

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011584.D
 Acq On : 22 Aug 2020 12:43
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Aug 24 01:24:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1814	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	5515	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	3512	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	8762	0.40	ng	0.00
29) Chrysene-d12	21.01	240	7197	0.40	ng	0.00
36) Perylene-d12	23.10	264	7120	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1385	0.36	ng	0.00
5) Phenol-d6	6.61	99	1361	0.35	ng	-0.02
8) Nitrobenzene-d5	8.55	82	1488	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	3833	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	581	0.33	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	6286	0.44	ng	-0.01
27) Fluoranthene-d10	18.83	212	8260	0.28	ng	0.00
31) Terphenyl-d14	19.45	244	6055	0.32	ng	0.00

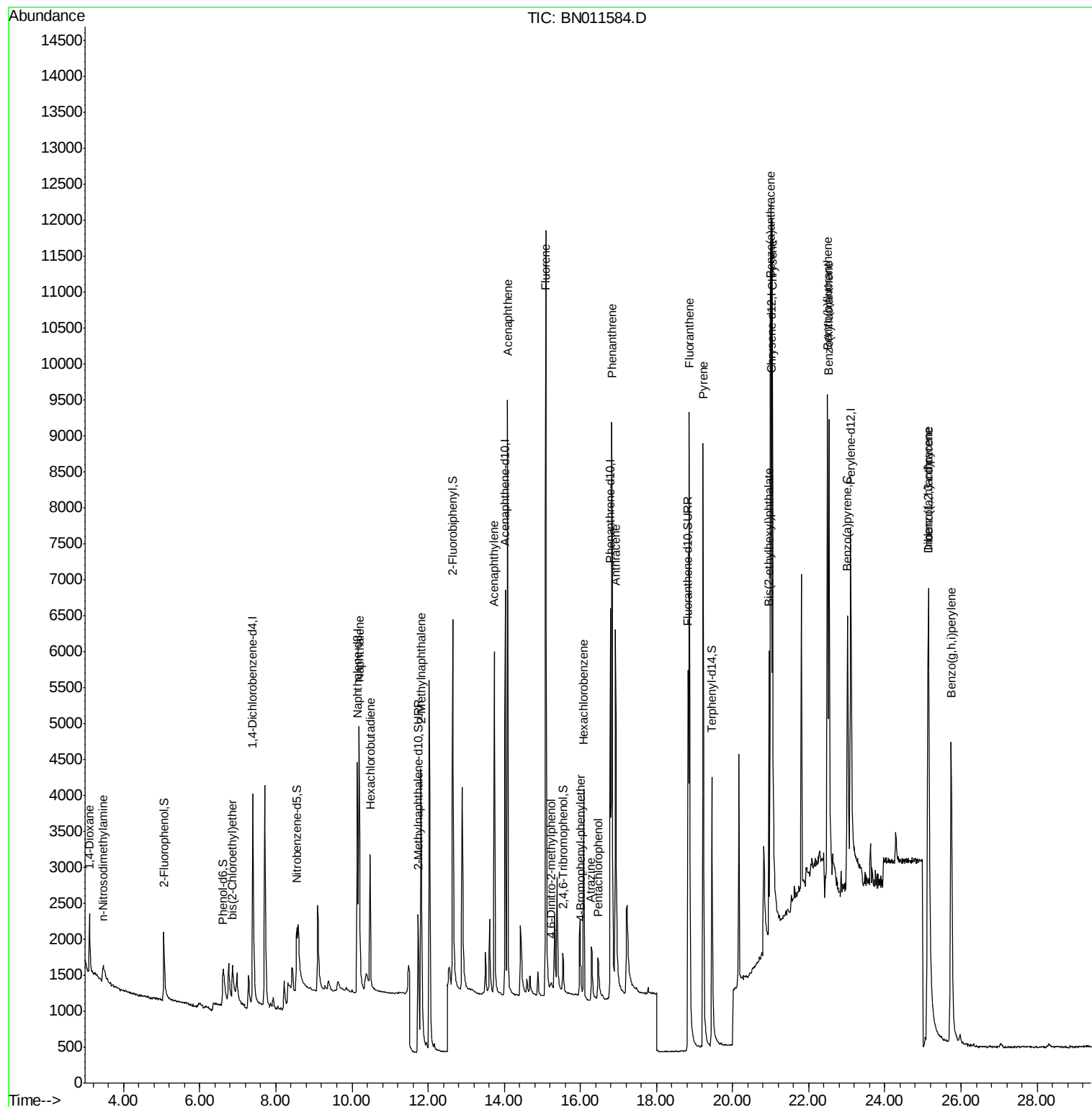
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	822	0.332	ng	# 100
3) n-Nitrosodimethylamine	3.46	42	302	0.295	ng	# 92
6) bis(2-Chloroethyl)ether	6.86	93	1222	0.320	ng	100
9) Naphthalene	10.19	128	5989	0.375	ng	98
10) Hexachlorobutadiene	10.48	225	1683	0.376	ng	# 100
12) 2-Methylnaphthalene	11.82	142	4364	0.397	ng	96
16) Acenaphthylene	13.74	152	6332	0.354	ng	99
17) Acenaphthene	14.09	154	4302	0.367	ng	99
18) Fluorene	15.09	166	5544	0.358	ng	99
20) 4,6-Dinitro-2-methylphenol	15.23	198	312	0.354	ng	86
21) 4-Bromophenyl-phenylether	16.02	248	463	0.242	ng	98
22) Hexachlorobenzene	16.09	284	2237	0.331	ng	99
23) Atrazine	16.29	200	1013	0.222	ng	99
24) Pentachlorophenol	16.47	266	575	0.273	ng	98
25) Phenanthrene	16.82	178	9765	0.354	ng	100
26) Anthracene	16.92	178	7606	0.331	ng	99
28) Fluoranthene	18.86	202	9913	0.279	ng	99
30) Pyrene	19.23	202	9795	0.342	ng	99
32) Benzo(a)anthracene	20.99	228	8259	0.349	ng	99
33) Chrysene	21.05	228	9668	0.359	ng	99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3504	0.327	ng	99
35) Indeno(1,2,3-cd)pyrene	25.13	276	10967	0.449	ng	# 96
37) Benzo(b)fluoranthene	22.49	252	8115	0.308	ng	94
38) Benzo(k)fluoranthene	22.53	252	9471	0.302	ng	95
39) Benzo(a)pyrene	23.02	252	6498	0.267	ng	91
40) Dibenzo(a,h)anthracene	25.15	278	8644	0.424	ng	# 88
41) Benzo(g,h,i)perylene	25.74	276	9708	0.400	ng	96

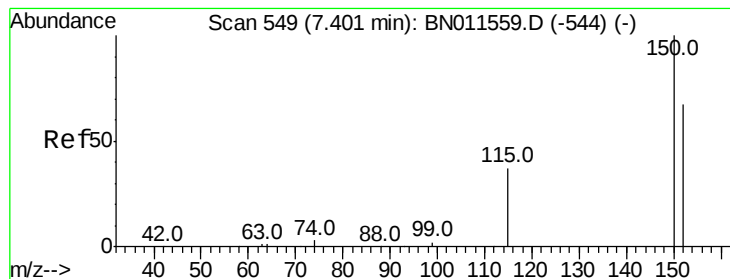
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011584.D
Acq On : 22 Aug 2020 12:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 24 01:24:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 548

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

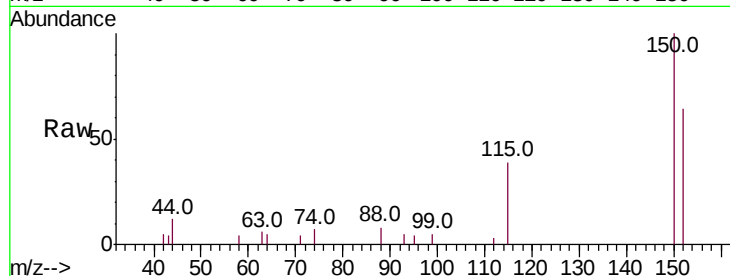
Tot Ion:152 Resp: 1814

Ion Ratio Lower Upper

152 100

150 156.1 117.1 175.7

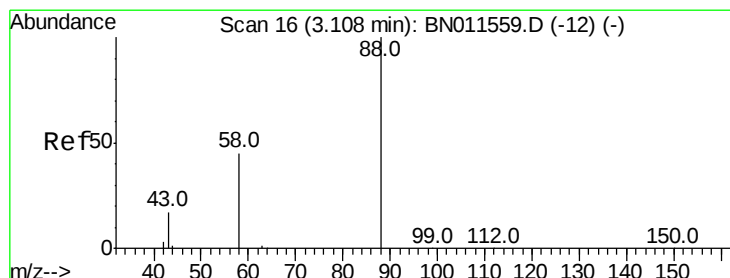
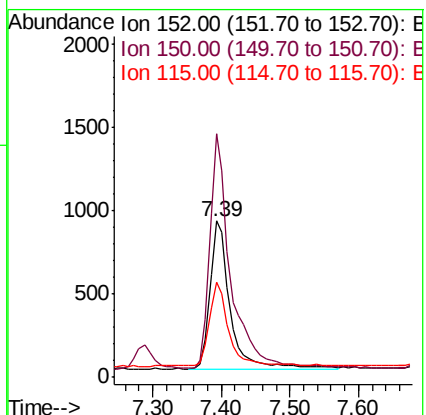
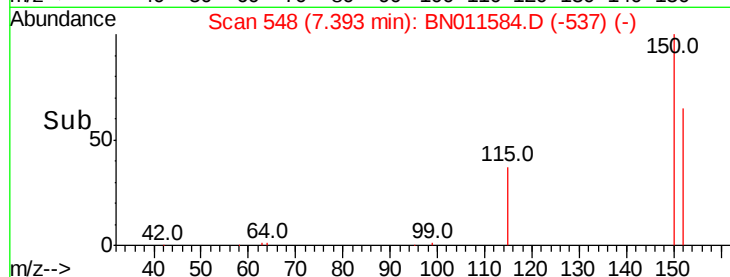
115 61.0 48.7 73.1



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: 0.332 ng

RT: 3.11 min Scan# 16

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

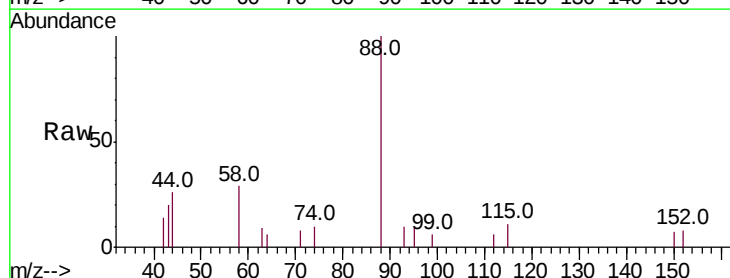
Tgt Ion: 88 Resp: 822

Ion Ratio Lower Upper

88 100

58 47.9 0.0 0.0#

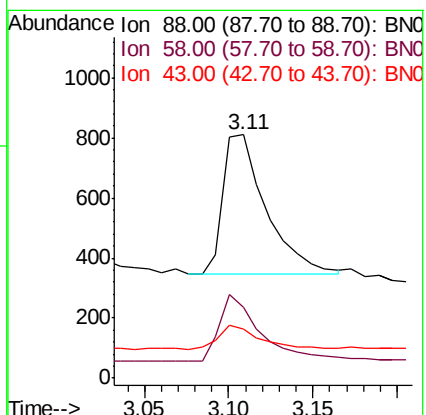
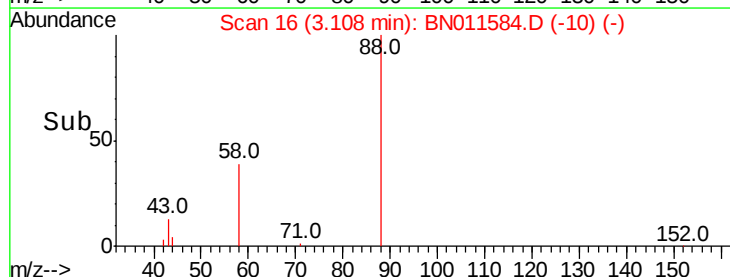
43 17.4 0.0 0.0#

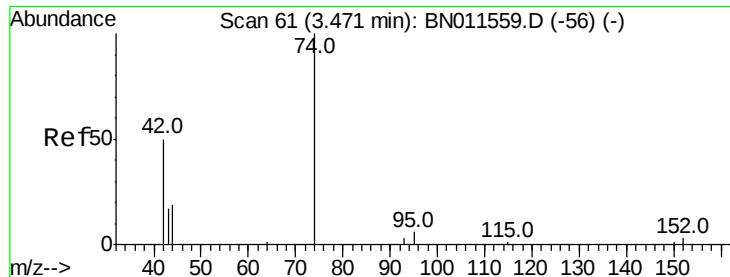


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.295 ng

RT: 3.46 min Scan# 60

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

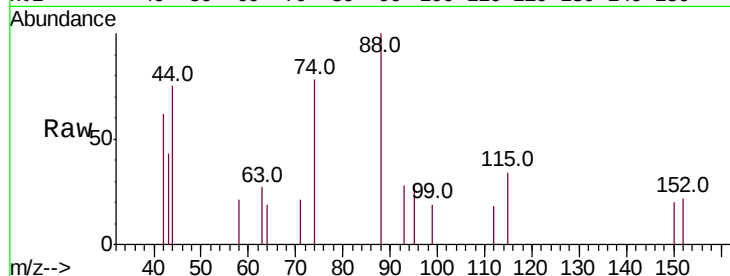
Tot Ion: 42 Resp: 302

Ion Ratio Lower Upper

42 100

74 217.9 169.0 253.4

44 7.9 21.6 32.4#

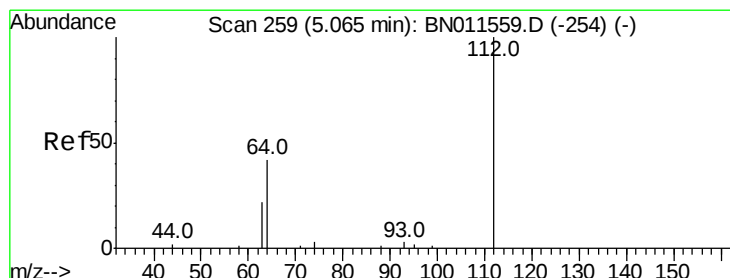
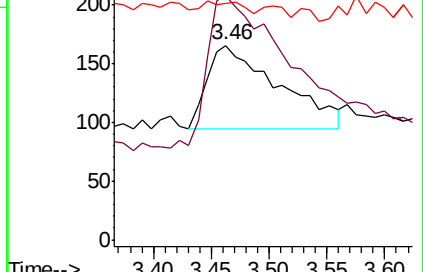
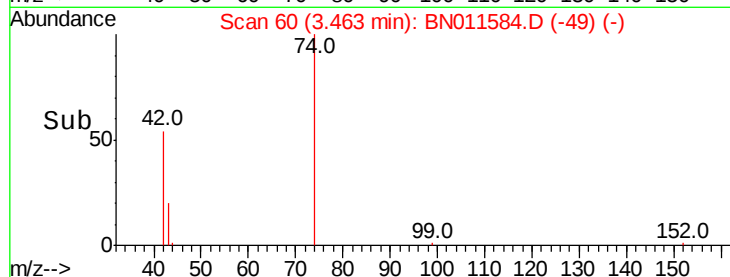


Abundance Ion 42.00 (41.70 to 42.70): BN011559.D (-56) (-)

Ion 74.00 (73.70 to 74.70): BN011559.D (-56) (-)

Ion 44.00 (43.70 to 44.70): BN011559.D (-56) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.358 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

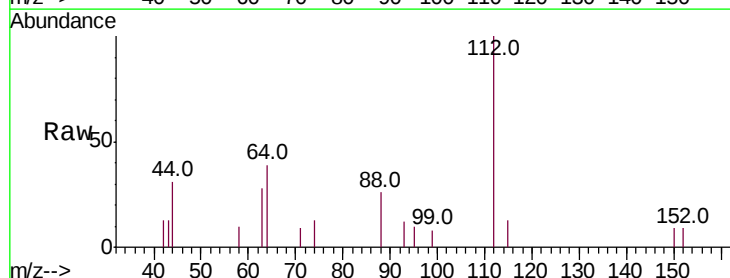
Tgt Ion: 112 Resp: 1385

Ion Ratio Lower Upper

112 100

64 40.9 33.9 50.9

63 23.5 17.7 26.5

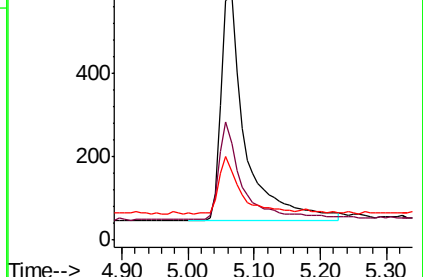
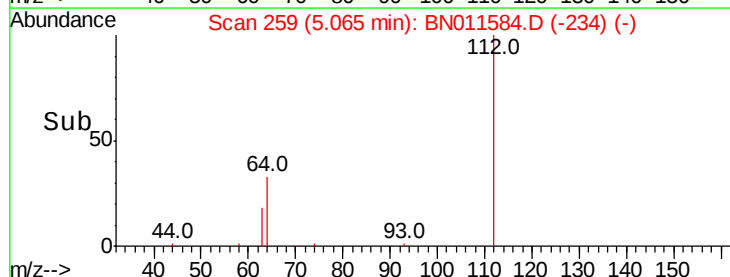


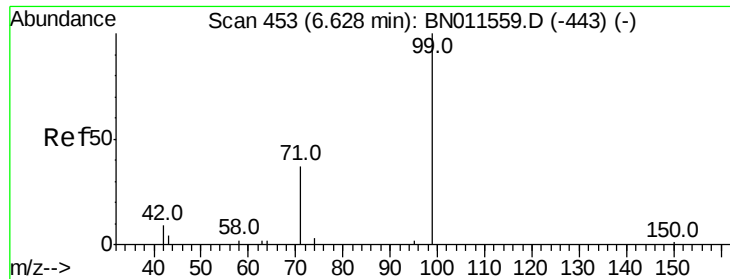
Abundance Ion 112.00 (111.70 to 112.70): BN011559.D (-254) (-)

Ion 64.00 (63.70 to 64.70): BN011559.D (-254) (-)

Ion 63.00 (62.70 to 63.70): BN011559.D (-254) (-)

Time-->





#5

Phenol-d6

Concen: 0.348 ng

RT: 6.61 min Scan# 451

Delta R.T. -0.02 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

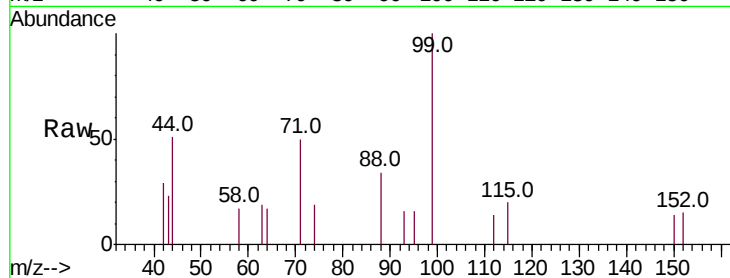
Tot Ion: 99 Resp: 1361

Ion Ratio Lower Upper

99 100

42 12.7 9.0 13.4

71 36.0 30.4 45.6



Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)

6.61

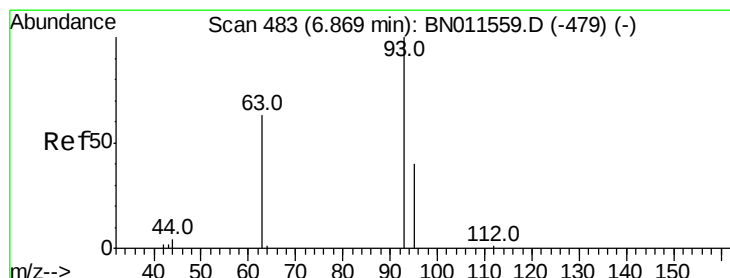
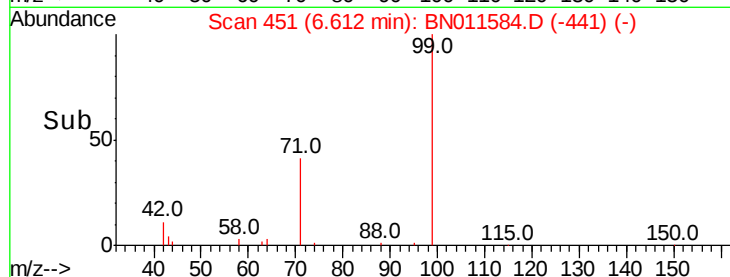
300

200

100

0

Time--> 6.50 6.60 6.70 6.80



#6

bis(2-Chloroethyl)ether

Concen: 0.320 ng

RT: 6.86 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

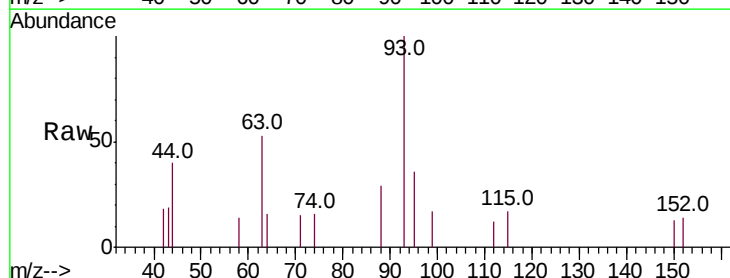
Tgt Ion: 93 Resp: 1222

Ion Ratio Lower Upper

93 100

63 40.9 32.9 49.3

95 31.3 25.3 37.9



Abundance Ion 93.00 (92.70 to 93.70): BN011559.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN011559.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BN011559.D (-479) (-)

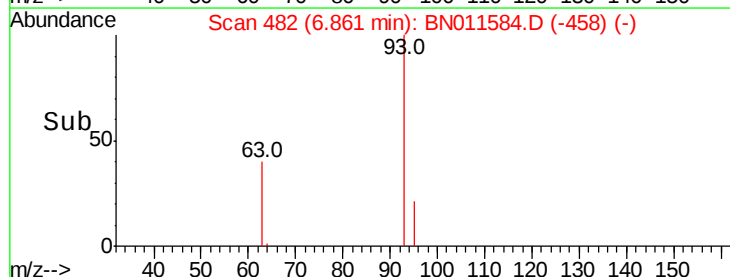
6.86

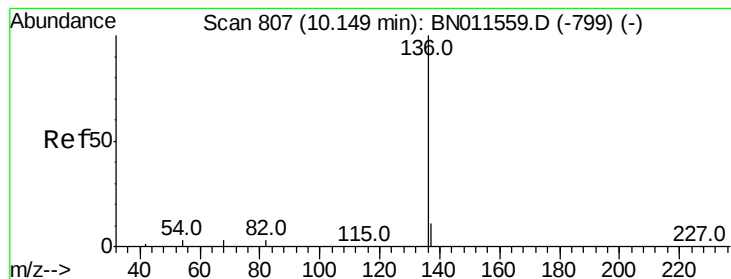
400

200

0

Time--> 6.80 6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 5515

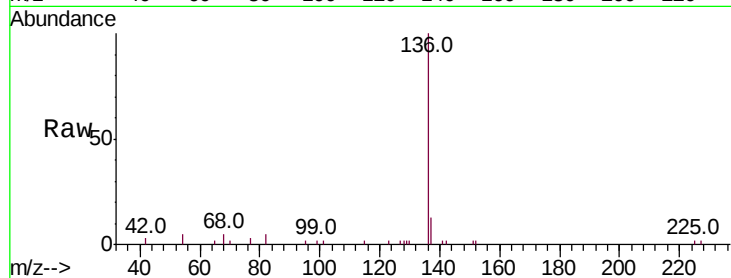
Ion Ratio Lower Upper

136 100

137 12.7 11.0 16.4

54 4.9 4.3 6.5

68 5.4 4.9 7.3

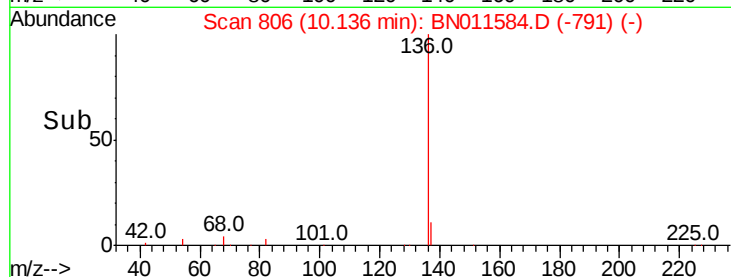


Abundance Ion 136.00 (135.70 to 136.70): E

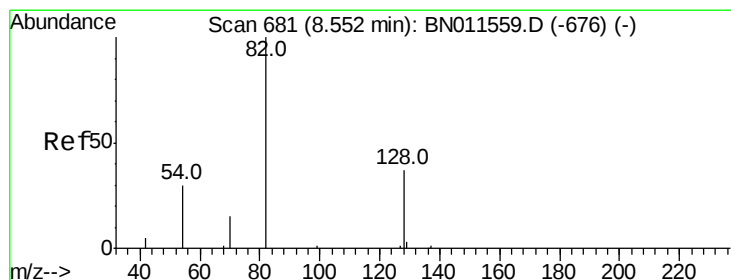
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0



Time--> 10.00 10.10 10.20 10.30



#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 8.55 min Scan# 681

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

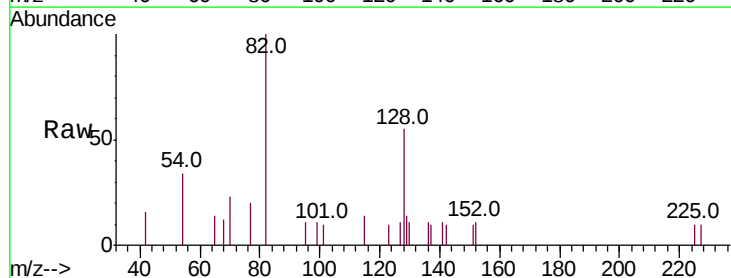
Tgt Ion: 82 Resp: 1488

Ion Ratio Lower Upper

82 100

128 54.9 41.7 62.5

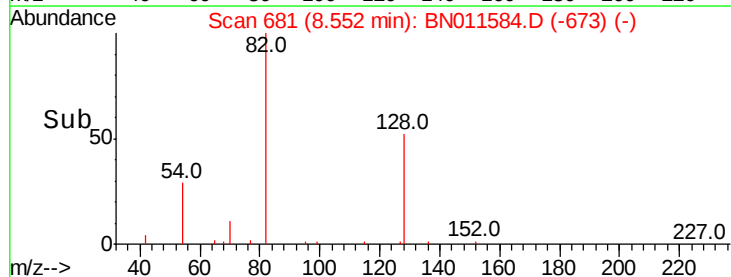
54 34.4 34.4 51.6



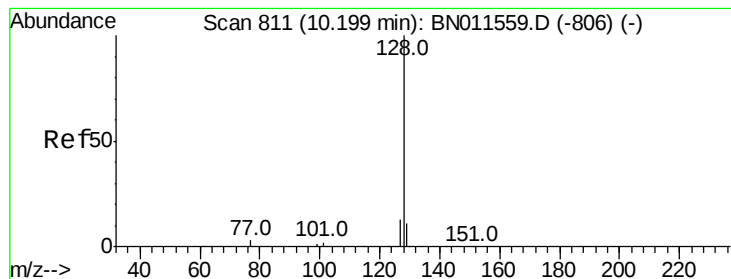
Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



Time--> 8.40 8.50 8.60 8.70



#9

Naphthalene

Concen: 0.375 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

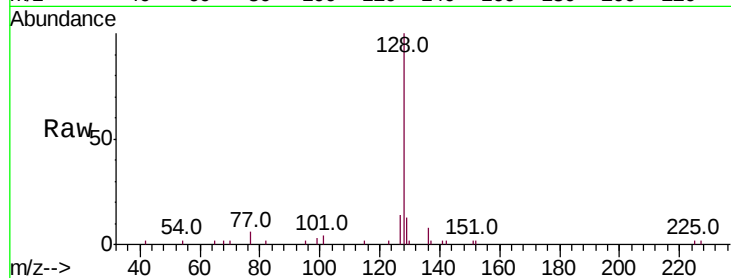
Tot Ion:128 Resp: 5989

Ion Ratio Lower Upper

128 100

129 12.6 10.8 16.2

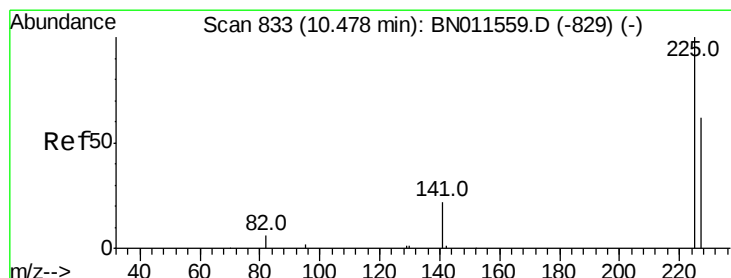
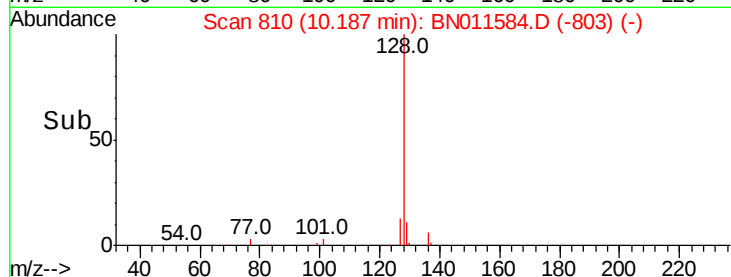
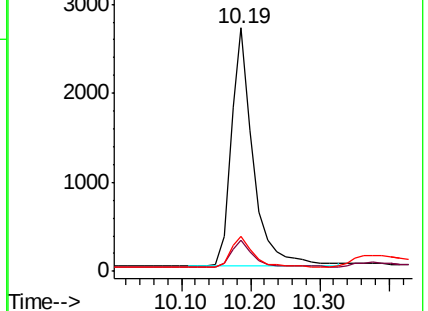
127 14.4 12.3 18.5



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: 0.376 ng

RT: 10.48 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

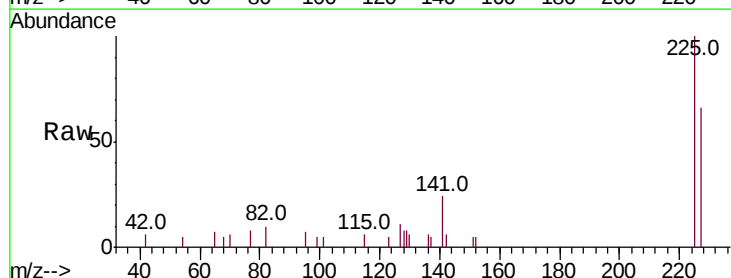
Tgt Ion:225 Resp: 1683

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

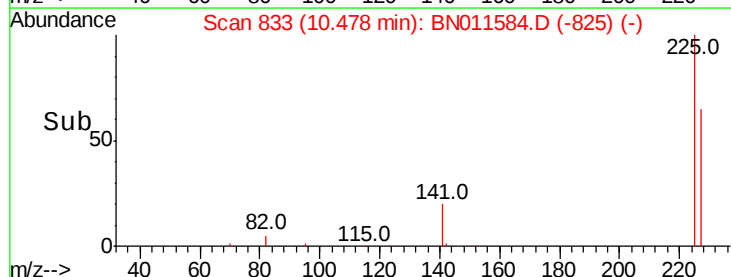
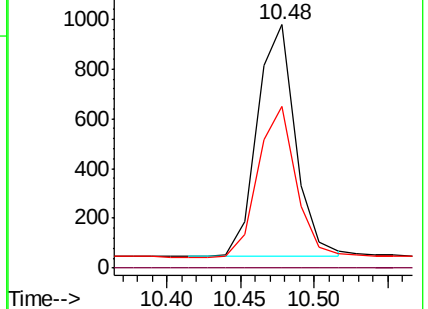
227 64.2 51.3 76.9

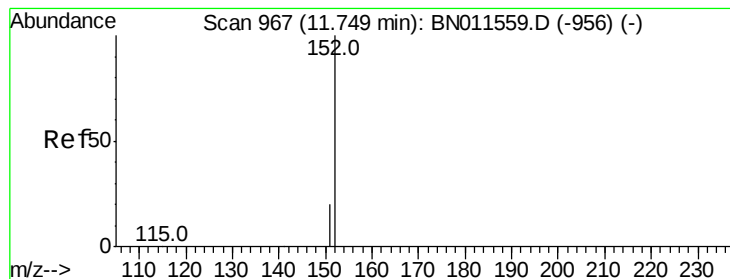


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

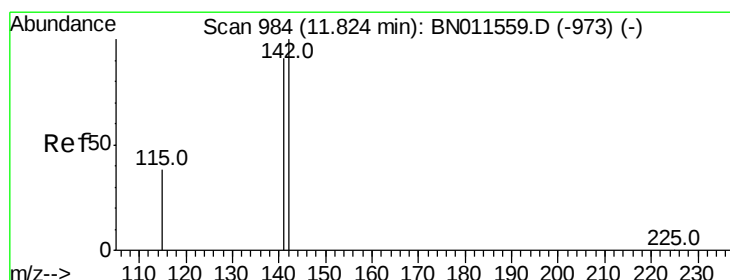
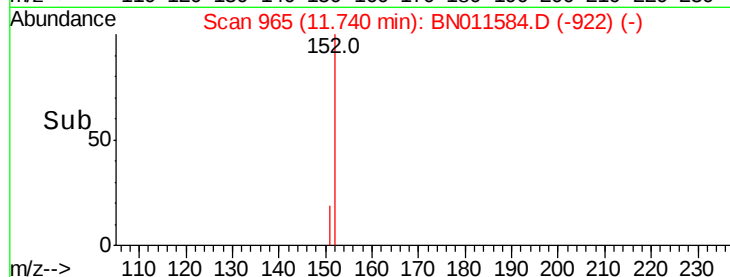
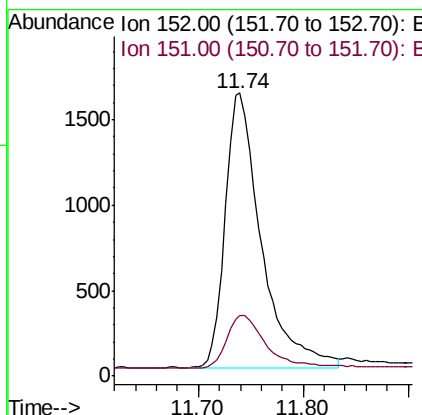
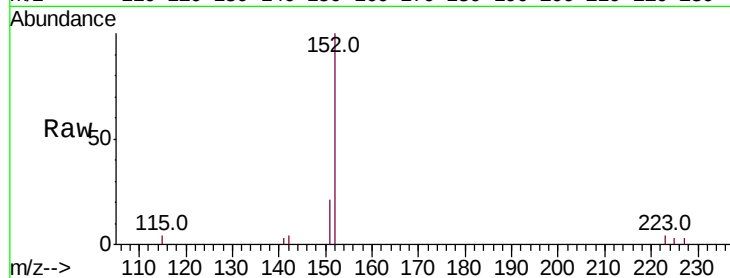




#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.74 min Scan# 965
Delta R.T. -0.01 min
Lab File: BN011584.D
Acq: 22 Aug 2020 12:43

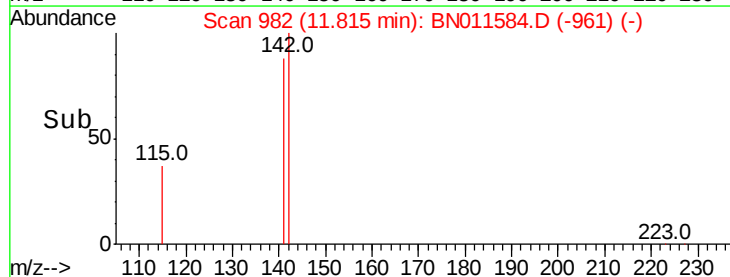
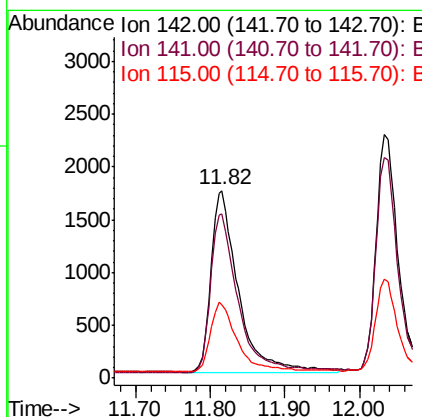
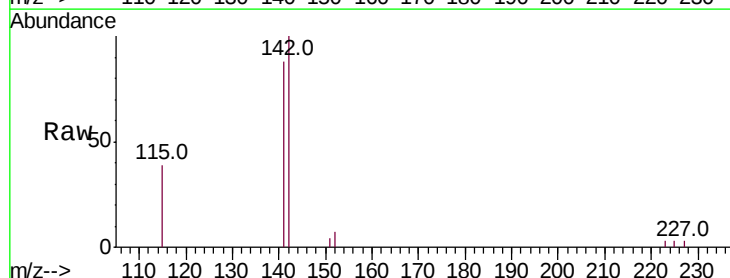
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

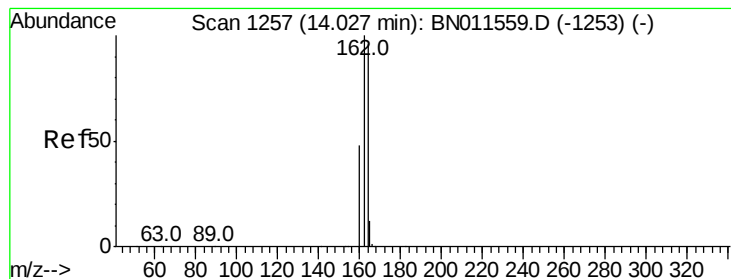
Tot Ion:152 Resp: 3833
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8



#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 11.82 min Scan# 982
Delta R.T. -0.01 min
Lab File: BN011584.D
Acq: 22 Aug 2020 12:43

Tgt Ion:142 Resp: 4364
Ion Ratio Lower Upper
142 100
141 87.8 73.0 109.6
115 39.3 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

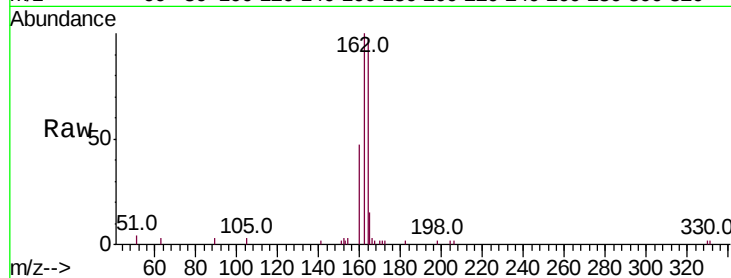
Tot Ion:164 Resp: 3512

Ion Ratio Lower Upper

164 100

162 103.2 83.7 125.5

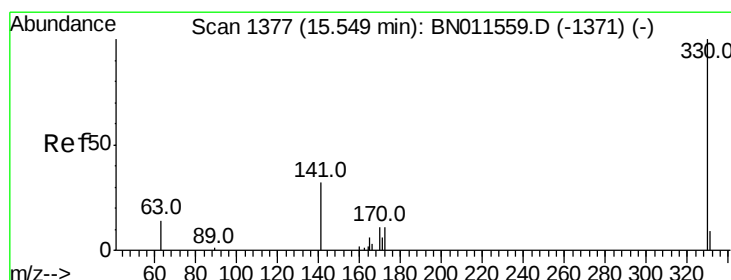
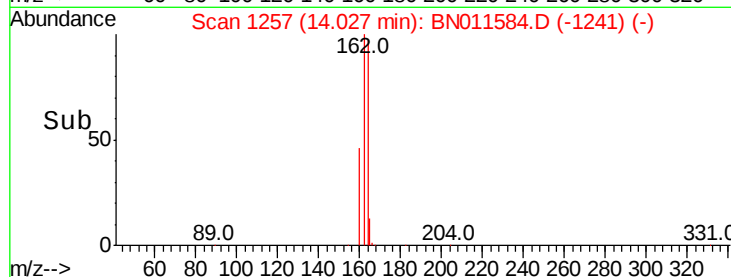
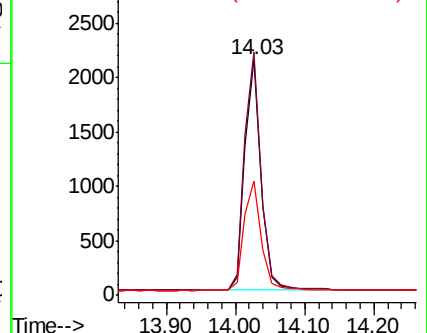
160 48.5 41.1 61.7



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: 0.332 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

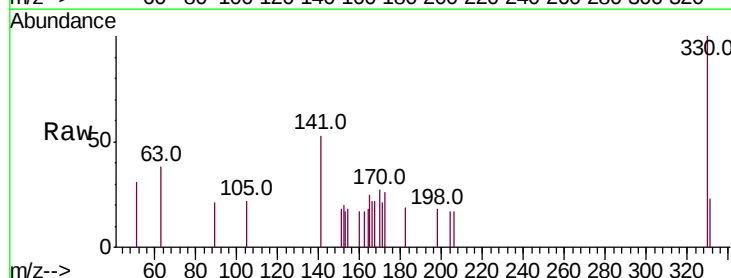
Tgt Ion:330 Resp: 581

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

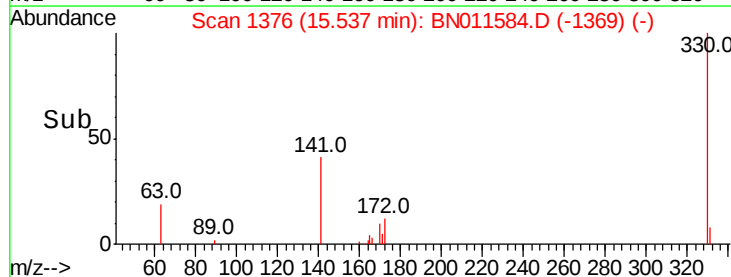
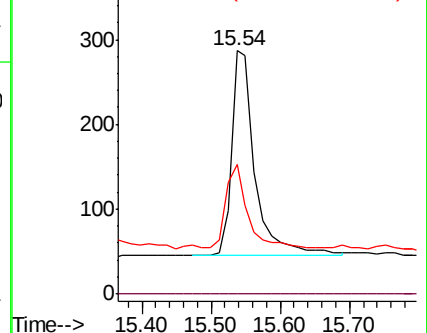
141 35.8 34.6 52.0

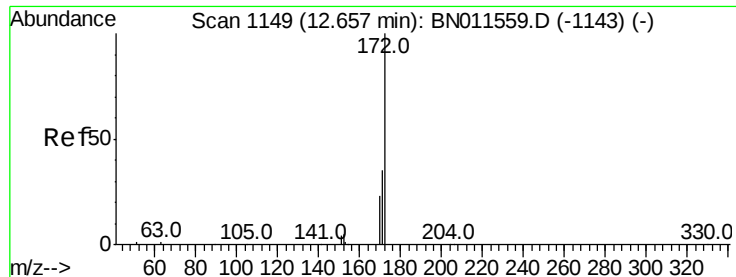


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

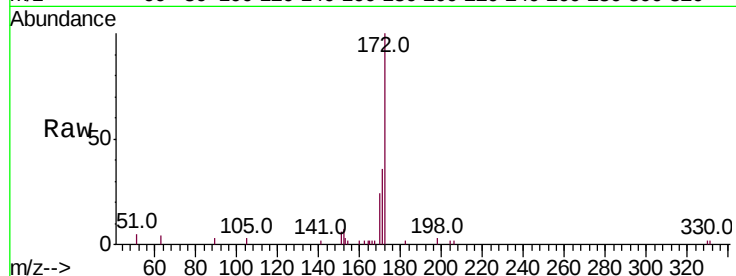




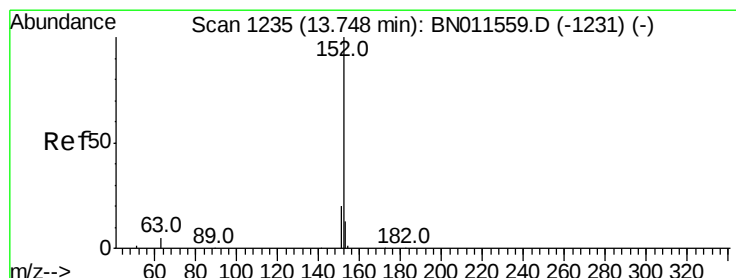
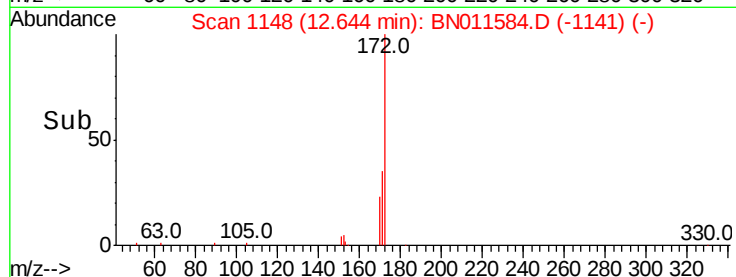
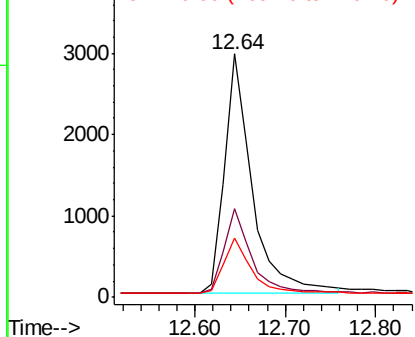
#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011584.D
Acq: 22 Aug 2020 12:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 6286
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.1 20.1 30.1

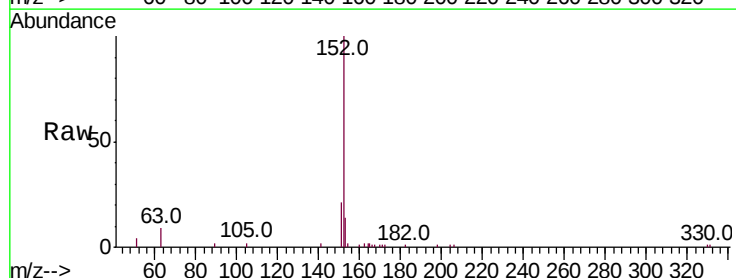


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

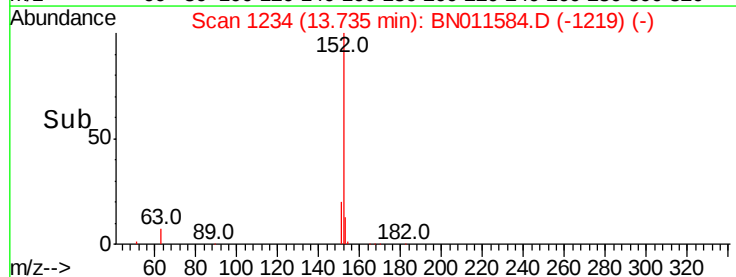
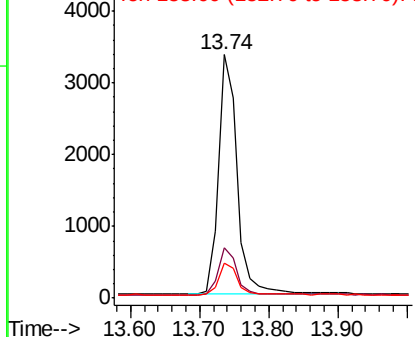


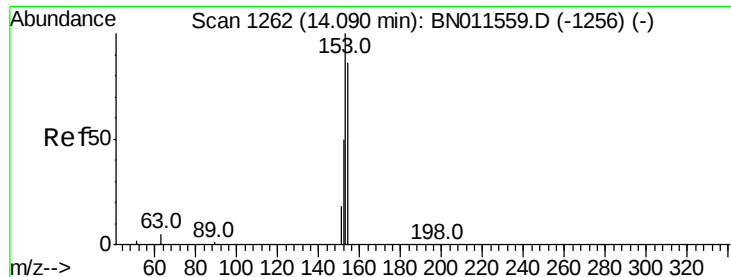
#16
Acenaphthylene
Concen: 0.354 ng
RT: 13.74 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BN011584.D
Acq: 22 Aug 2020 12:43

Tgt Ion:152 Resp: 6332
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.1 10.6 16.0



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: 0.367 ng

RT: 14.09 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

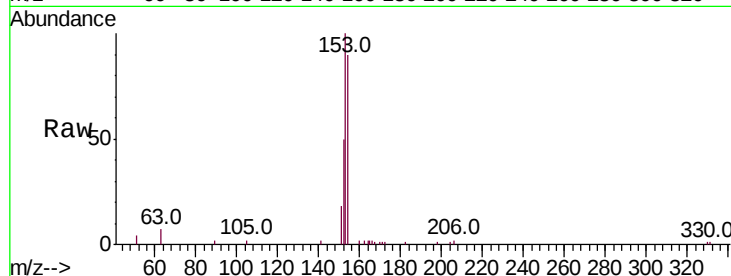
Tot Ion:154 Resp: 4302

Ion Ratio Lower Upper

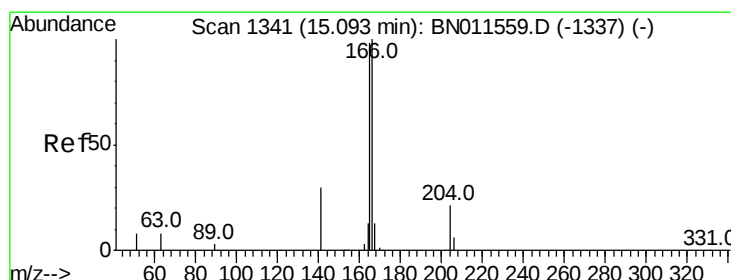
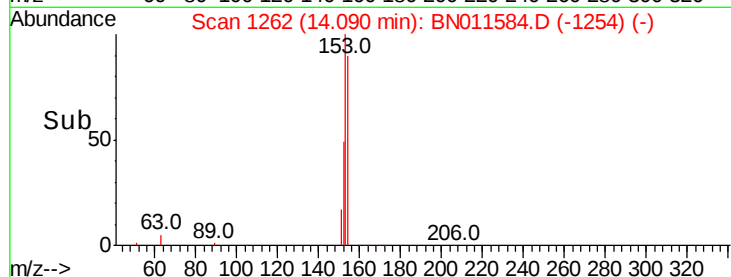
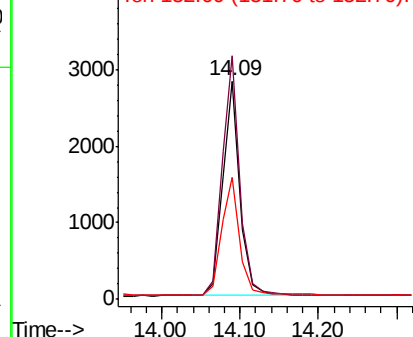
154 100

153 114.6 91.8 137.8

152 57.0 46.3 69.5



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: 0.358 ng

RT: 15.09 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

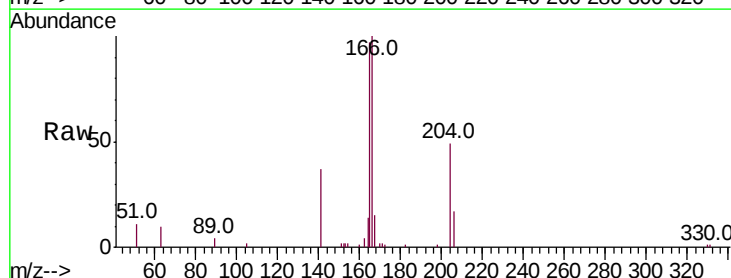
Tgt Ion:166 Resp: 5544

Ion Ratio Lower Upper

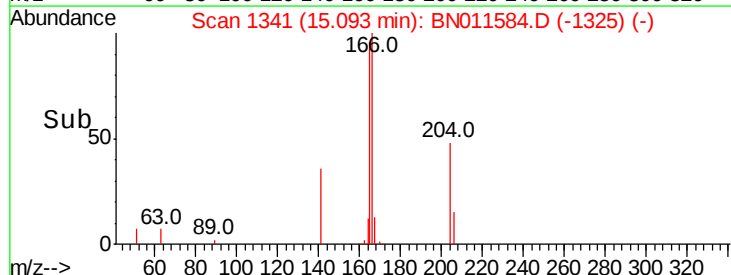
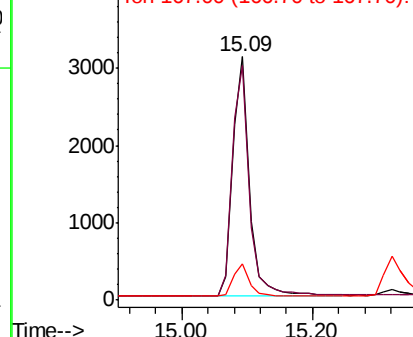
166 100

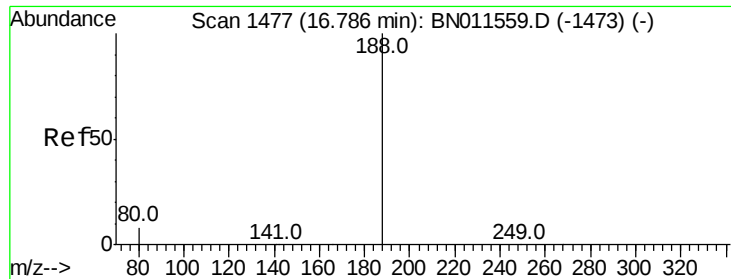
165 98.6 78.2 117.2

167 13.4 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

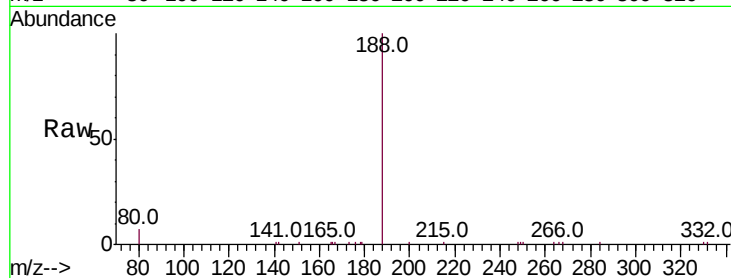
Tot Ion:188 Resp: 8762

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

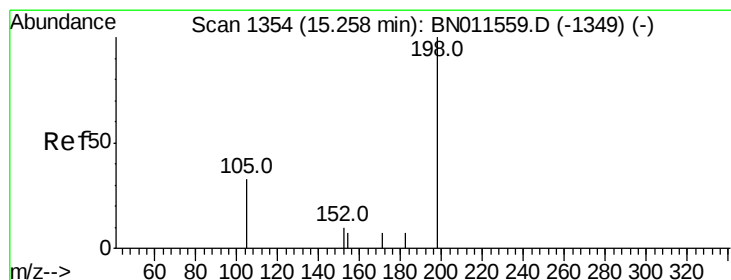
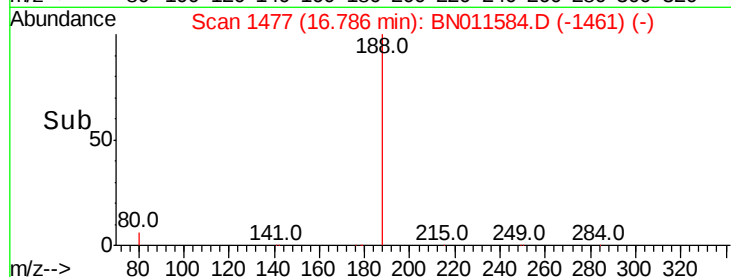
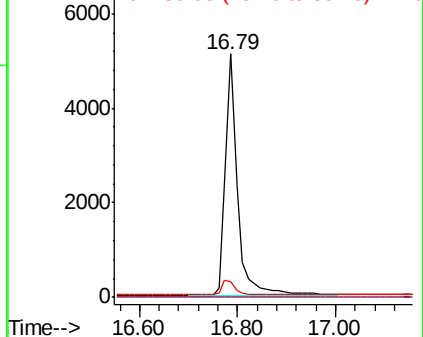
80 6.7 7.6 11.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.354 ng

RT: 15.23 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

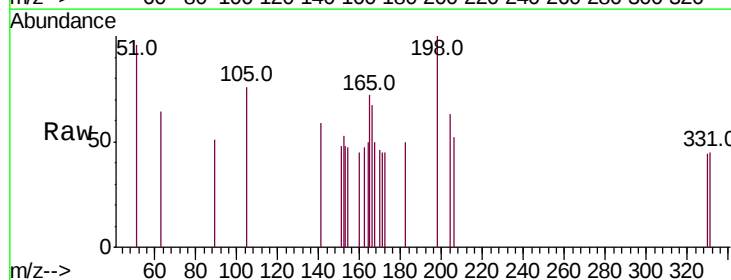
Tgt Ion:198 Resp: 312

Ion Ratio Lower Upper

198 100

51 96.1 89.4 134.2

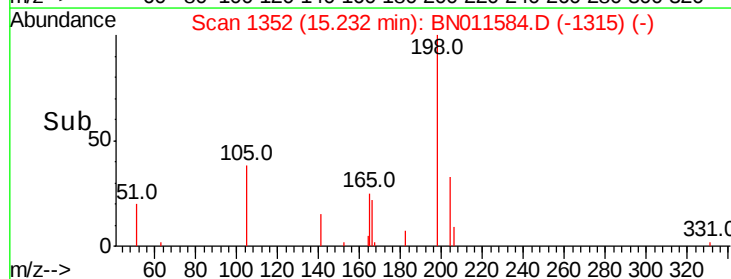
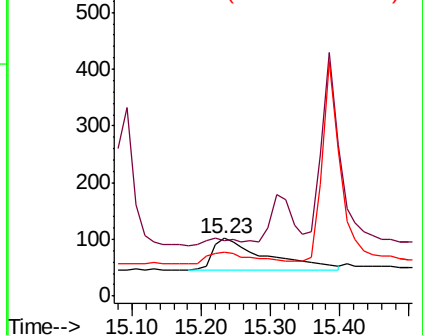
105 76.5 70.6 105.8

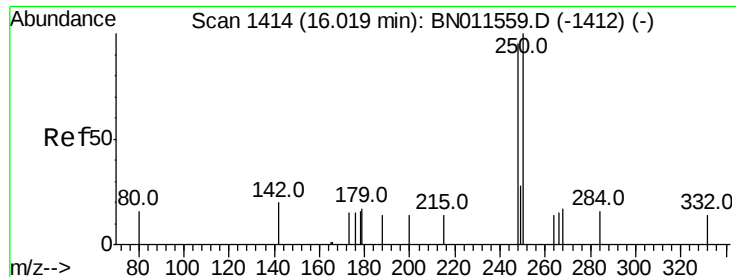


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

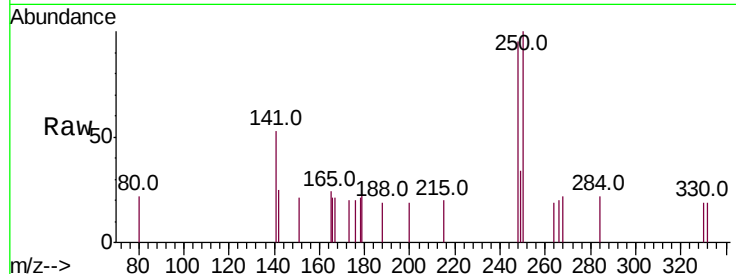




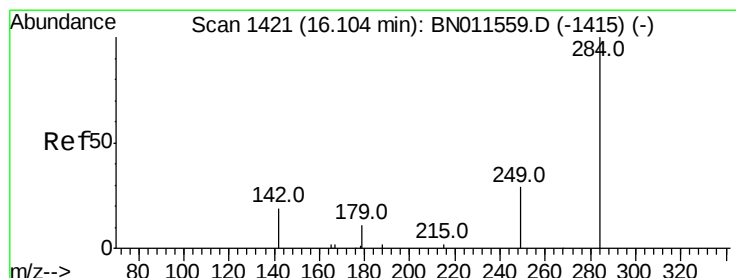
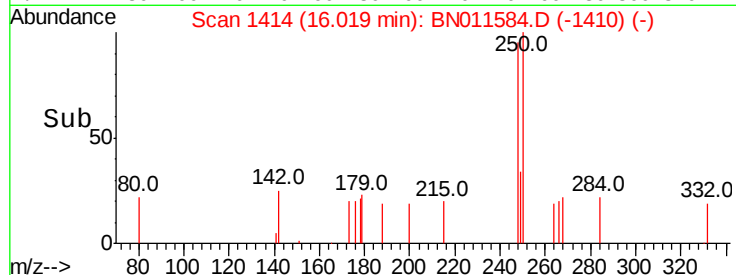
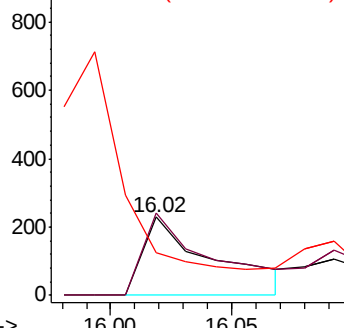
#21
4-Bromophenyl-phenylether
Concen: 0.242 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011584.D
Acq: 22 Aug 2020 12:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 463
Ion Ratio Lower Upper
248 100
250 104.8 83.8 125.8
141 55.0 41.0 61.6

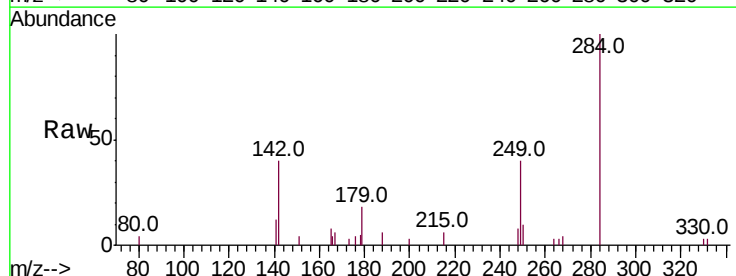


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

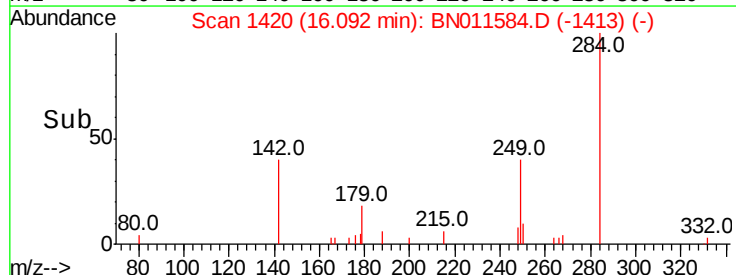
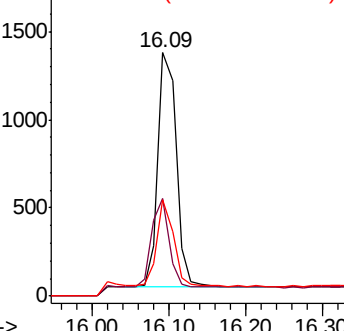


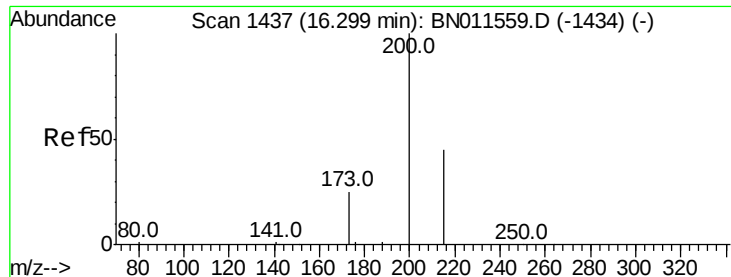
#22
Hexachlorobenzene
Concen: 0.331 ng
RT: 16.09 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BN011584.D
Acq: 22 Aug 2020 12:43

Tgt Ion:284 Resp: 2237
Ion Ratio Lower Upper
284 100
142 36.1 29.7 44.5
249 33.3 26.8 40.2



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: 0.222 ng

RT: 16.29 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

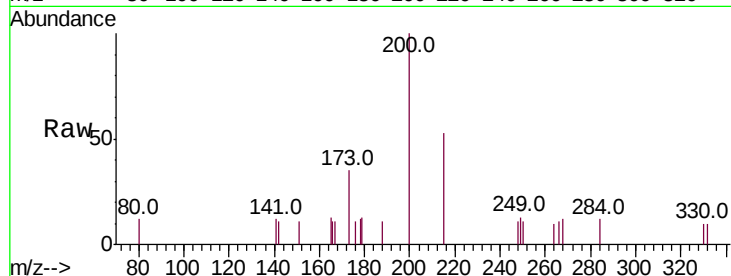
Tot Ion:200 Resp: 1013

Ion Ratio Lower Upper

200 100

173 34.8 27.7 41.5

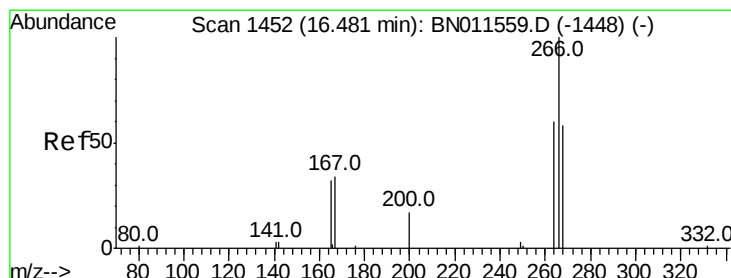
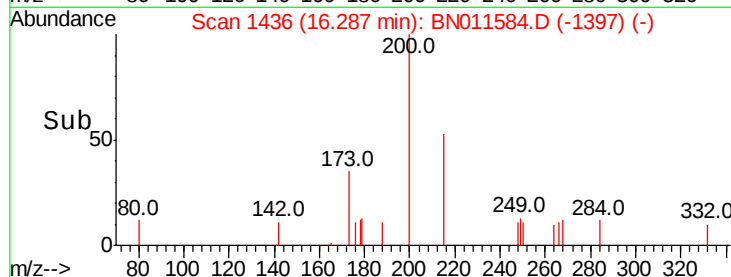
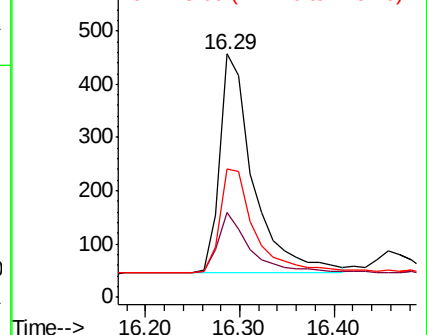
215 52.7 41.5 62.3



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: 0.273 ng

RT: 16.47 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

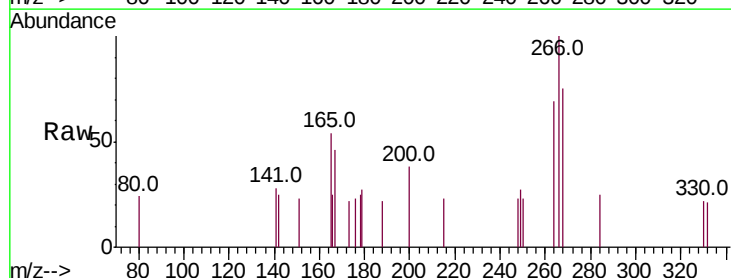
Tgt Ion:266 Resp: 575

Ion Ratio Lower Upper

266 100

264 64.2 48.7 73.1

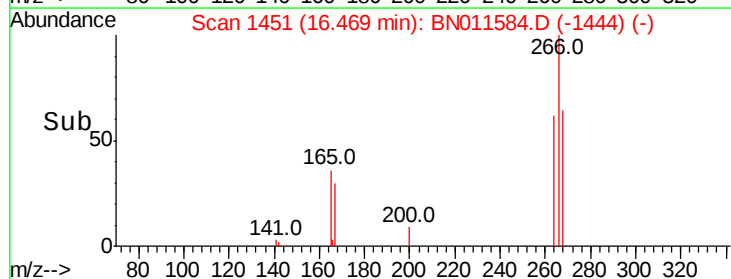
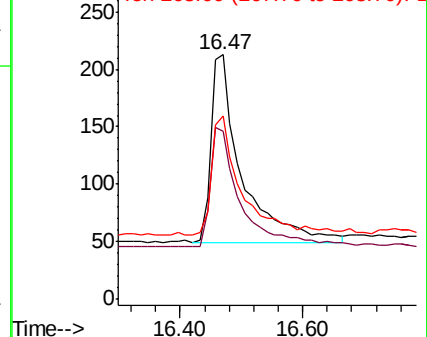
268 63.8 51.0 76.6

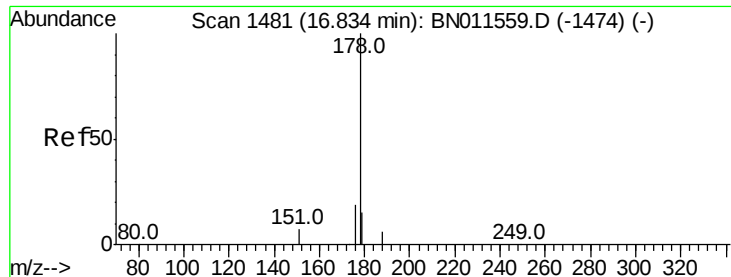


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.354 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

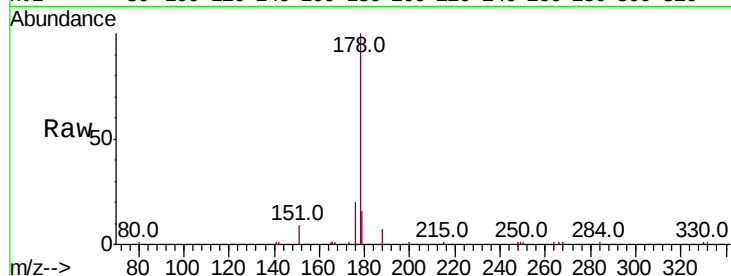
Tot Ion:178 Resp: 9765

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

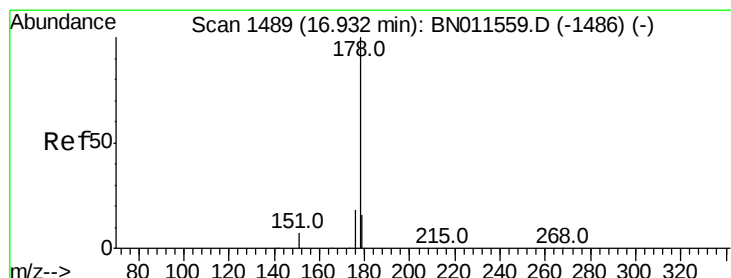
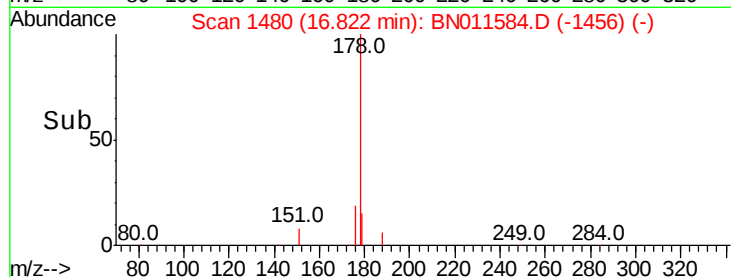
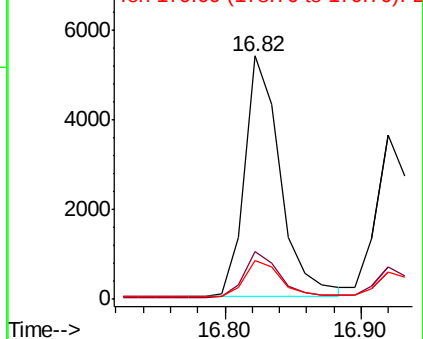
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.331 ng

RT: 16.92 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

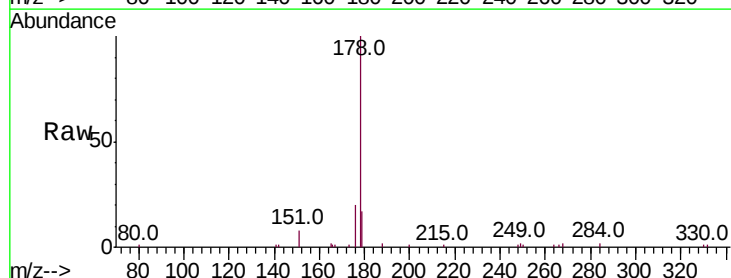
Tgt Ion:178 Resp: 7606

Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

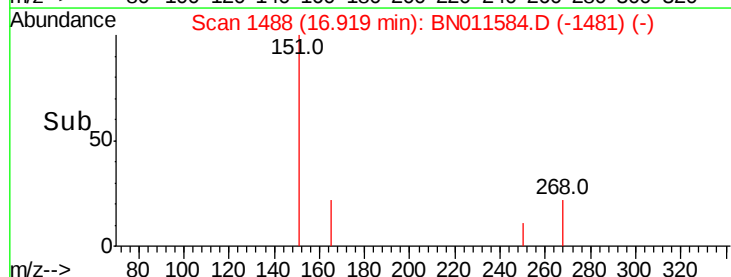
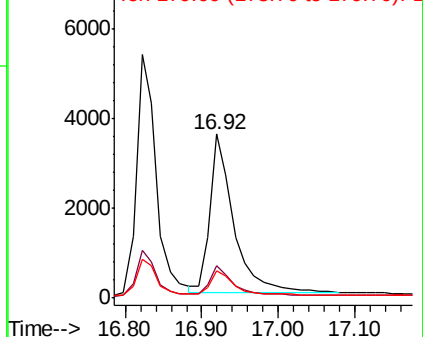
179 15.1 12.9 19.3

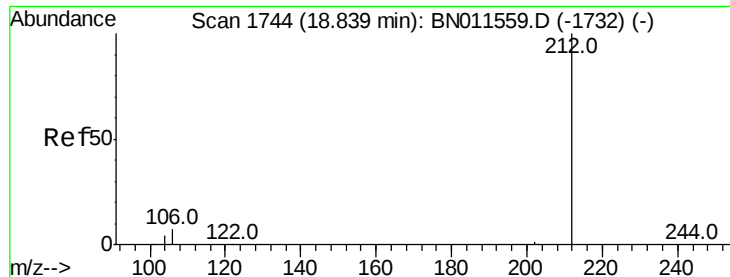


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

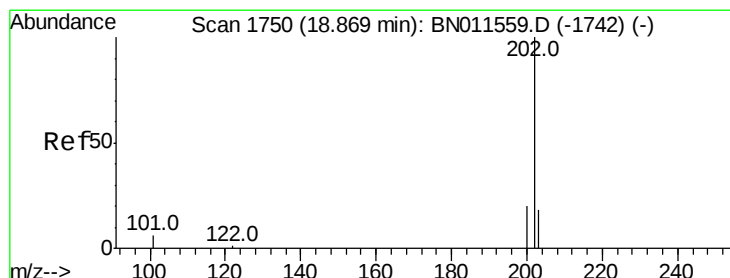
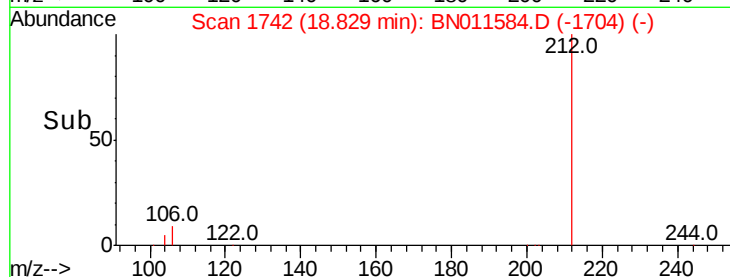
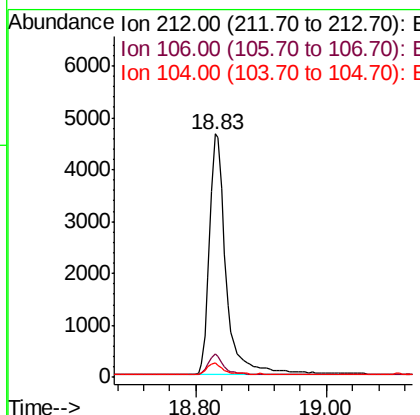
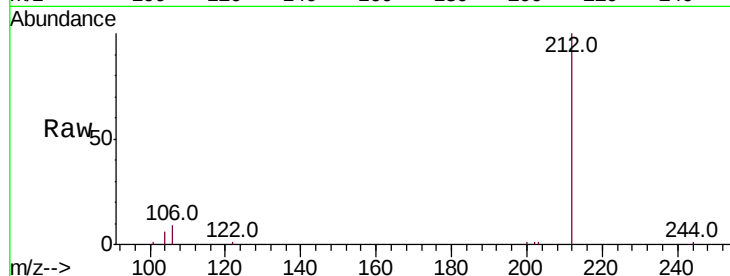




#27
 Fluoranthene-d10
 Concen: 0.280 ng
 RT: 18.83 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BN011584.D
 Acq: 22 Aug 2020 12:43

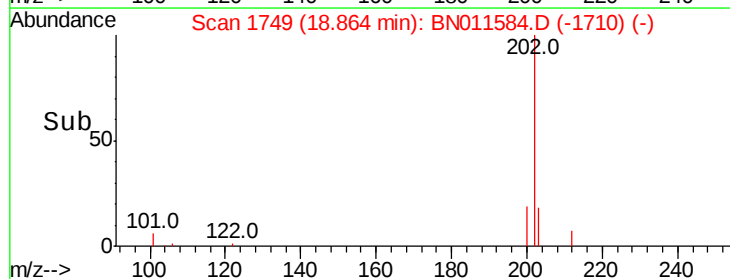
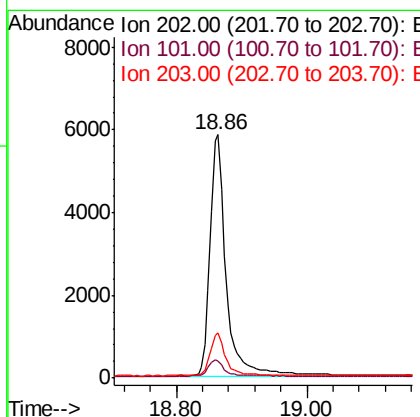
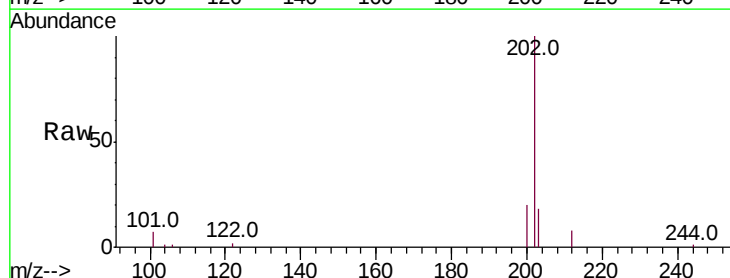
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

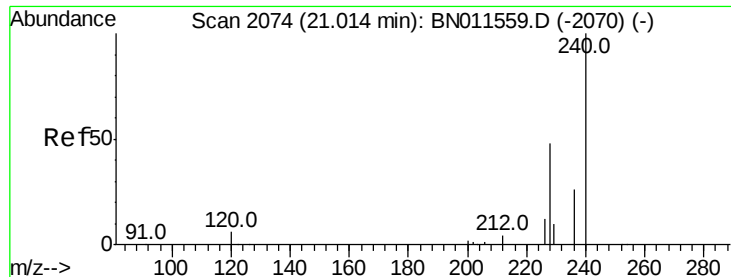
Tot Ion:212 Resp: 8260
 Ion Ratio Lower Upper
 212 100
 106 7.9 6.2 9.2
 104 4.5 3.8 5.6



#28
 Fluoranthene
 Concen: 0.279 ng
 RT: 18.86 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BN011584.D
 Acq: 22 Aug 2020 12:43

Tgt Ion:202 Resp: 9913
 Ion Ratio Lower Upper
 202 100
 101 7.2 5.2 7.8
 203 16.8 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

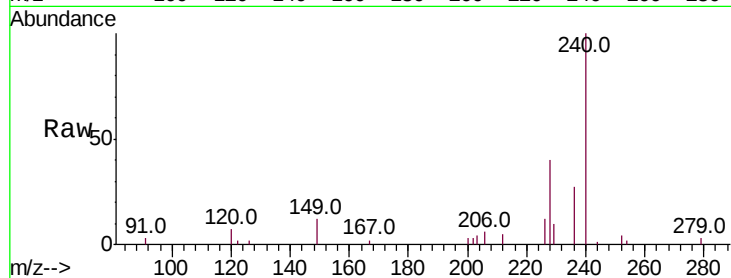
Tot Ion:240 Resp: 7197

Ion Ratio Lower Upper

240 100

120 7.2 7.4 11.0#

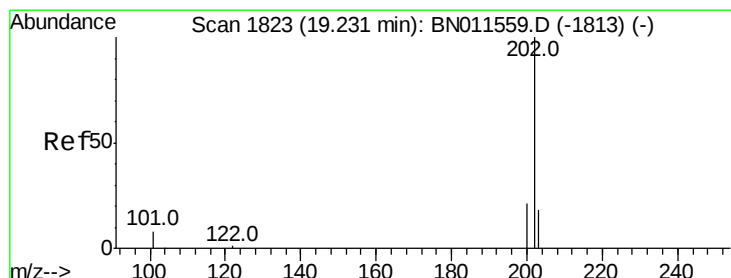
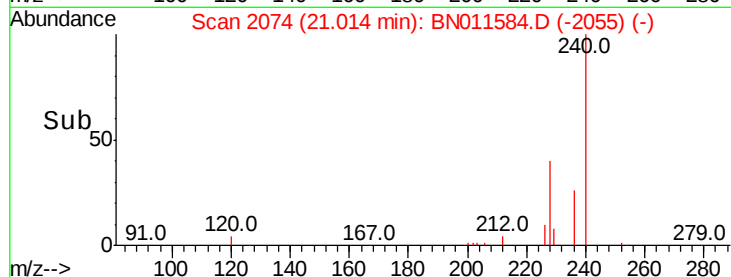
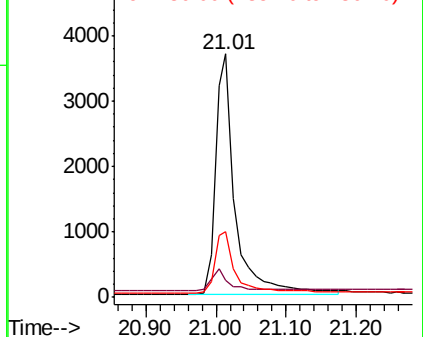
236 27.1 22.3 33.5



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: 0.342 ng

RT: 19.23 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

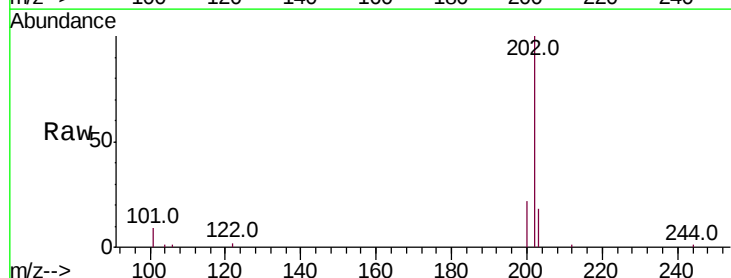
Tgt Ion:202 Resp: 9795

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

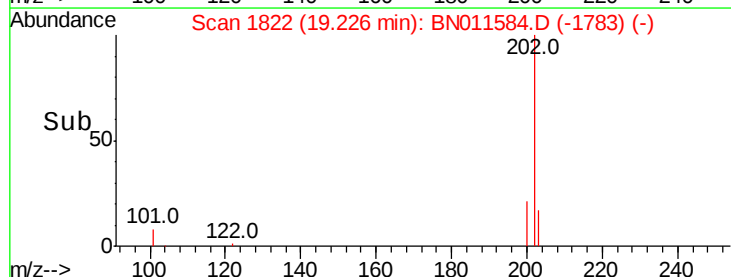
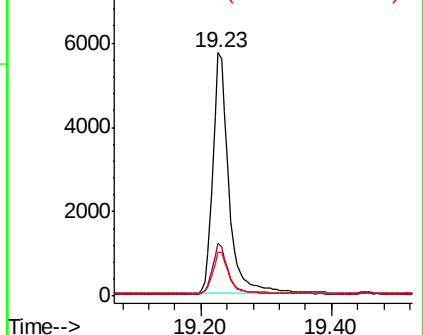
203 17.2 14.2 21.2

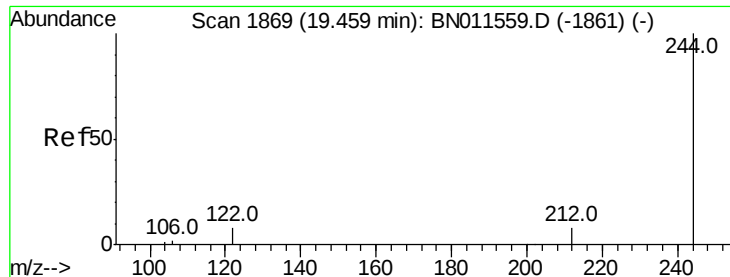


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.323 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

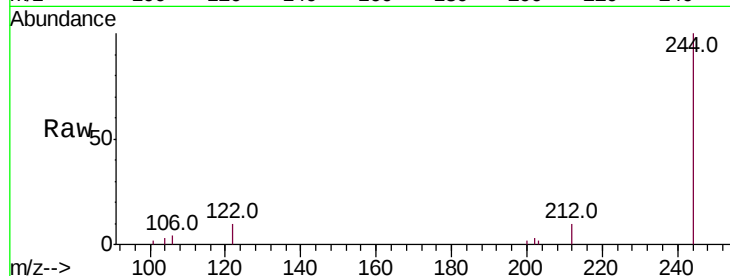
Tot Ion:244 Resp: 6055

Ion Ratio Lower Upper

244 100

212 9.7 8.2 12.4

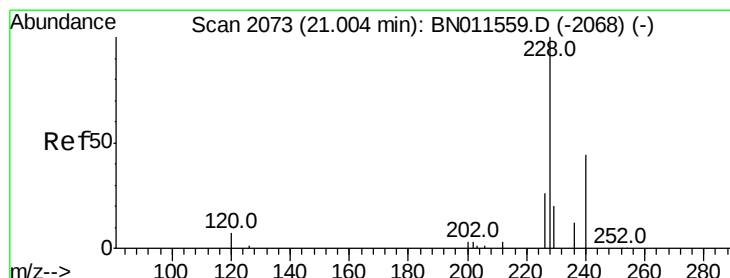
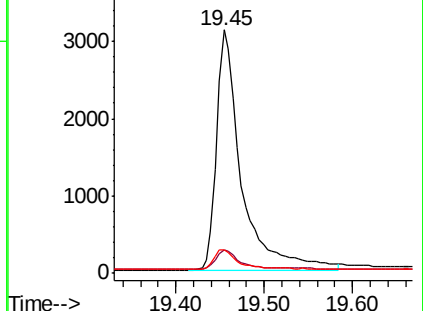
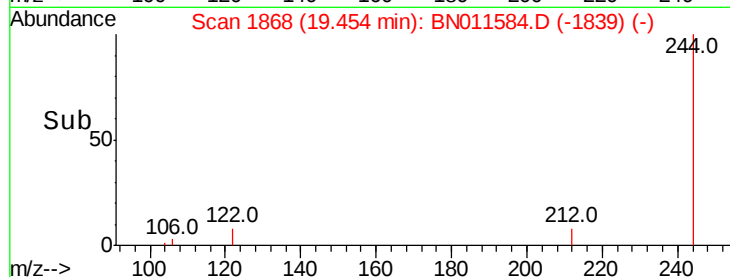
122 9.8 8.0 12.0



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: 0.349 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

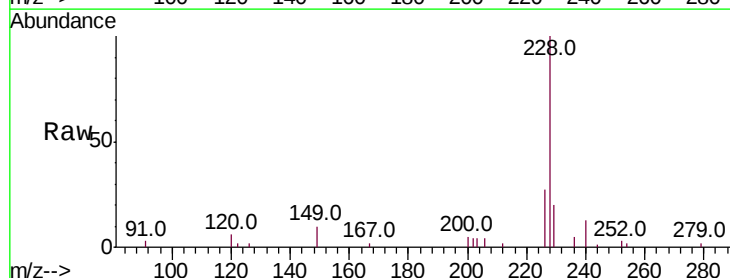
Tgt Ion:228 Resp: 8259

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

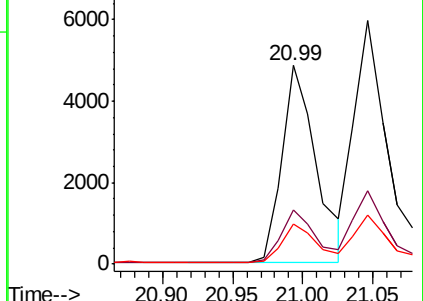
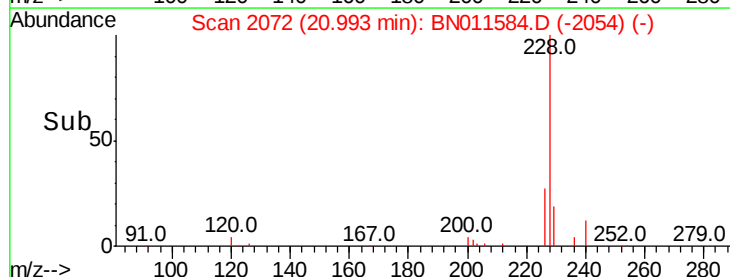
229 20.3 16.9 25.3

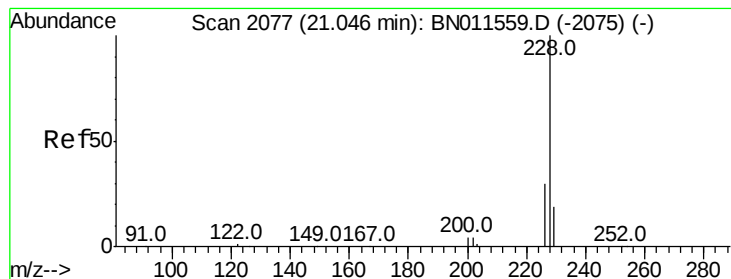


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.359 ng

RT: 21.05 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

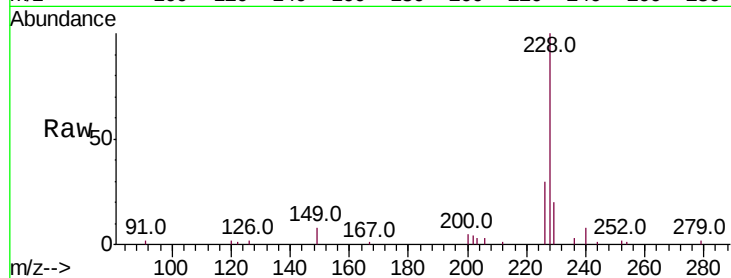
Tot Ion:228 Resp: 9668

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

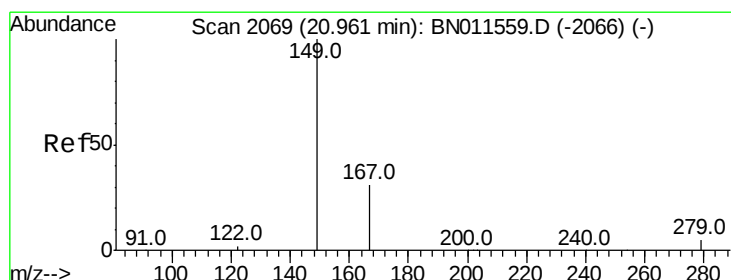
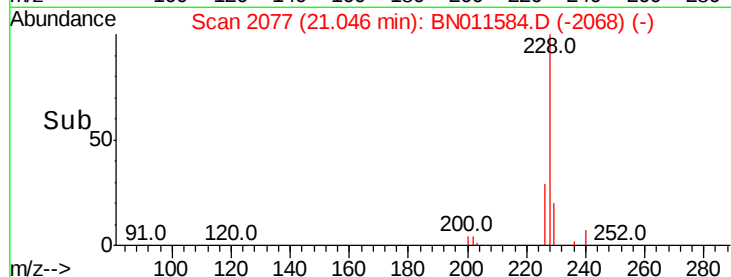
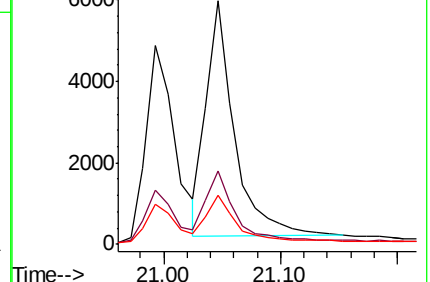
229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.327 ng

RT: 20.95 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

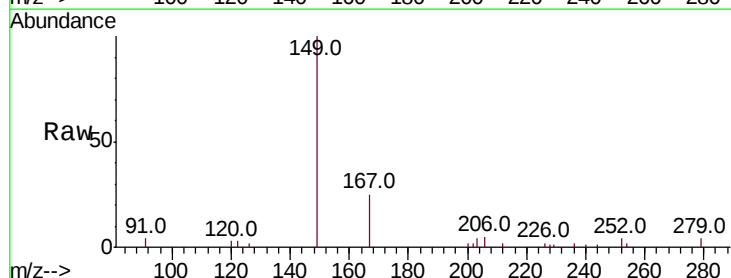
Tgt Ion:149 Resp: 3504

Ion Ratio Lower Upper

149 100

167 29.1 22.8 34.2

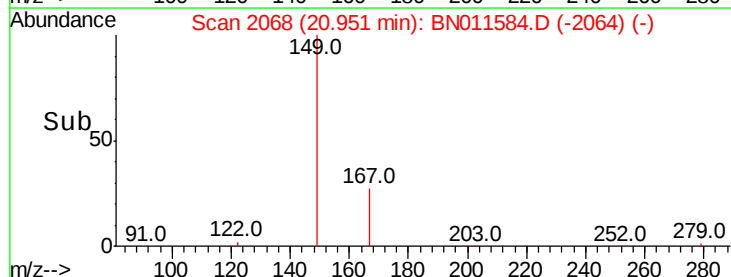
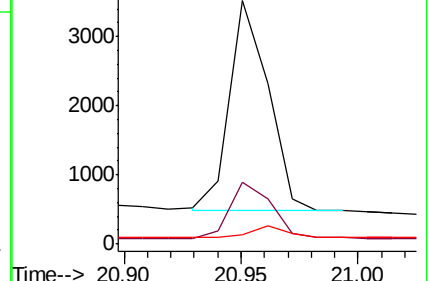
279 5.0 4.2 6.2

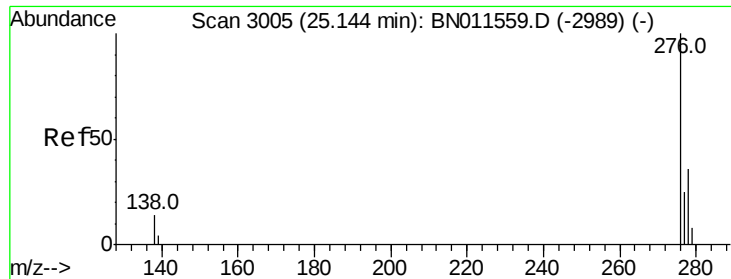


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

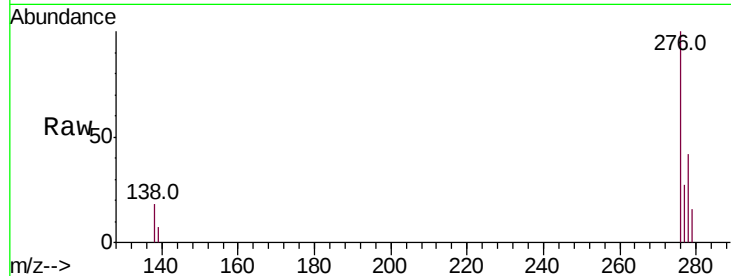




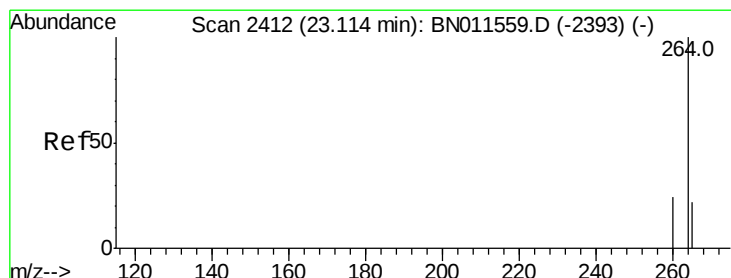
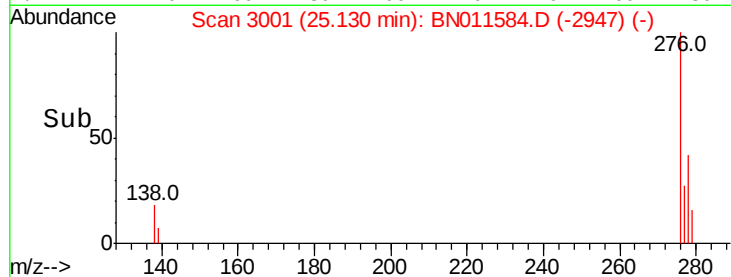
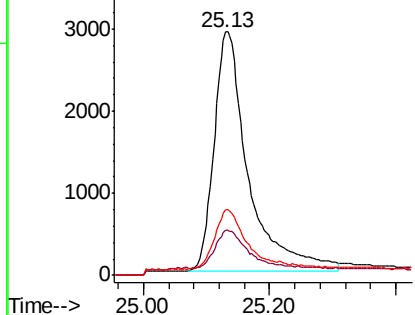
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.449 ng
 RT: 25.13 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BN011584.D
 Acq: 22 Aug 2020 12:43

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 10967
 Ion Ratio Lower Upper
 276 100
 138 18.1 11.6 17.4#
 277 23.2 18.2 27.4

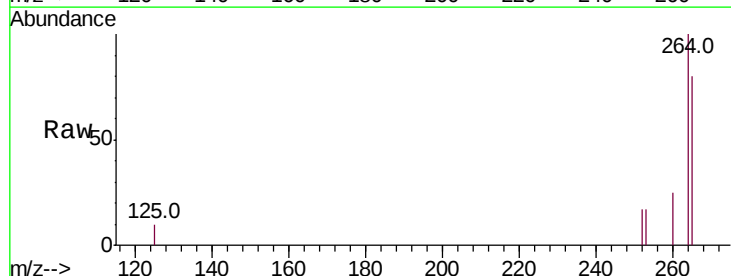


Abundance Ion 276.00 (275.70 to 276.70): E
 4000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

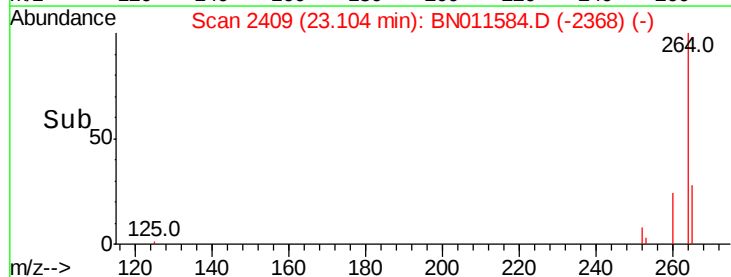
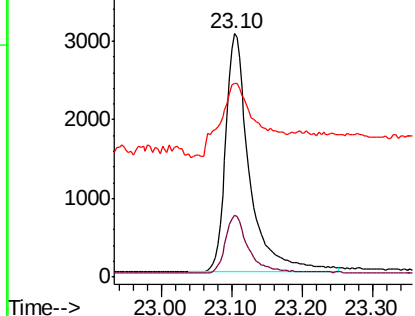


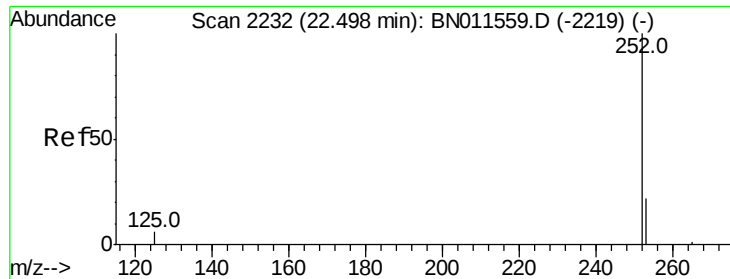
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BN011584.D
 Acq: 22 Aug 2020 12:43

Tgt Ion:264 Resp: 7120
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.3 30.5
 265 79.6 96.1 144.1#



Abundance Ion 264.00 (263.70 to 264.70): E
 4000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.308 ng

RT: 22.49 min Scan# 2230

Delta R.T. -0.01 min

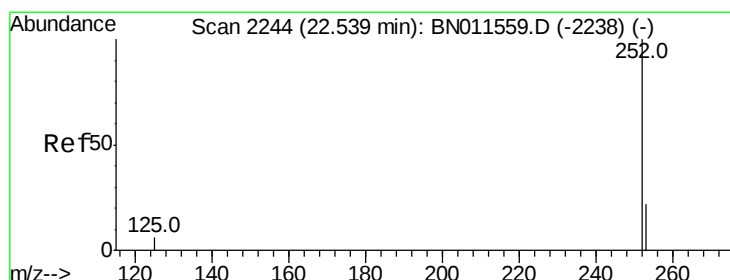
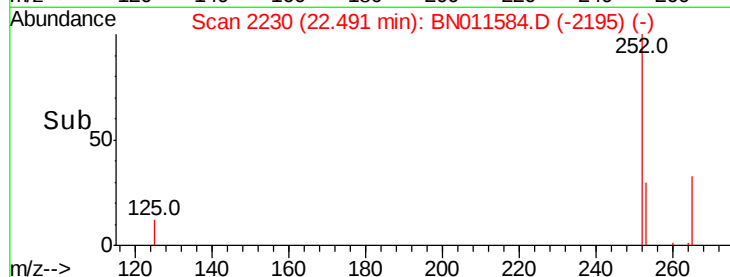
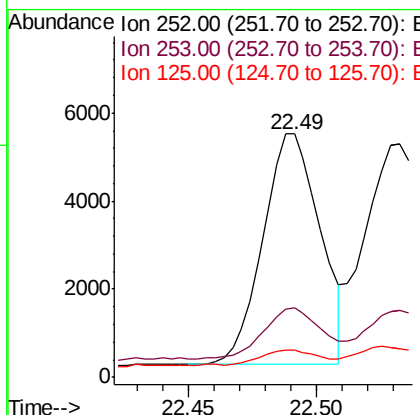
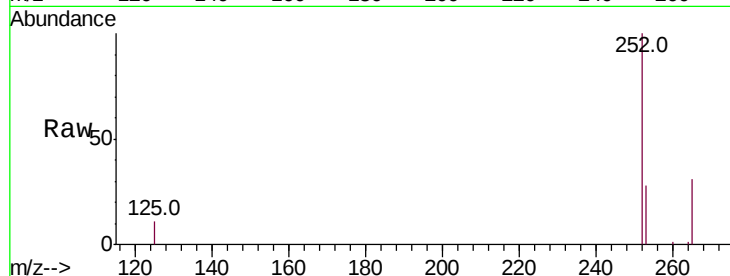
Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 8115

Ion	Ratio	Lower	Upper
252	100		
253	28.3	25.5	38.3
125	11.4	10.2	15.4



#38

Benzo(k)fluoranthene

Concen: 0.302 ng

RT: 22.53 min Scan# 2242

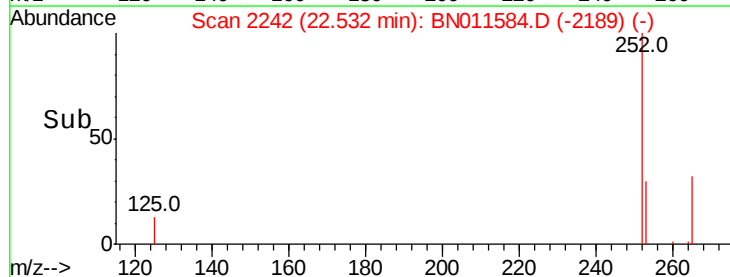
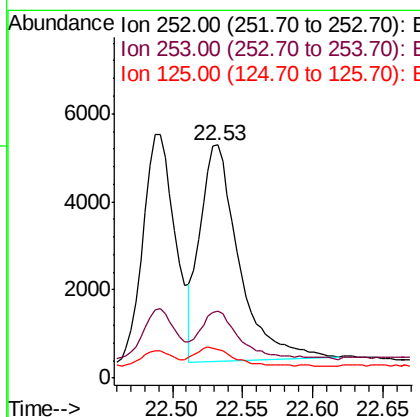
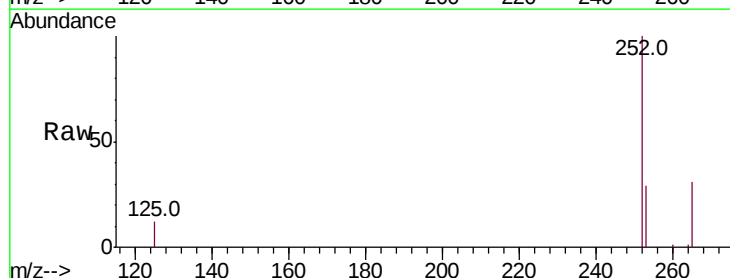
Delta R.T. -0.01 min

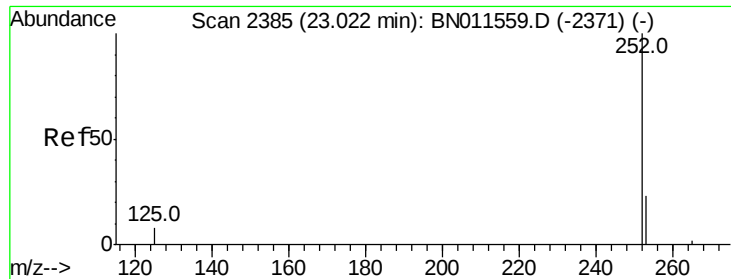
Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Tgt Ion:252 Resp: 9471

Ion	Ratio	Lower	Upper
252	100		
253	28.9	25.8	38.6
125	12.5	10.8	16.2





#39

Benzo(a)pyrene

Concen: 0.267 ng

RT: 23.02 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

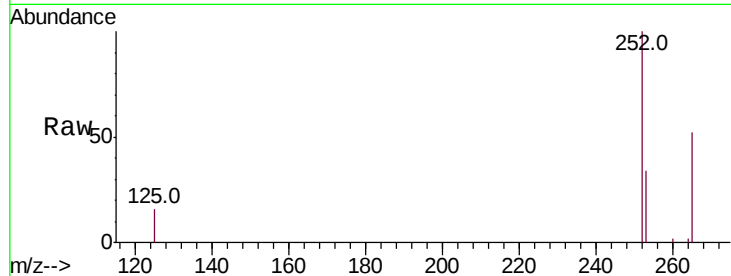
Tot Ion:252 Resp: 6498

Ion Ratio Lower Upper

252 100

253 33.7 31.8 47.8

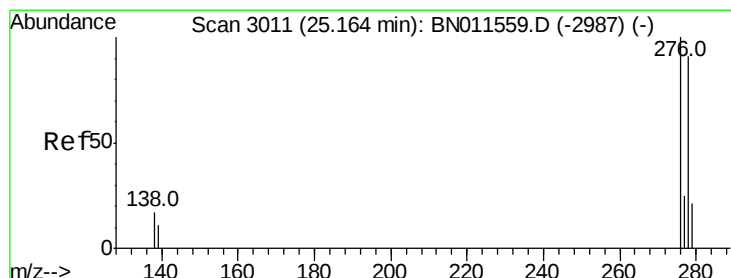
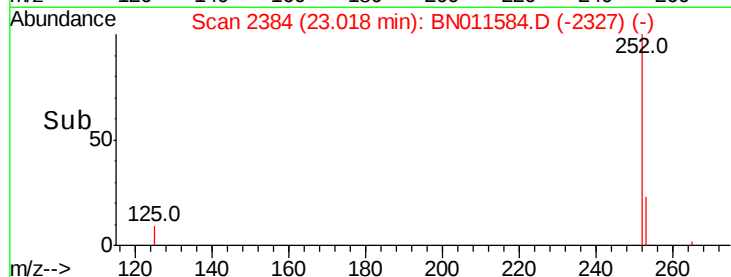
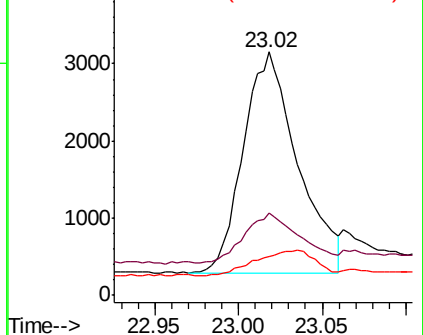
125 16.0 15.4 23.0



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: 0.424 ng

RT: 25.15 min Scan# 3007

Delta R.T. -0.01 min

Lab File: BN011584.D

Acq: 22 Aug 2020 12:43

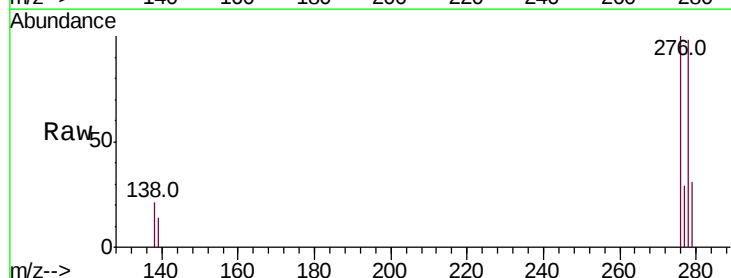
Tgt Ion:278 Resp: 8644

Ion Ratio Lower Upper

278 100

139 14.6 14.0 21.0

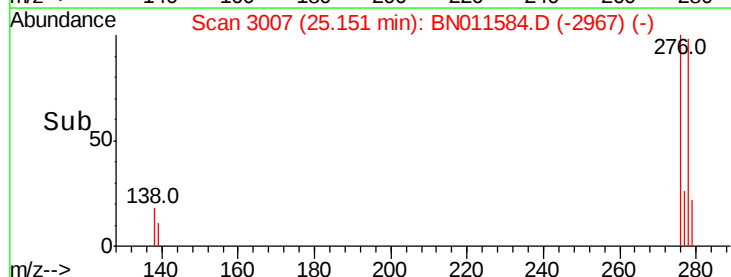
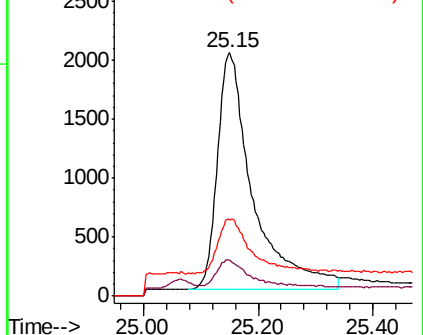
279 31.3 32.4 48.6#

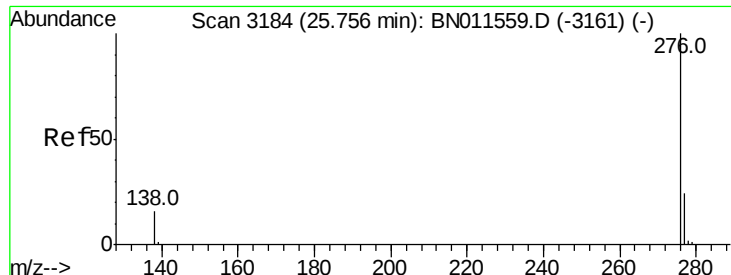


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.400 ng

RT: 25.74 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BN011584.D

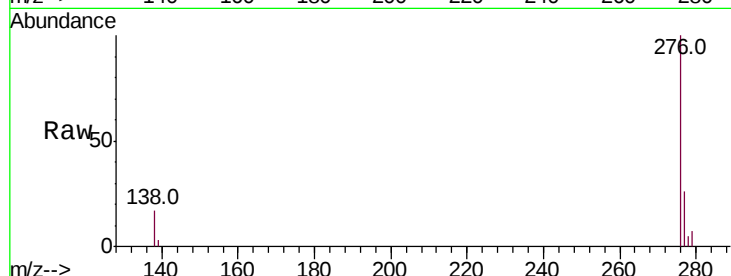
Acq: 22 Aug 2020 12:43

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 9708

Ion Ratio Lower Upper

276 100

277 26.1 22.1 33.1

138 17.0 15.4 23.2

Abundance Ion 276.00 (275.70 to 276.70): E
 4000 Ion 277.00 (276.70 to 277.70): E
 3000 Ion 138.00 (137.70 to 138.70): E
 2000
 1000
 0

