 13.2 9.4 14.2



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



#38

Benzo(k)fluoranthene

Concen: 0.352 ng

RT: 22.63 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

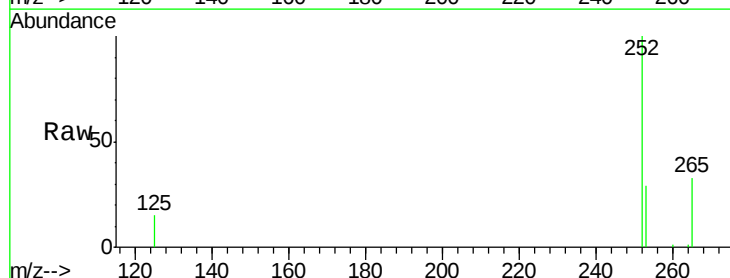
Tgt Ion:252 Resp: 9199

Ion Ratio Lower Upper

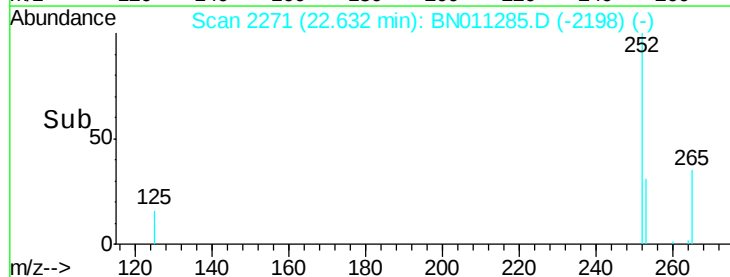
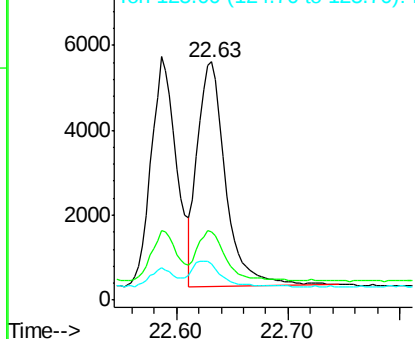
252 100

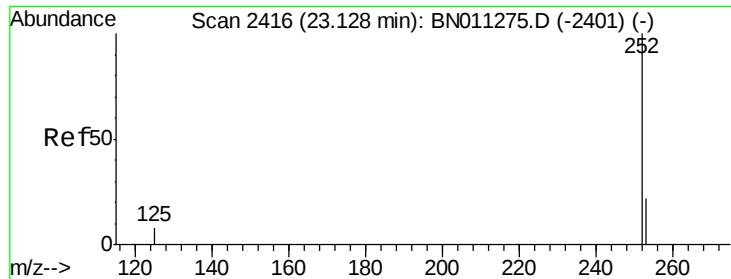
253 28.9 22.9 34.3

125 15.1 11.3 16.9



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: 0.365 ng

RT: 23.12 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

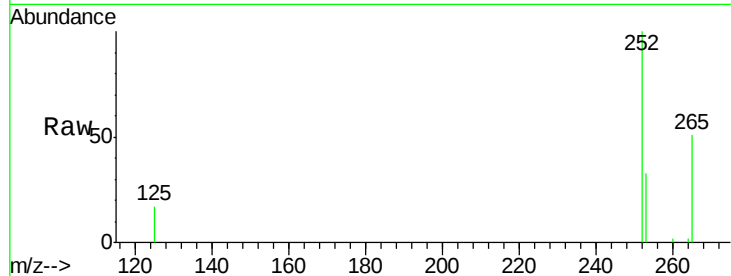
Tot Ion:252 Resp: 7521

Ion Ratio Lower Upper

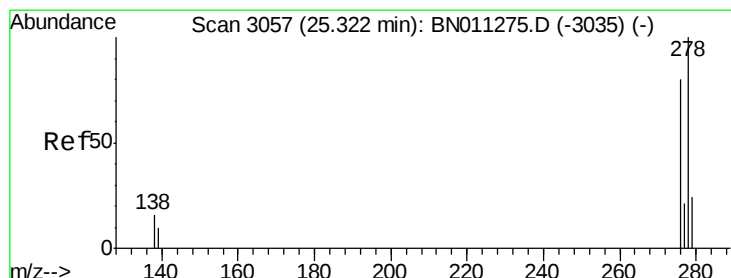
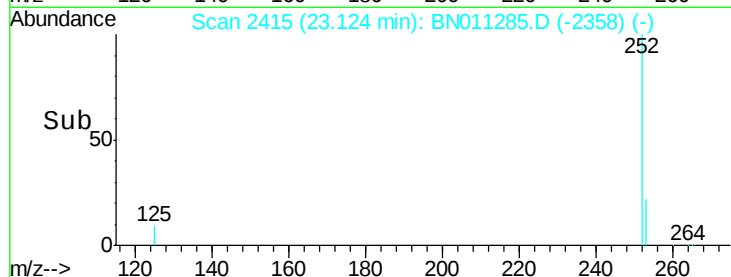
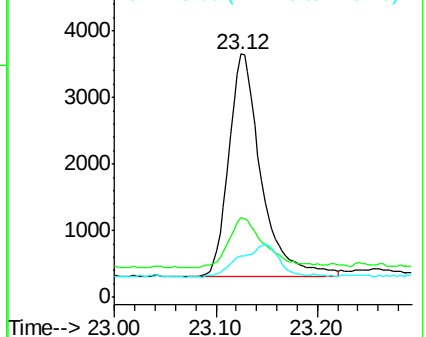
252 100

253 32.5 26.6 39.8

125 17.1 12.7 19.1



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



#40

Dibenzo(a,h)anthracene

Concen: 0.394 ng

RT: 25.31 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BN011285.D

Acq: 28 Jul 2020 18:09

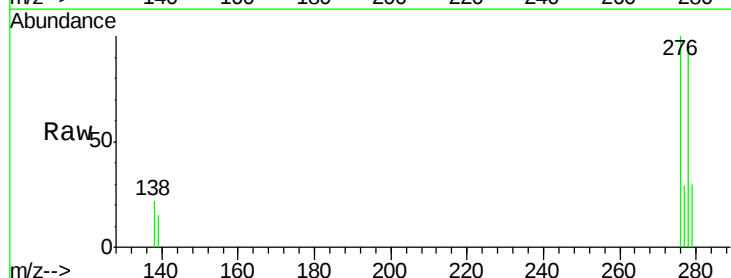
Tgt Ion:278 Resp: 8392

Ion Ratio Lower Upper

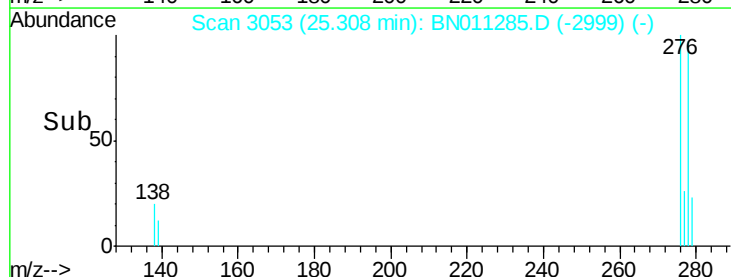
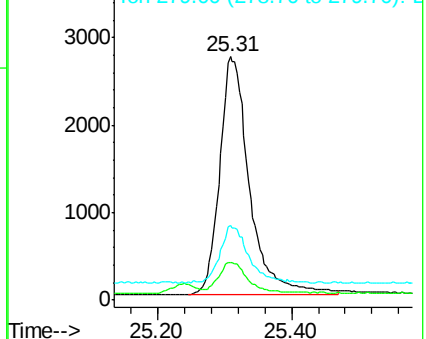
278 100

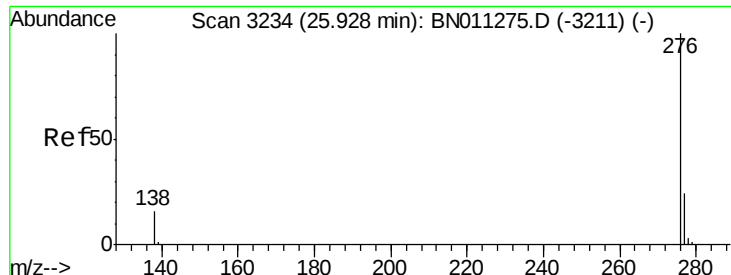
139 15.3 12.4 18.6

279 30.5 25.8 38.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.355 ng

RT: 25.92 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BN011285.D

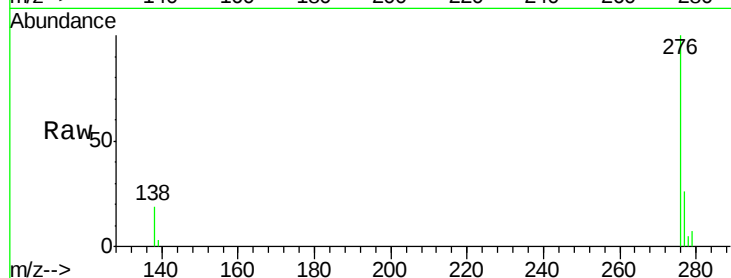
Acq: 28 Jul 2020 18:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



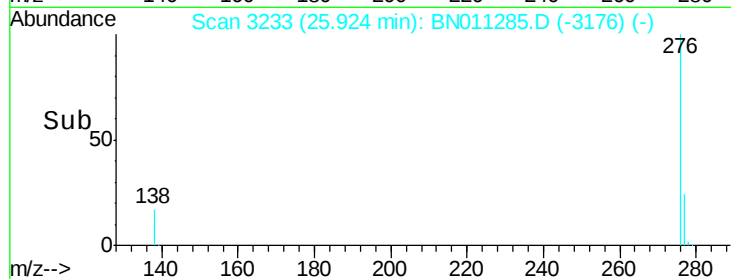
Tot Ion: 276 Resp: 8384

Ion Ratio Lower Upper

276 100

277 26.0 21.0 31.6

138 19.3 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

