

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
 Data File : BN011602.D
 Acq On : 24 Aug 2020 18:10
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Aug 24 18:44:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 18:42:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2084	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9050	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	6132	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13945	0.40	ng	0.00
29) Chrysene-d12	21.33	240	15478	0.40	ng	0.00
36) Perylene-d12	23.59	264	15241	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2707	0.61	ng	0.00
5) Phenol-d6	6.92	99	3971	0.88	ng	0.00
8) Nitrobenzene-d5	8.91	82	3043	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	6292	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1326	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	9118	0.36	ng	0.00
27) Fluoranthene-d10	19.17	212	16480	0.35	ng	0.00
31) Terphenyl-d14	19.78	244	15229	0.38	ng	0.00

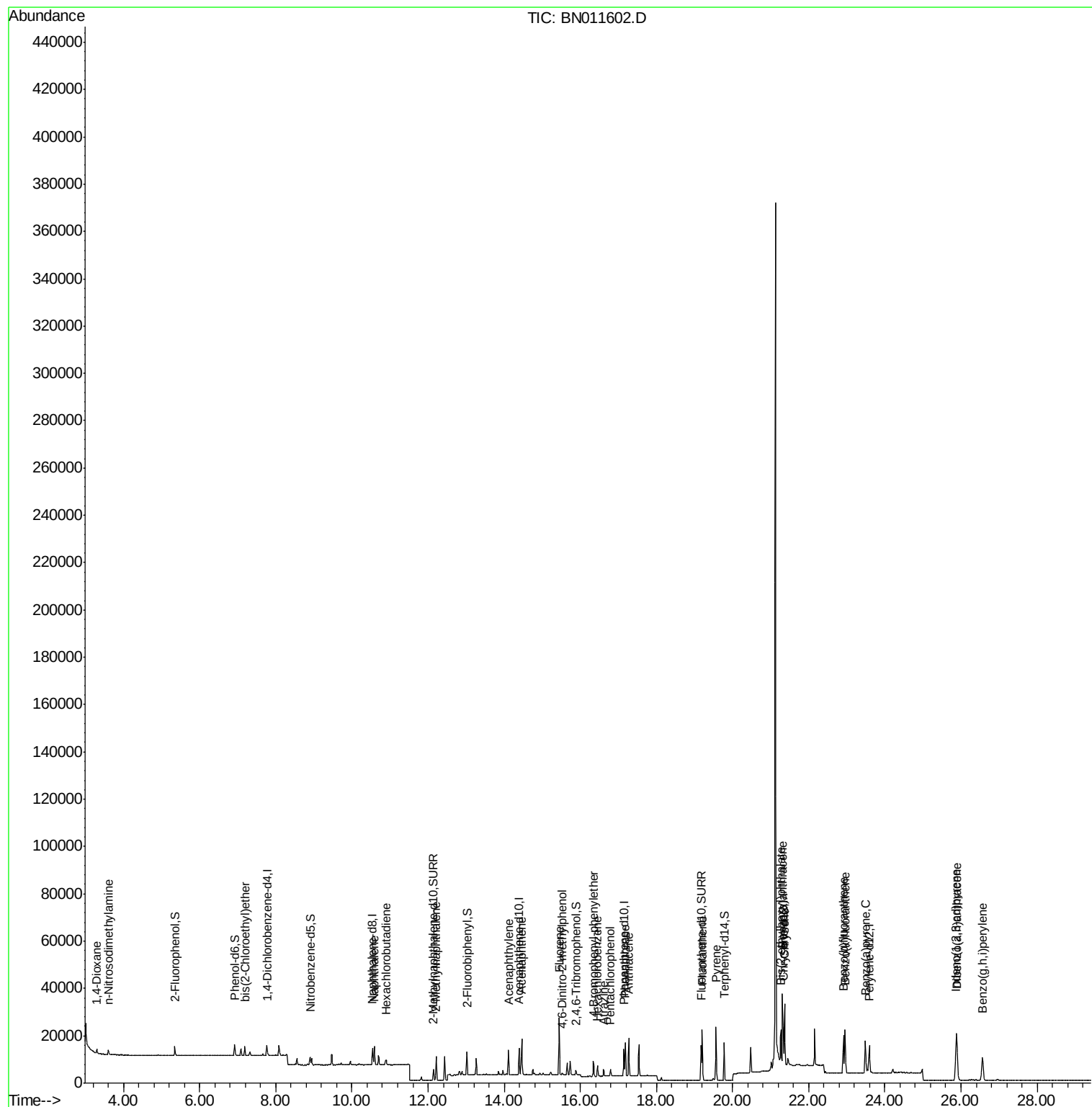
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1256	0.441	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	1464	1.247	ng	# 94
6) bis(2-Chloroethyl)ether	7.18	93	2715	0.618	ng	100
9) Naphthalene	10.59	128	9628	0.367	ng	100
10) Hexachlorobutadiene	10.90	225	2017	0.275	ng	# 99
12) 2-Methylnaphthalene	12.21	142	7114	0.394	ng	100
16) Acenaphthylene	14.12	152	11818	0.379	ng	100
17) Acenaphthene	14.46	154	7697	0.376	ng	100
18) Fluorene	15.45	166	9806	0.362	ng	100
20) 4,6-Dinitro-2-methylphenol	15.52	198	535	0.318	ng	100
21) 4-Bromophenyl-phenylether	16.34	248	3000	0.985	ng	100
22) Hexachlorobenzene	16.44	284	3602	0.335	ng	100
23) Atrazine	16.60	200	2276	0.314	ng	100
24) Pentachlorophenol	16.79	266	1582	0.472	ng	97
25) Phenanthrene	17.18	178	16292	0.371	ng	100
26) Anthracene	17.27	178	16131	0.441	ng	100
28) Fluoranthene	19.21	202	19830	0.351	ng	100
30) Pyrene	19.57	202	20579	0.334	ng	100
32) Benzo(a)anthracene	21.31	228	21273	0.418	ng	100
33) Chrysene	21.36	228	19413	0.336	ng	100
34) Bis(2-ethylhexyl)phthalate	21.27	149	14262	0.564	ng	100
35) Indeno(1,2,3-cd)pyrene	25.87	276	24521	0.467	ng	# 100
37) Benzo(b)fluoranthene	22.91	252	20633	0.366	ng	100
38) Benzo(k)fluoranthene	22.96	252	20807	0.310	ng	100
39) Benzo(a)pyrene	23.49	252	19515	0.374	ng	100
40) Dibenzo(a,h)anthracene	25.89	278	20343	0.467	ng	100
41) Benzo(g,h,i)perylene	26.56	276	19903	0.383	ng	100

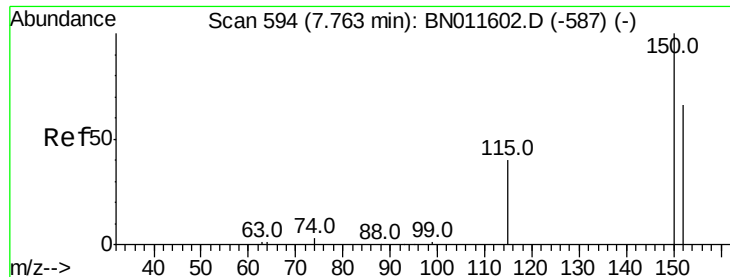
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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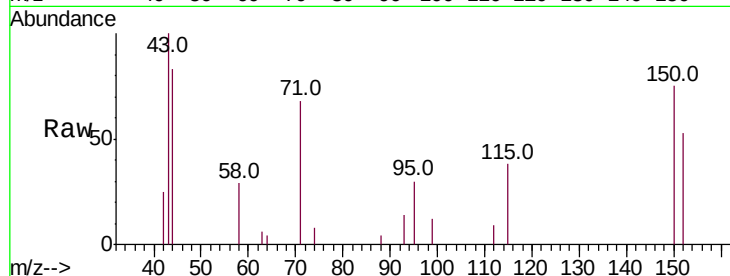


#1

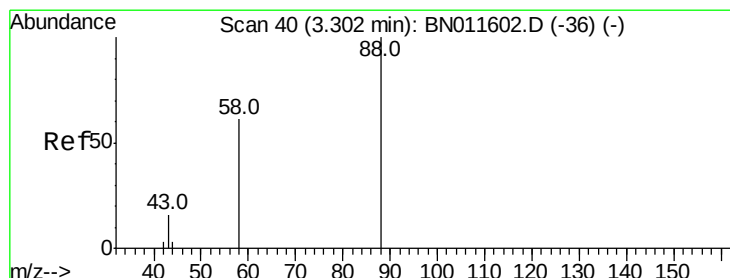
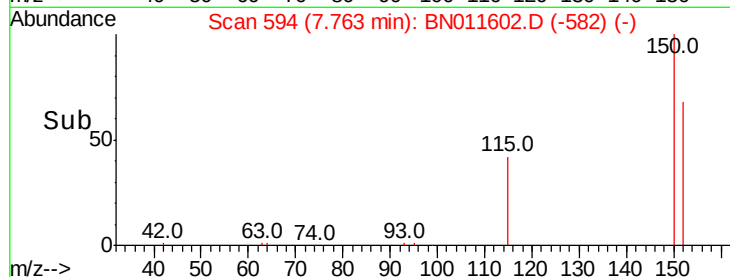
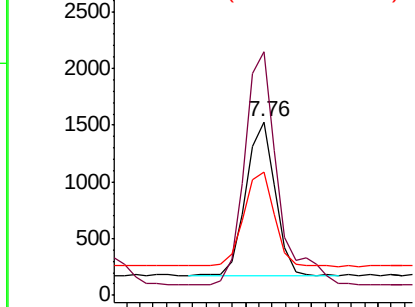
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 594
Delta R.T. 0.00 min
Lab File: BN011602.D
Acq: 24 Aug 2020 18:10

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 2084
Ion Ratio Lower Upper
152 100
150 140.5 112.4 168.6
115 71.1 56.9 85.3



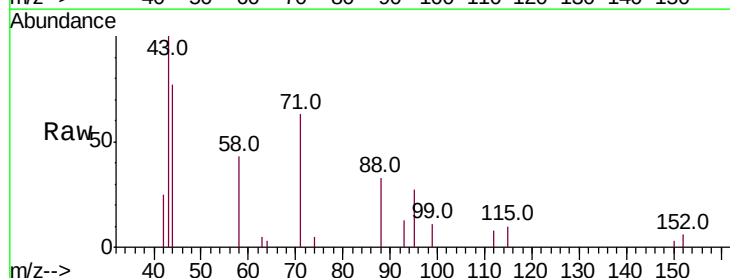
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



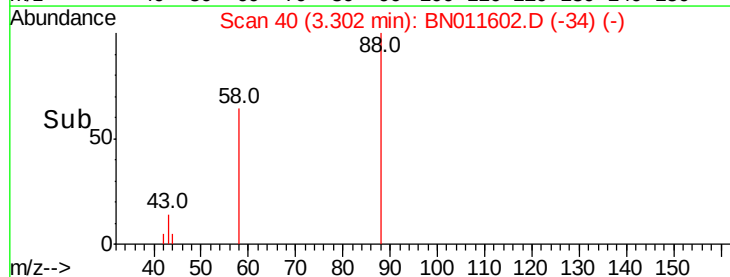
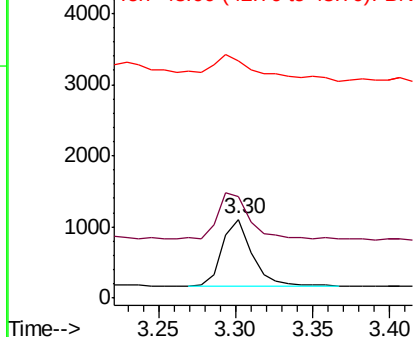
#2

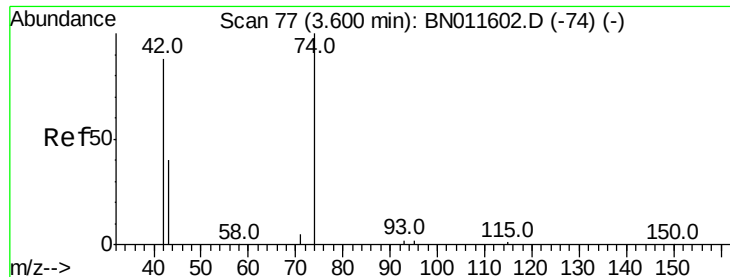
1,4-Dioxane
Concen: 0.441 ng
RT: 3.30 min Scan# 40
Delta R.T. 0.00 min
Lab File: BN011602.D
Acq: 24 Aug 2020 18:10

Tgt Ion: 88 Resp: 1256
Ion Ratio Lower Upper
88 100
58 73.3 3.0 4.4#
43 55.7 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: 1.247 ng

RT: 3.60 min Scan# 77

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

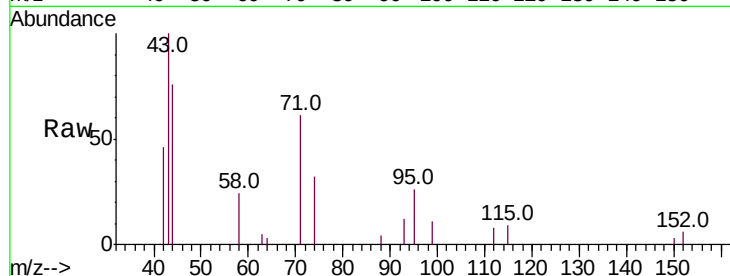
Tot Ion: 42 Resp: 1464

Ion Ratio Lower Upper

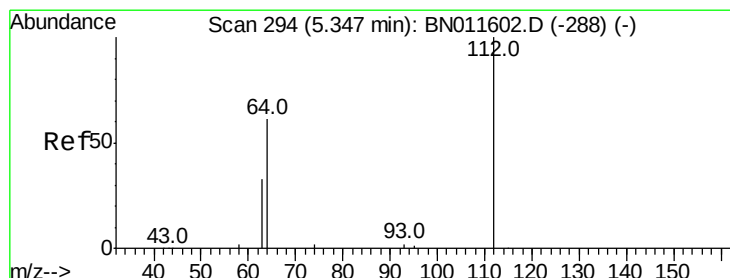
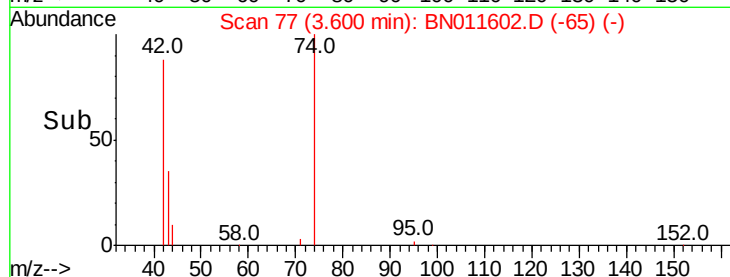
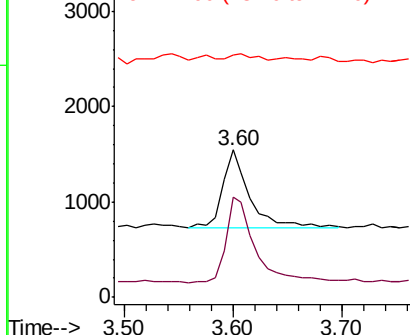
42 100

74 112.6 0.0 0.0#

44 8.1 8.2 12.4#



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



#4

2-Fluorophenol

Concen: 0.609 ng

RT: 5.35 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

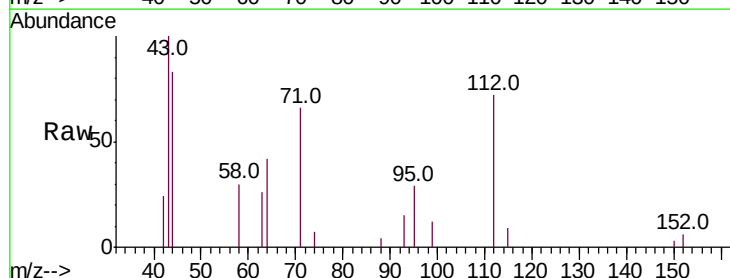
Tgt Ion: 112 Resp: 2707

Ion Ratio Lower Upper

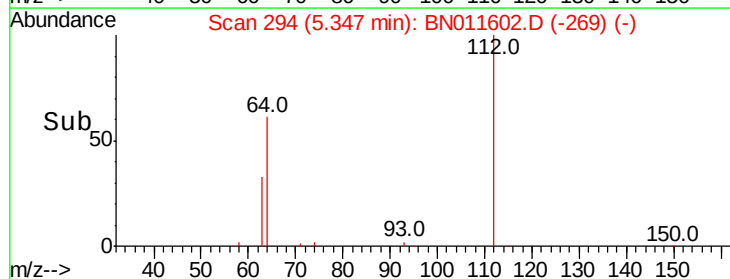
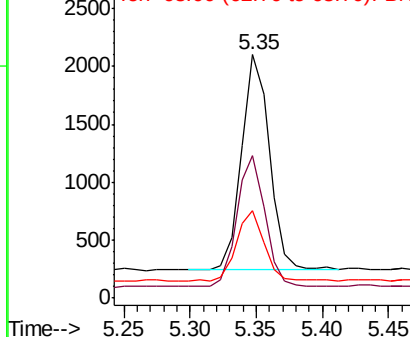
112 100

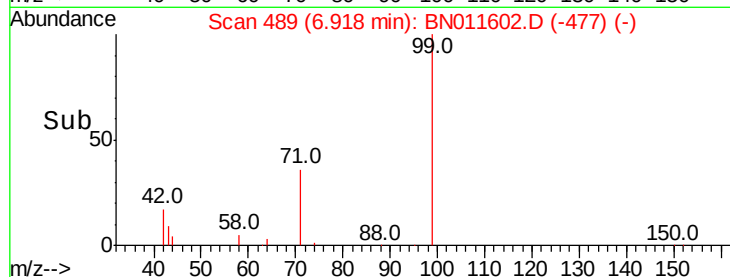
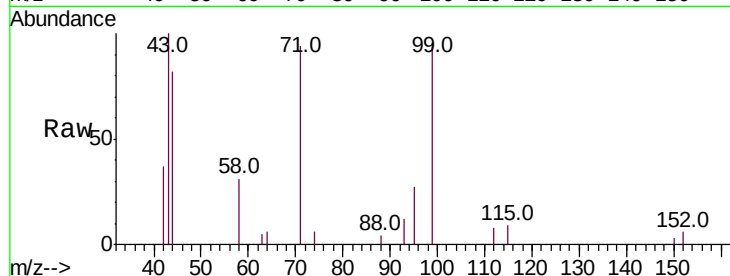
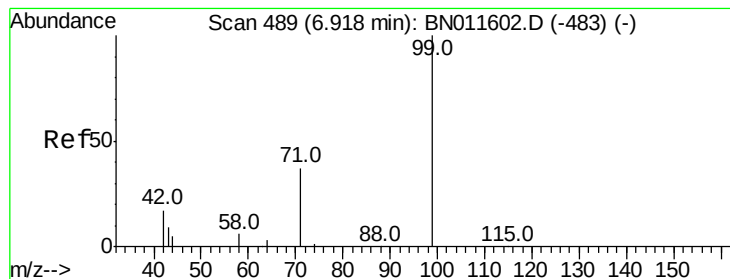
64 62.0 49.6 74.4

63 33.0 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.884 ng

RT: 6.92 min Scan# 489

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

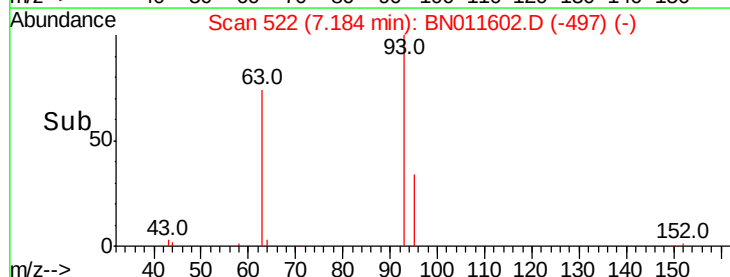
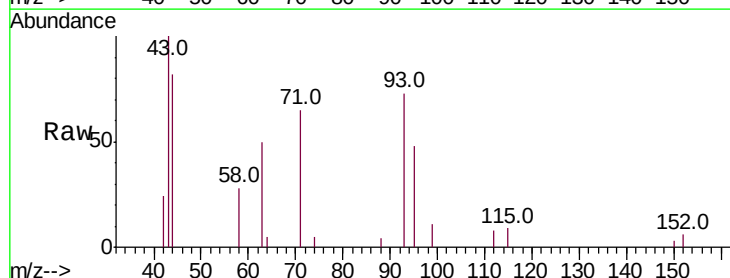
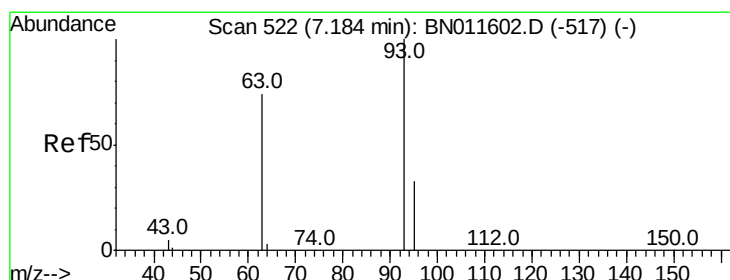
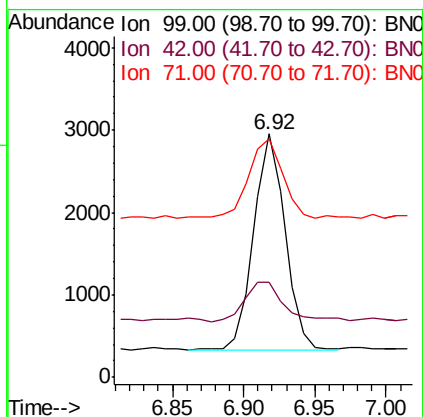
Tot Ion: 99 Resp: 3971

Ion Ratio Lower Upper

99 100

42 23.0 0.0 0.0#

71 40.7 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.618 ng

RT: 7.18 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

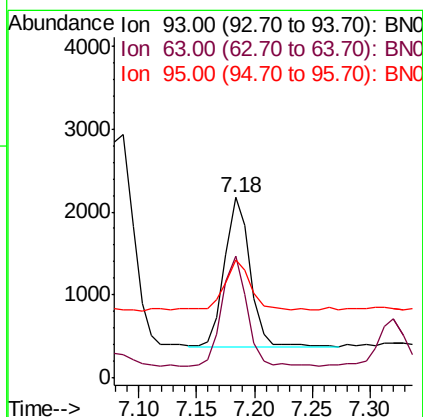
Tgt Ion: 93 Resp: 2715

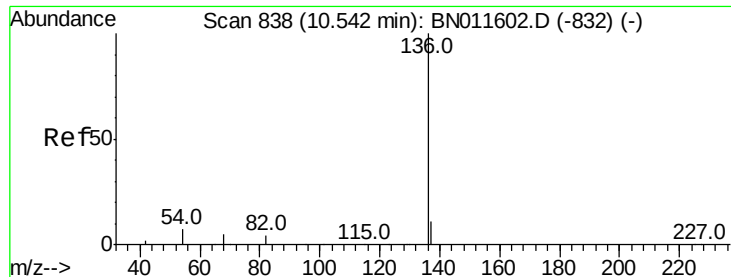
Ion Ratio Lower Upper

93 100

63 72.4 57.8 86.8

95 35.5 28.3 42.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 9050

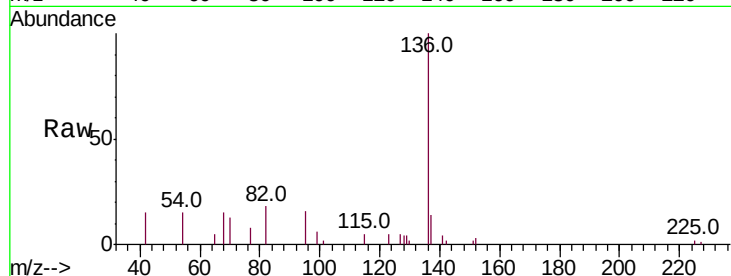
Ion Ratio Lower Upper

136 100

137 14.4 11.5 17.3

54 14.9 11.9 17.9

68 15.4 12.3 18.5

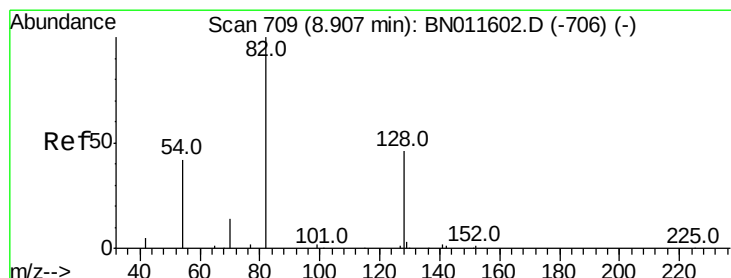
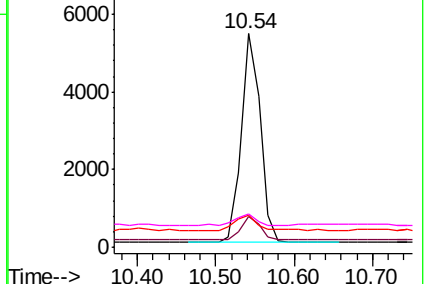
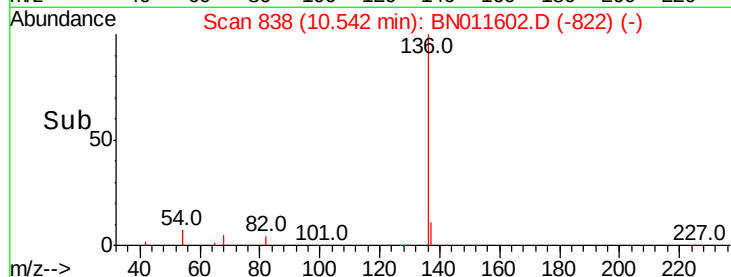


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.512 ng

RT: 8.91 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

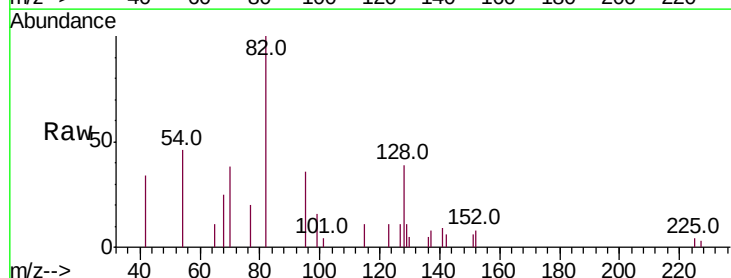
Tgt Ion: 82 Resp: 3043

Ion Ratio Lower Upper

82 100

128 38.9 31.1 46.7

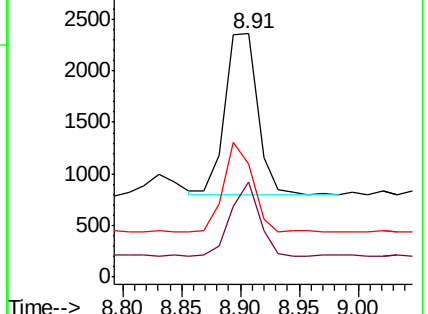
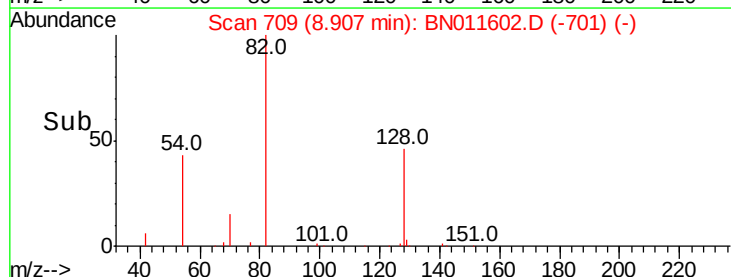
54 46.4 37.1 55.7

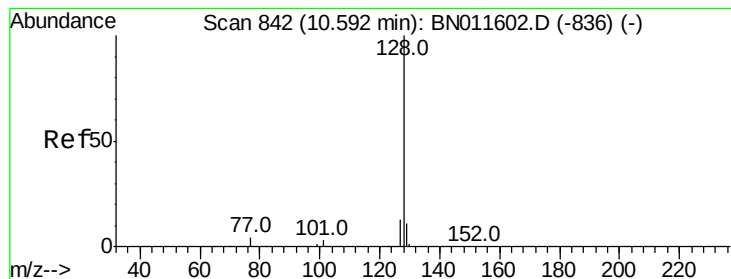


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.367 ng

RT: 10.59 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

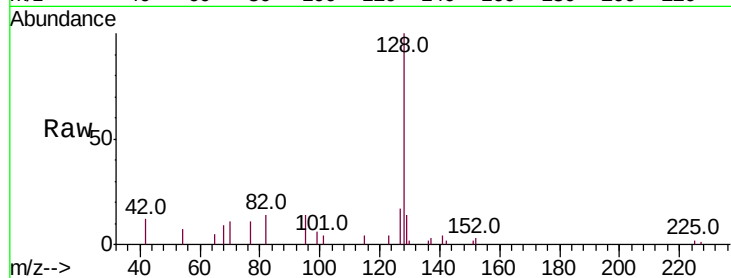
Tot Ion:128 Resp: 9628

Ion Ratio Lower Upper

128 100

129 13.7 11.0 16.4

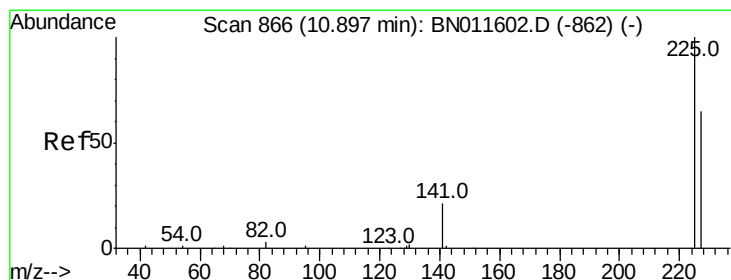
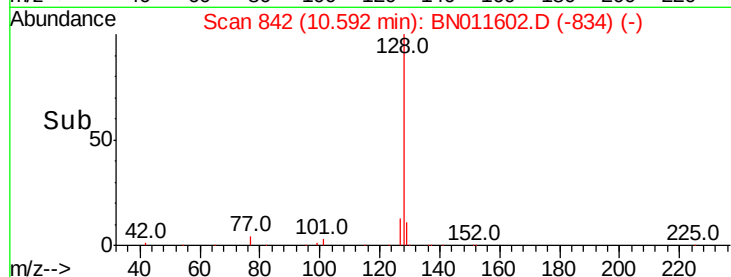
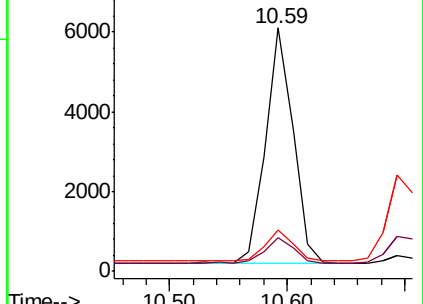
127 16.9 13.5 20.3



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: 0.275 ng

RT: 10.90 min Scan# 866

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

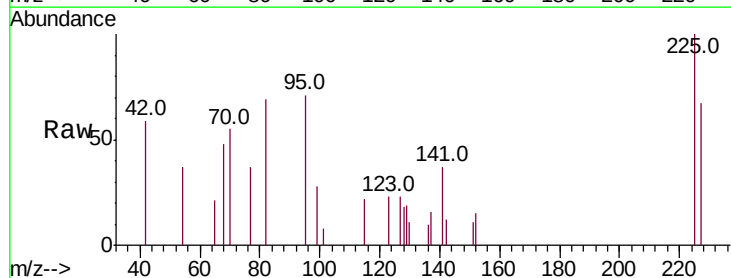
Tgt Ion:225 Resp: 2017

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

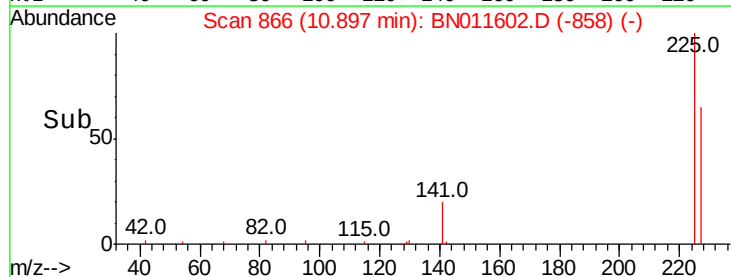
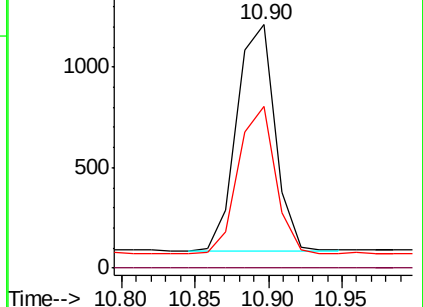
227 63.4 50.2 75.2

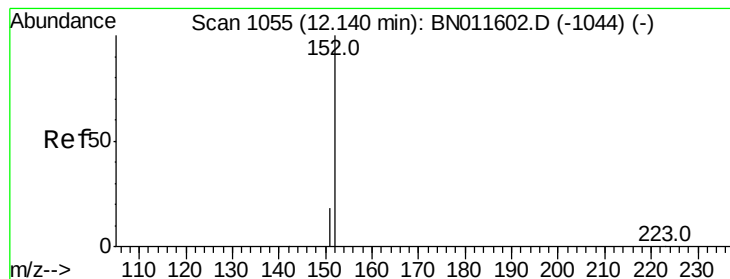


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.389 ng

RT: 12.14 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

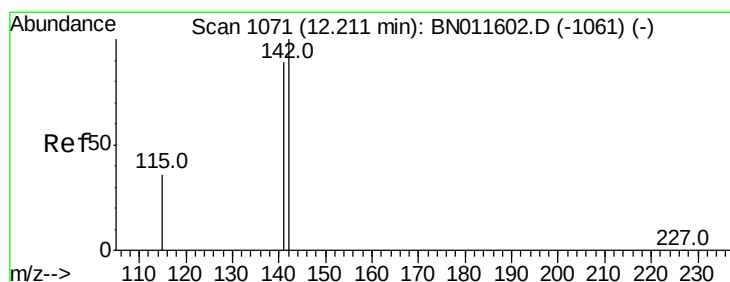
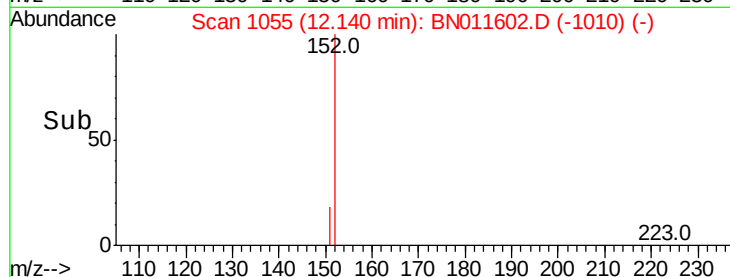
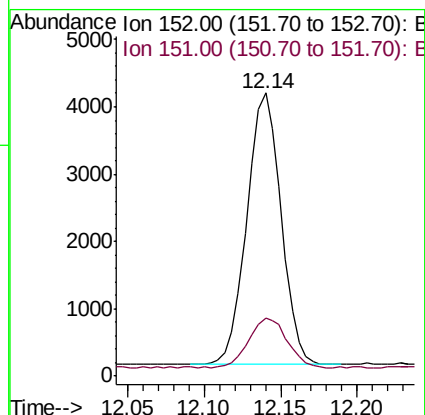
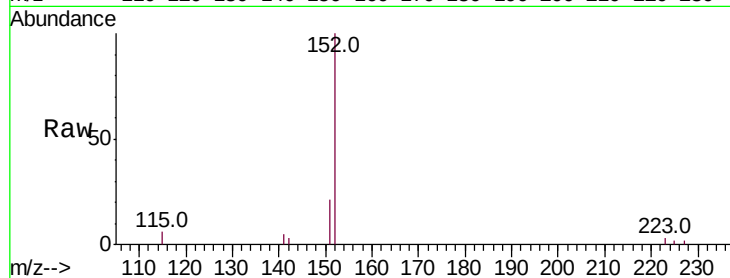
SSTDICCC0.4

Tot Ion:152 Resp: 6292

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 12.21 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

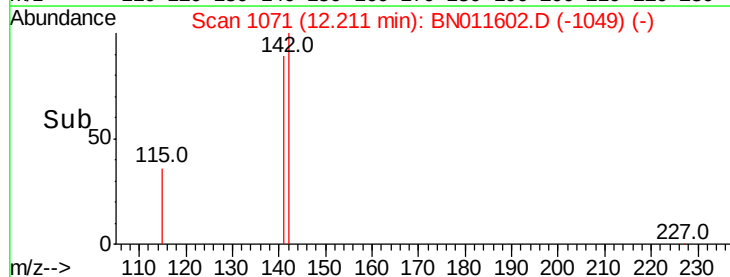
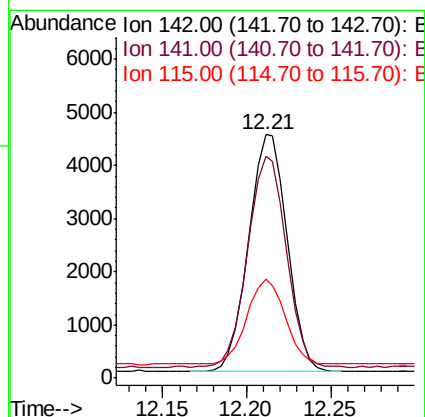
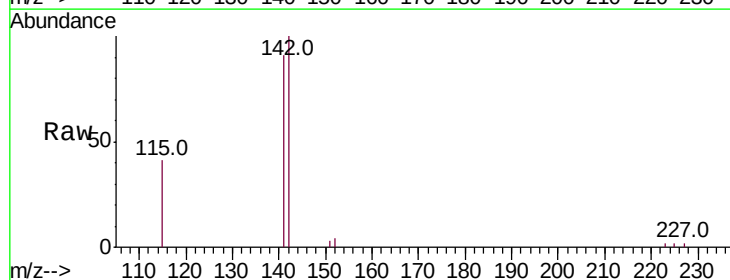
Tgt Ion:142 Resp: 7114

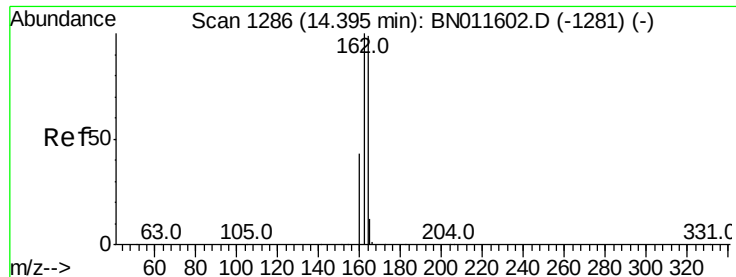
Ion Ratio Lower Upper

142 100

141 90.9 72.7 109.1

115 40.9 32.7 49.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

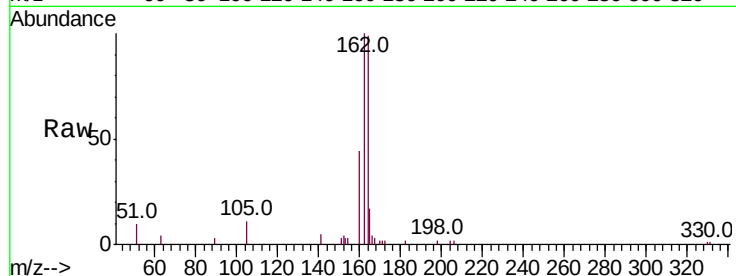
Tot Ion:164 Resp: 6132

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

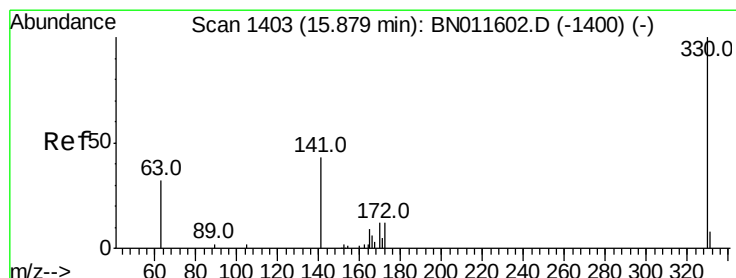
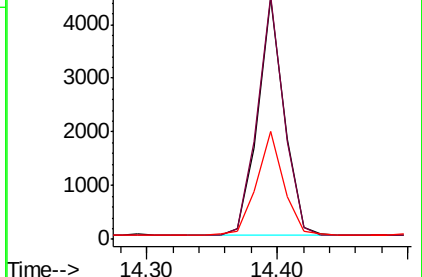
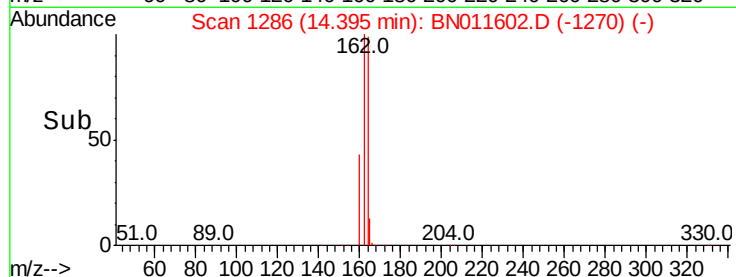
160 44.5 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.434 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

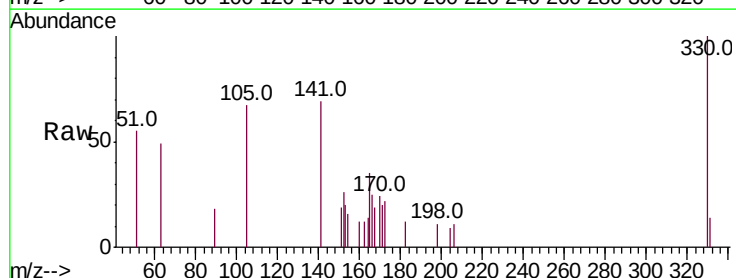
Tgt Ion:330 Resp: 1326

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

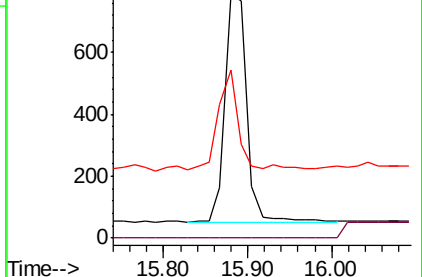
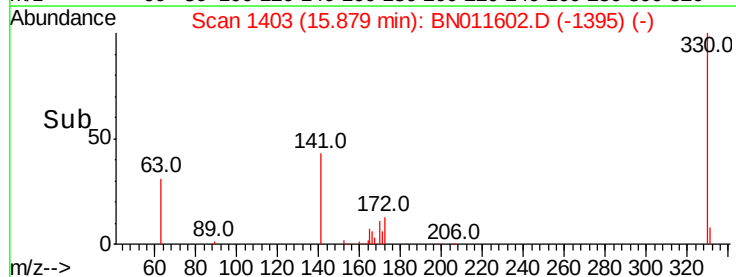
141 37.1 29.4 44.2

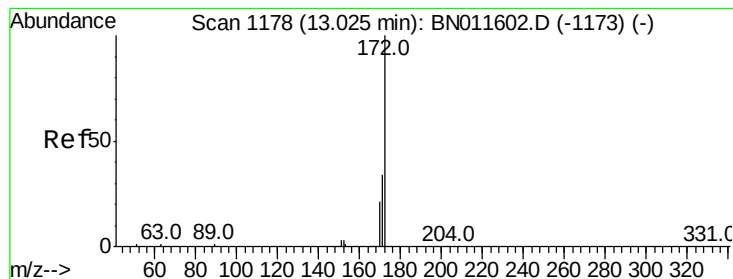


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 13.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

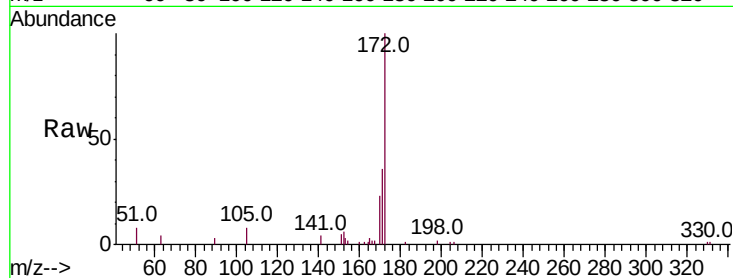
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:172 Resp: 9118

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	22.7	18.2	27.2

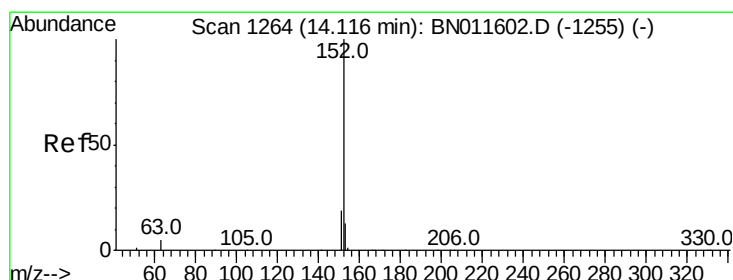
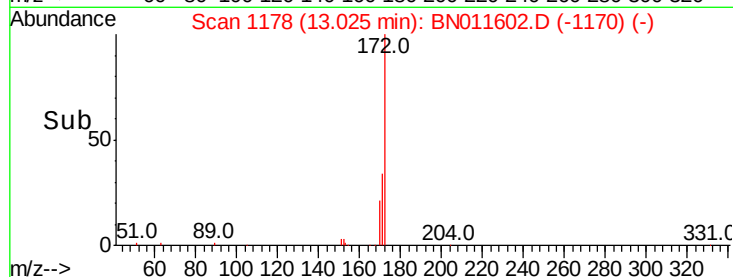
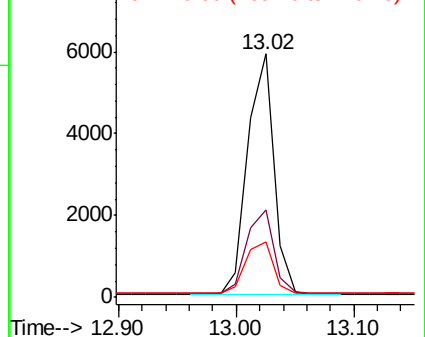


Abundance

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: 0.379 ng

RT: 14.12 min Scan# 1264

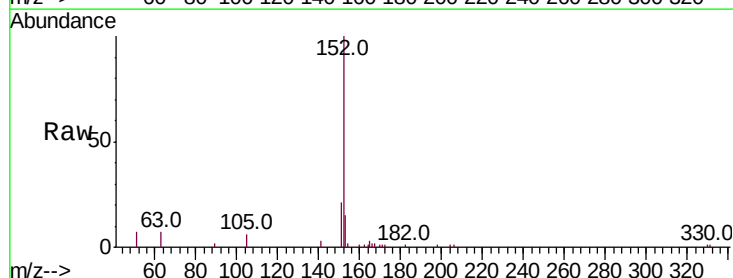
Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Tgt Ion:152 Resp: 11818

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.7	11.0	16.4

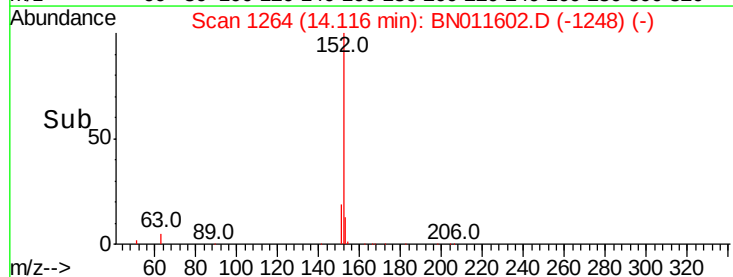
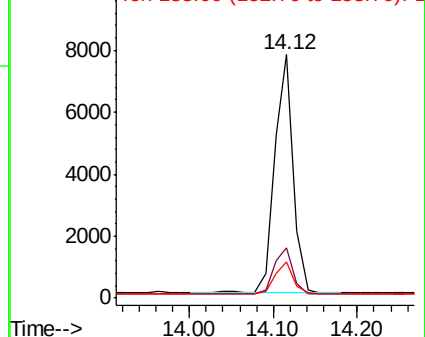


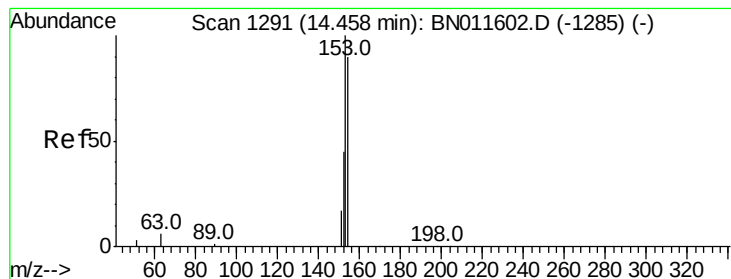
Abundance

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: 0.376 ng

RT: 14.46 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

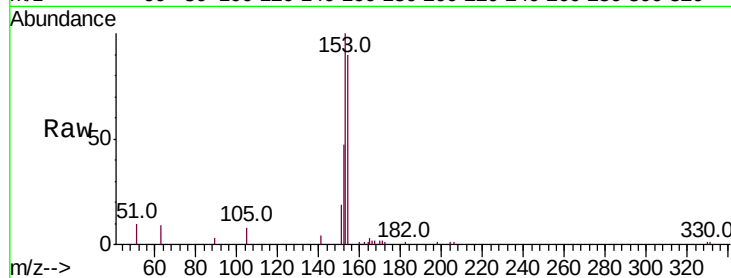
Tot Ion:154 Resp: 7697

Ion Ratio Lower Upper

154 100

153 108.3 86.6 130.0

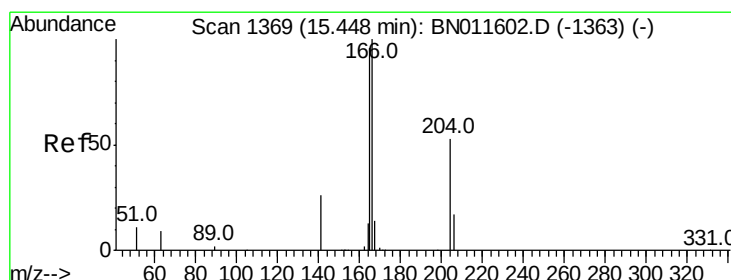
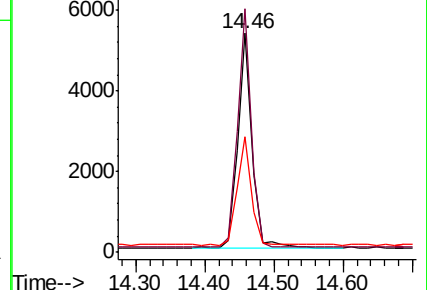
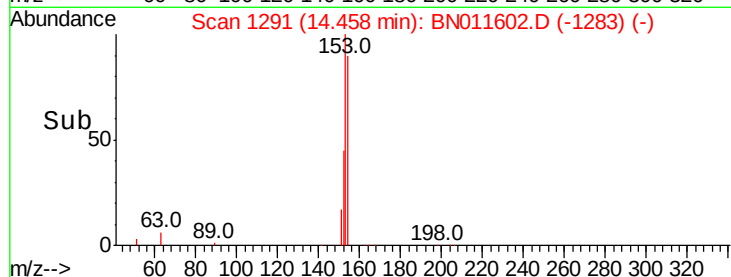
152 50.1 40.1 60.1



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: 0.362 ng

RT: 15.45 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

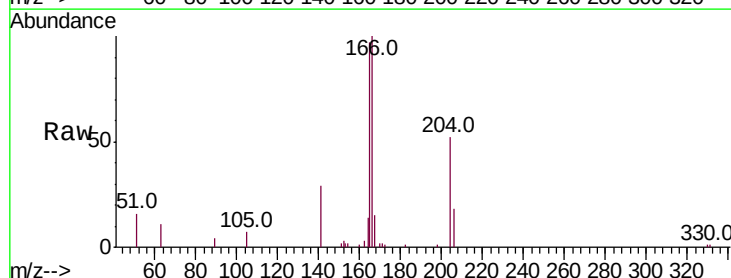
Tgt Ion:166 Resp: 9806

Ion Ratio Lower Upper

166 100

165 96.8 77.4 116.2

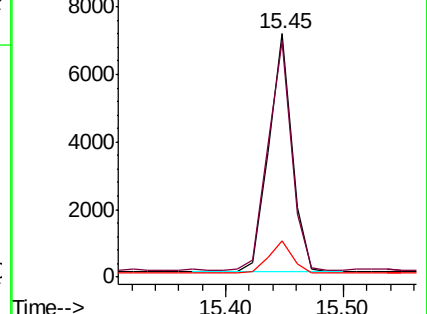
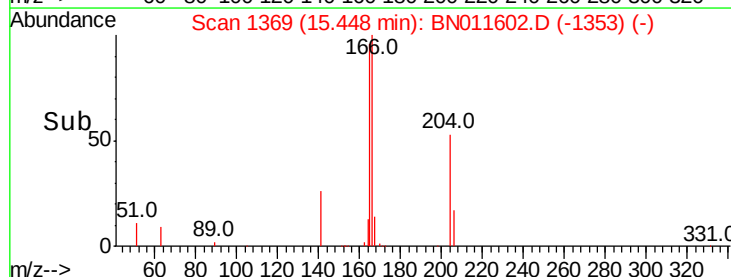
167 14.4 11.5 17.3

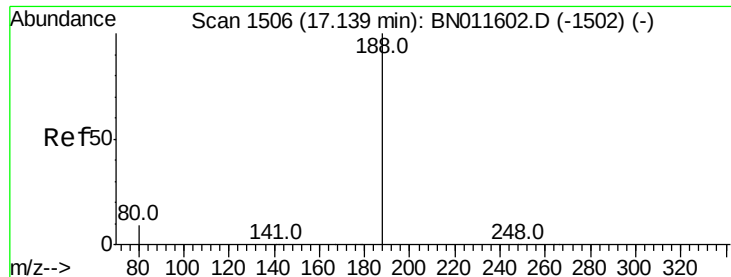


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampled :

SSTDICCC0.4

Tot Ion:188 Resp: 13945

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

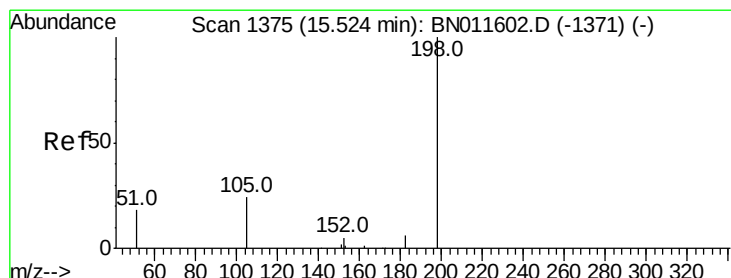
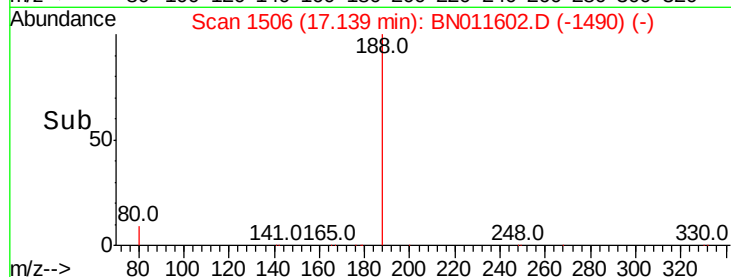
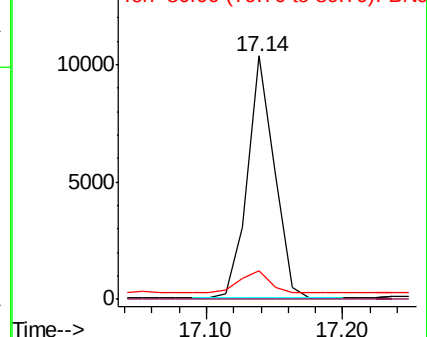
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.318 ng

RT: 15.52 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

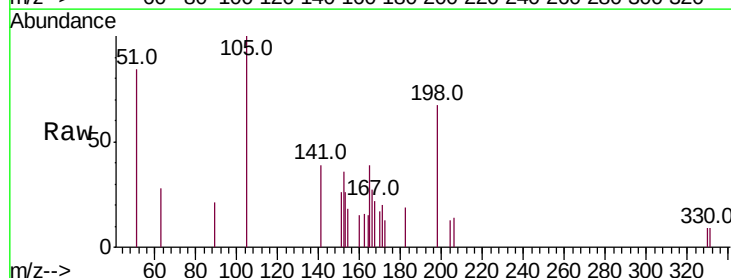
Tgt Ion:198 Resp: 535

Ion Ratio Lower Upper

198 100

51 124.5 99.6 149.4

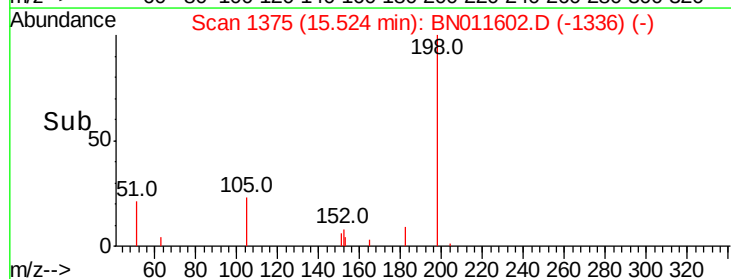
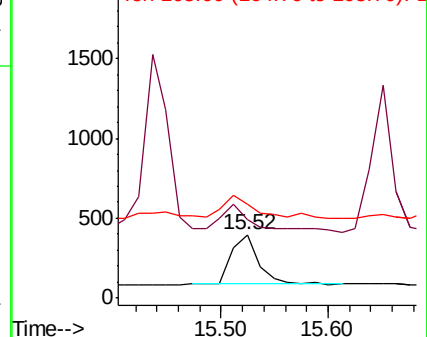
105 148.5 118.8 178.2

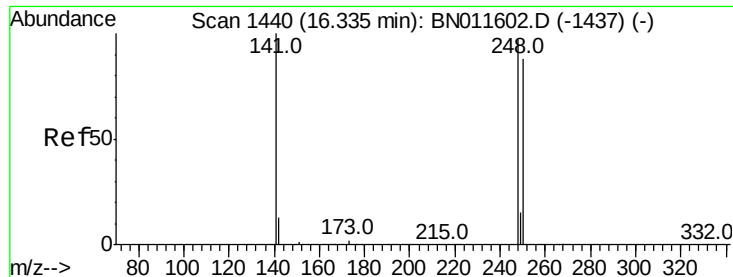


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E

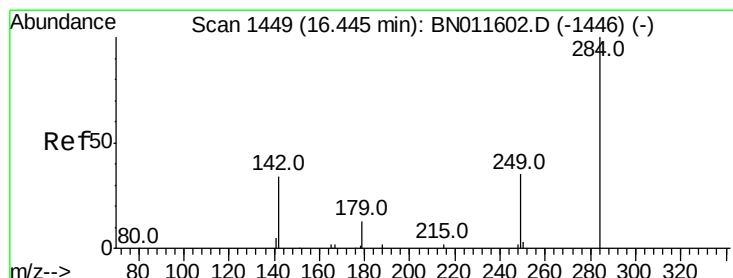
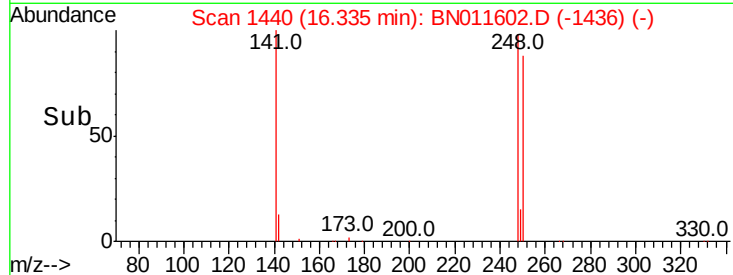
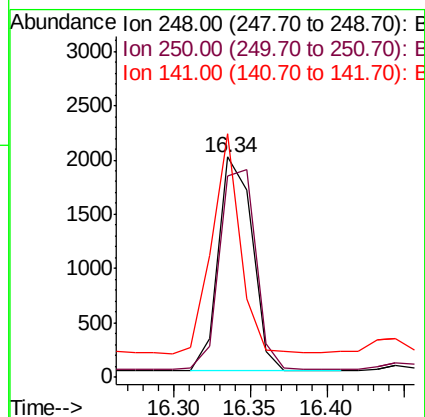
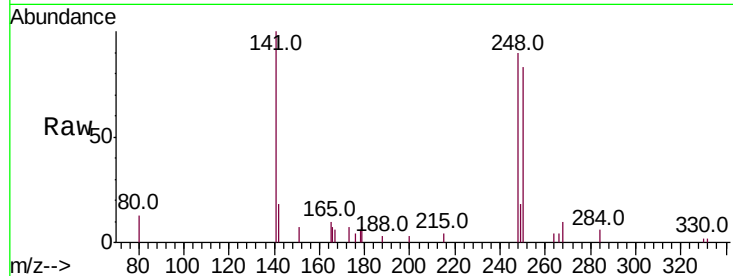




#21
4-Bromophenyl-phenylether
Concen: 0.985 ng
RT: 16.34 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN011602.D
Acq: 24 Aug 2020 18:10

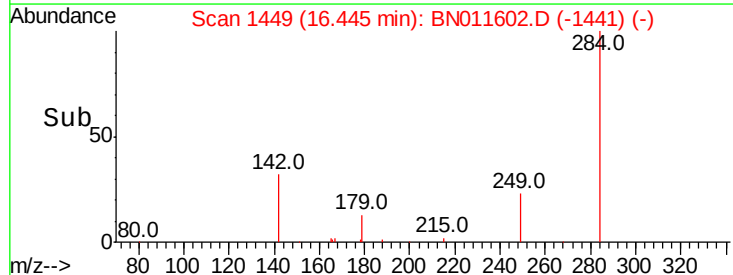
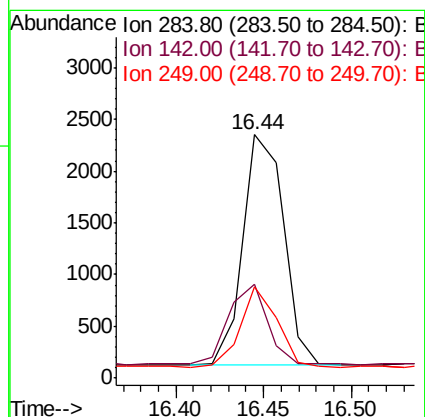
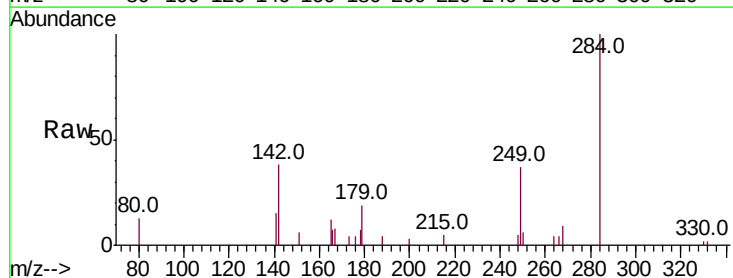
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

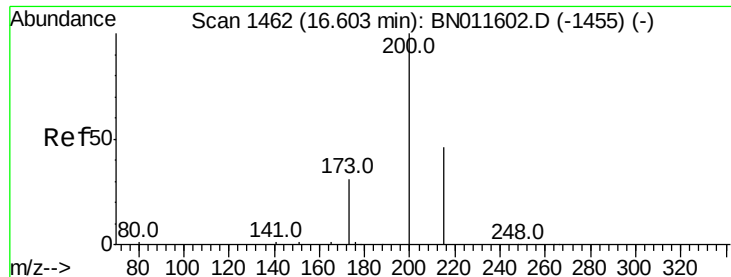
Tot Ion:248 Resp: 3000
Ion Ratio Lower Upper
248 100
250 91.8 73.4 110.2
141 110.6 88.5 132.7



#22
Hexachlorobenzene
Concen: 0.335 ng
RT: 16.44 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011602.D
Acq: 24 Aug 2020 18:10

Tgt Ion:284 Resp: 3602
Ion Ratio Lower Upper
284 100
142 34.1 27.3 40.9
249 31.5 25.2 37.8

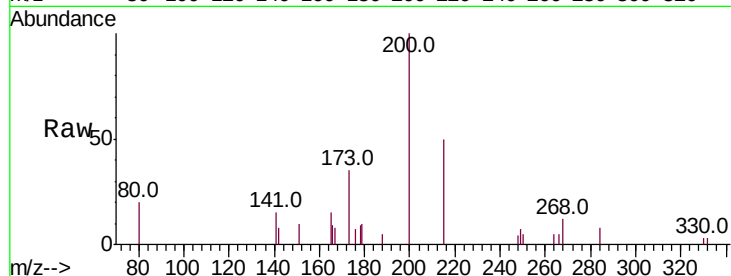




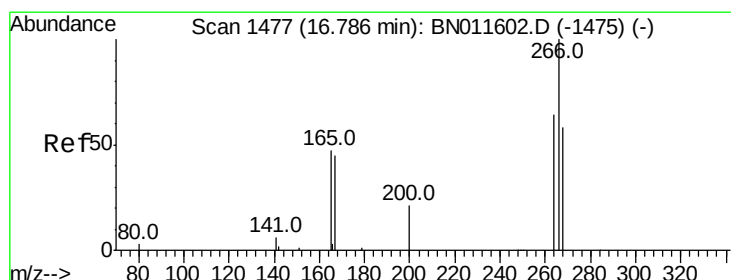
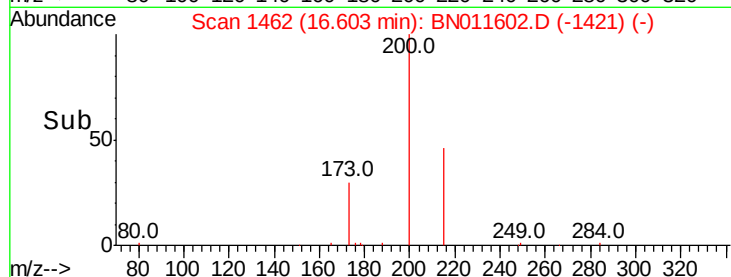
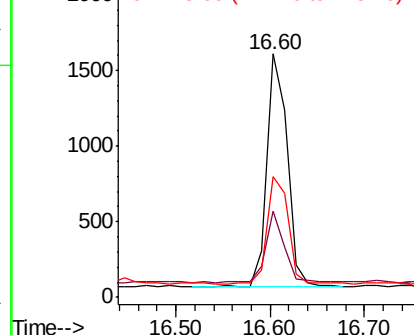
#23
Atrazine
Concen: 0.314 ng
RT: 16.60 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BN011602.D
Acq: 24 Aug 2020 18:10

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
200	100		
173	35.3	28.2	42.4
215	49.7	39.8	59.6

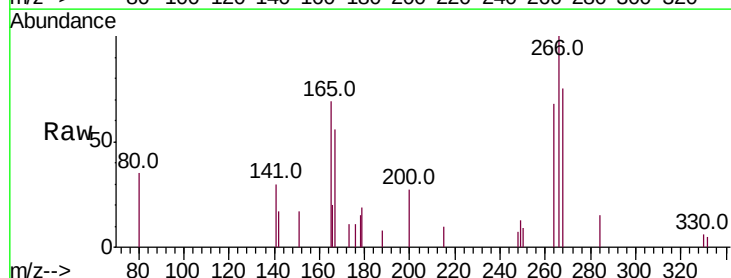


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

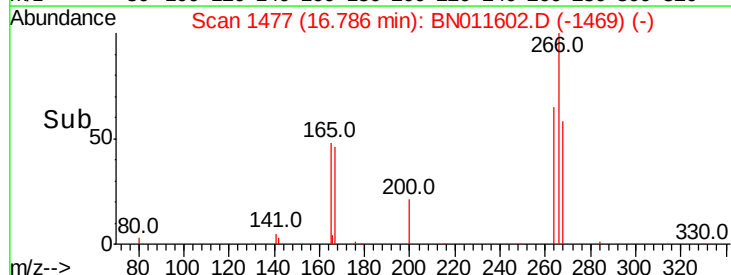
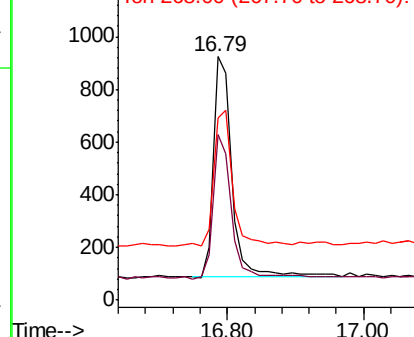


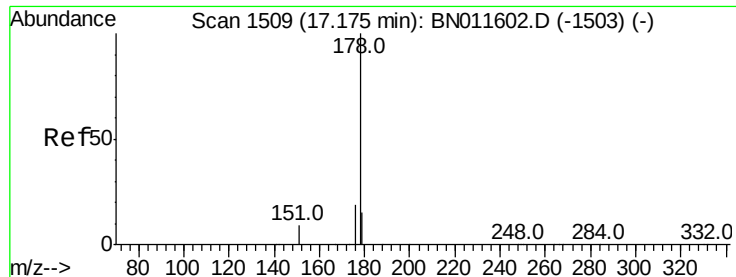
#24
Pentachlorophenol
Concen: 0.472 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BN011602.D
Acq: 24 Aug 2020 18:10

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.2	48.1	72.1
268	61.6	48.4	72.6



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: 0.371 ng

RT: 17.18 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

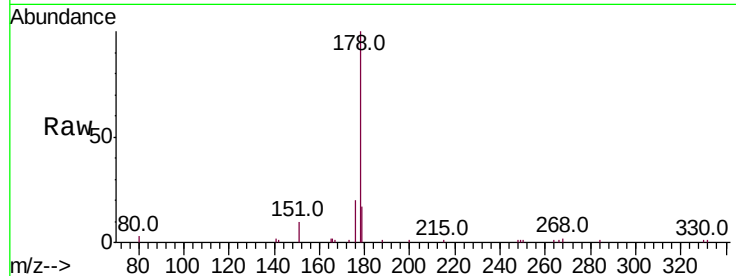
Tot Ion:178 Resp: 16292

Ion Ratio Lower Upper

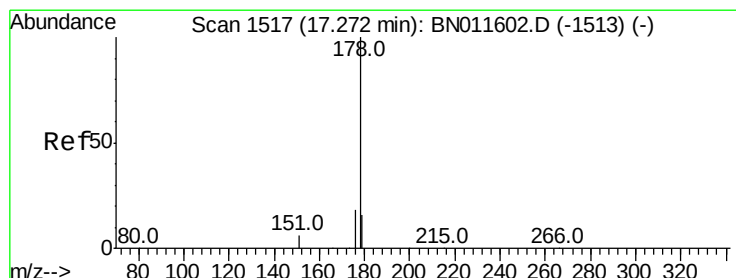
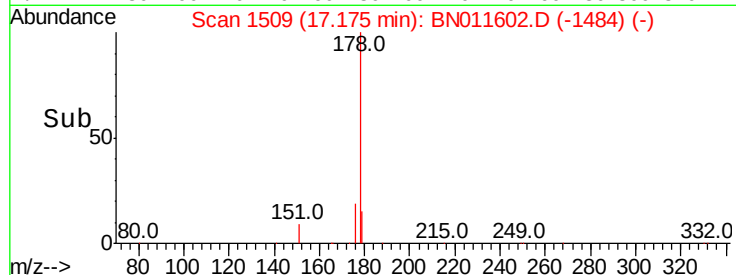
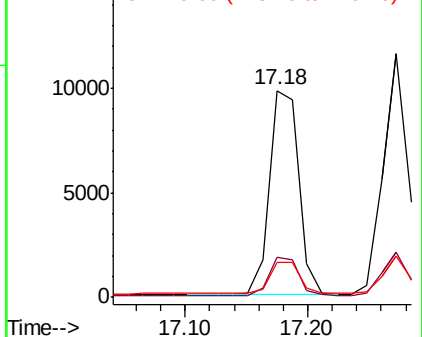
178 100

176 18.7 15.0 22.4

179 15.7 12.6 18.8



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: 0.441 ng

RT: 17.27 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

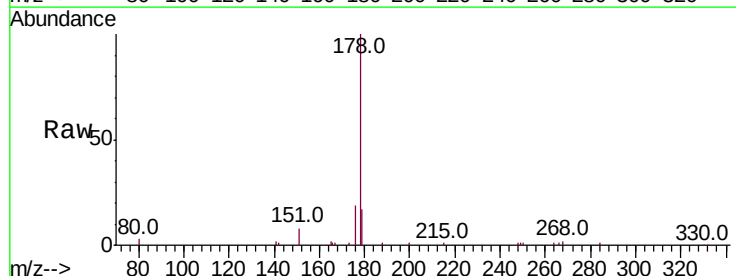
Tgt Ion:178 Resp: 16131

Ion Ratio Lower Upper

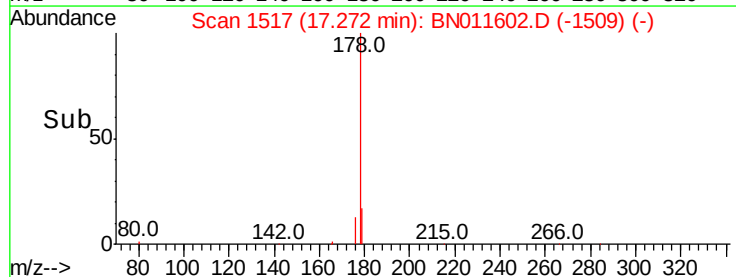
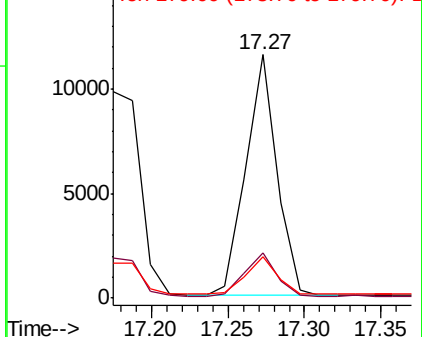
178 100

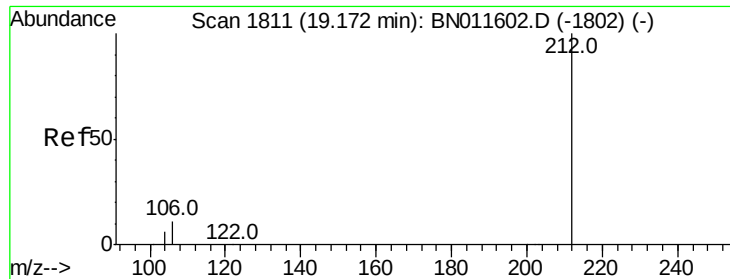
176 18.2 14.6 21.8

179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

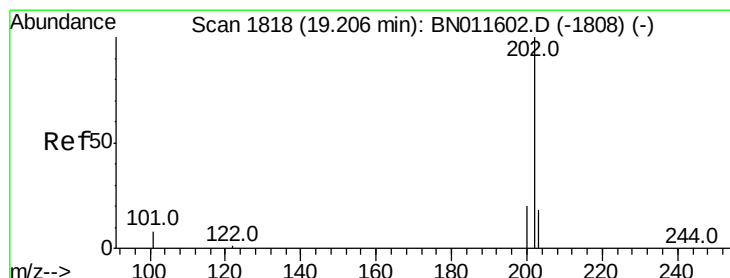
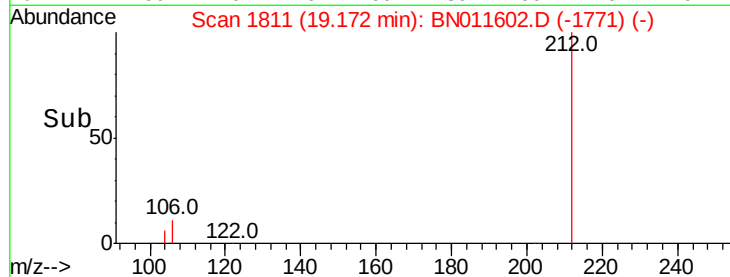
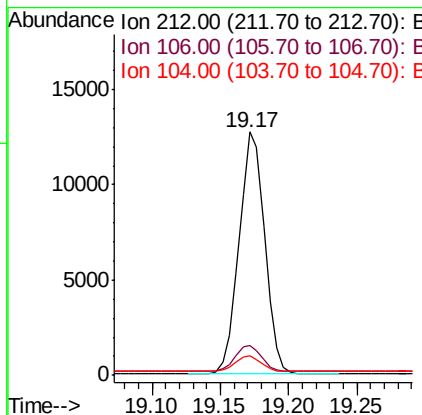
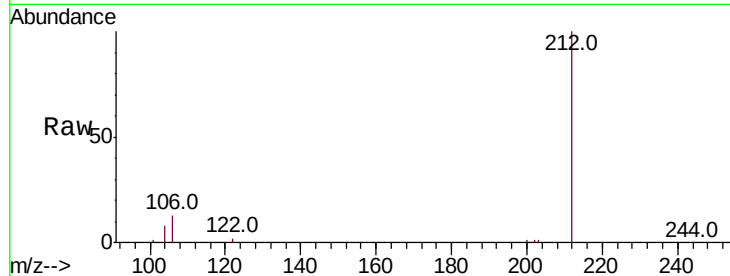




#27
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 19.17 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BN011602.D
 Acq: 24 Aug 2020 18:10

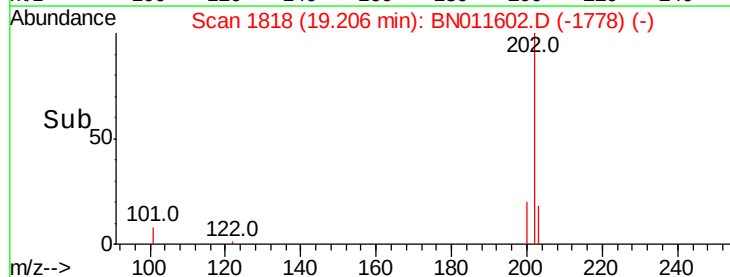
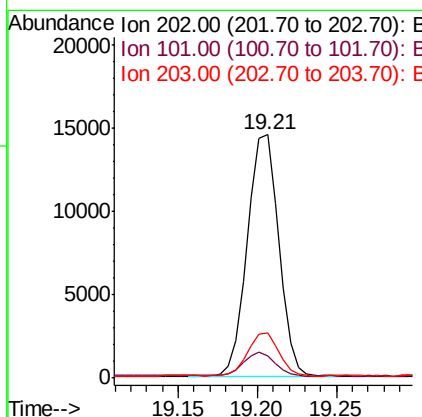
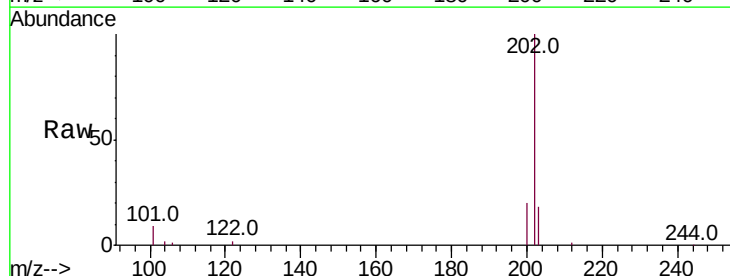
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

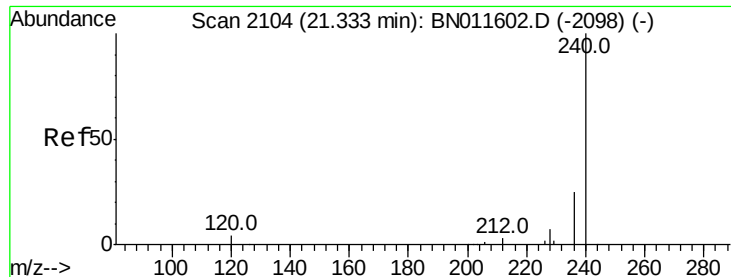
Tot Ion:212 Resp: 16480
 Ion Ratio Lower Upper
 212 100
 106 11.1 8.9 13.3
 104 6.6 5.3 7.9



#28
 Fluoranthene
 Concen: 0.351 ng
 RT: 19.21 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BN011602.D
 Acq: 24 Aug 2020 18:10

Tgt Ion:202 Resp: 19830
 Ion Ratio Lower Upper
 202 100
 101 9.6 7.7 11.5
 203 17.4 13.9 20.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

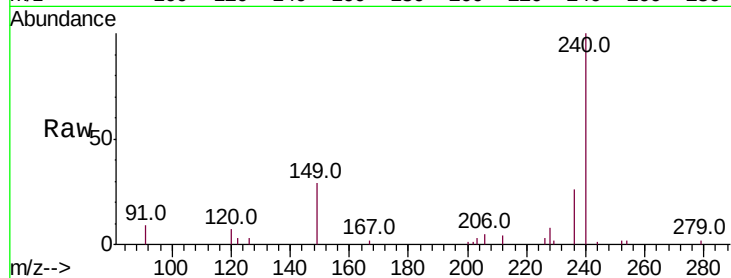
Tot Ion:240 Resp: 15478

Ion Ratio Lower Upper

240 100

120 7.5 6.0 9.0

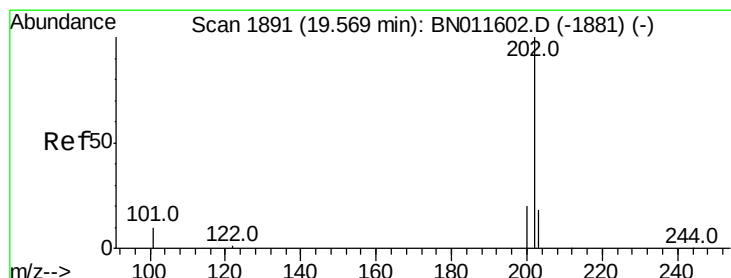
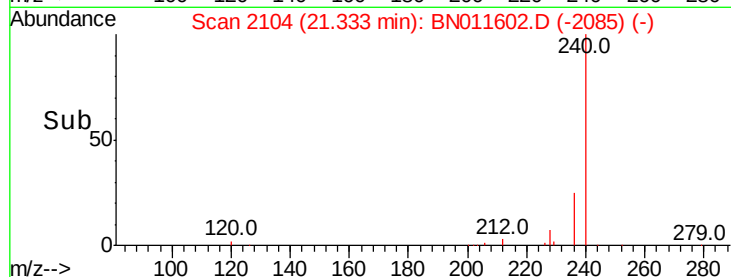
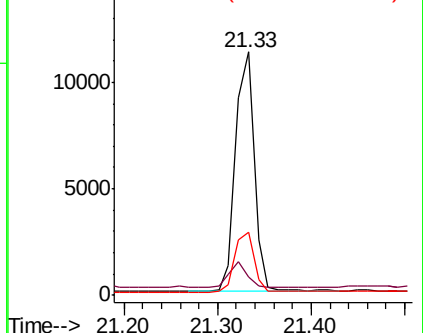
236 26.0 20.8 31.2



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: 0.334 ng

RT: 19.57 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

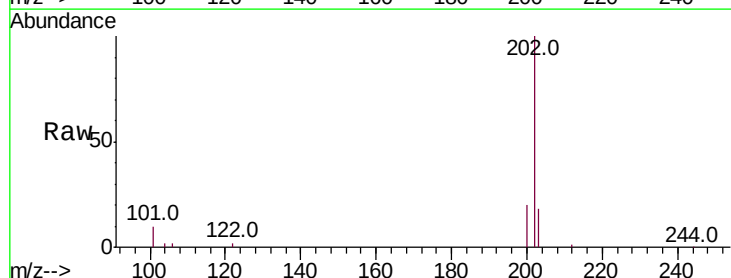
Tgt Ion:202 Resp: 20579

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

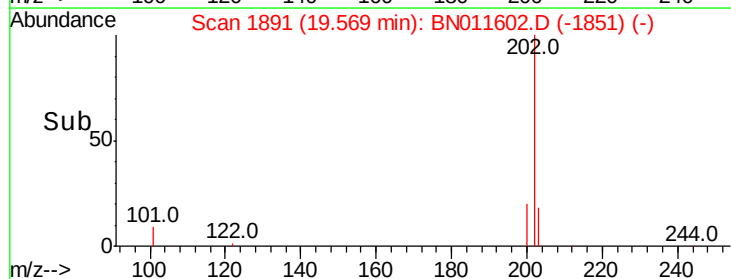
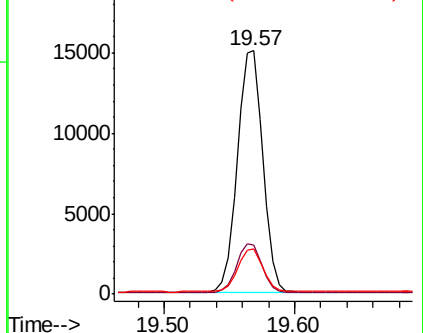
203 17.8 14.2 21.4

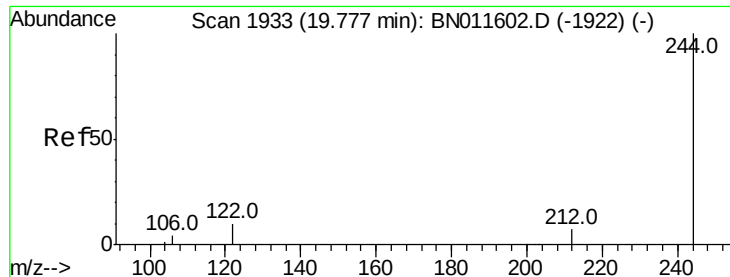


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.377 ng

RT: 19.78 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

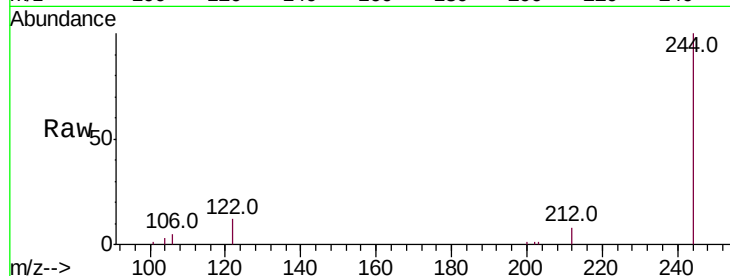
Tot Ion:244 Resp: 15229

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

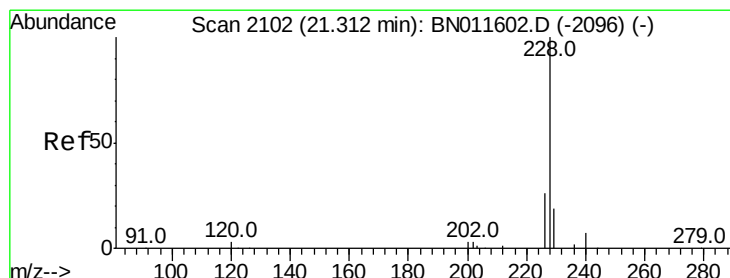
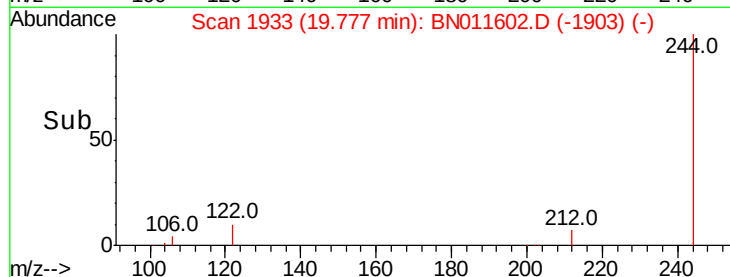
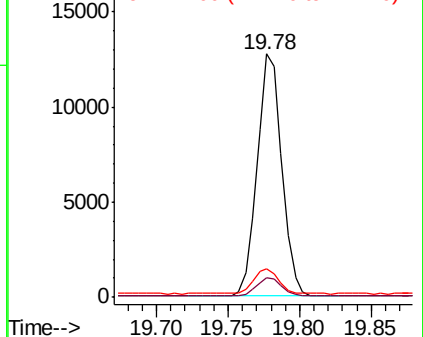
122 11.9 9.5 14.3



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: 0.418 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

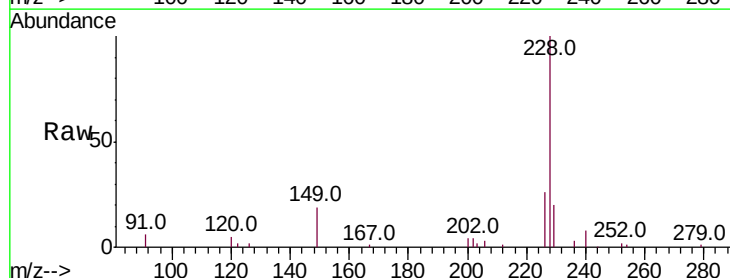
Tgt Ion:228 Resp: 21273

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

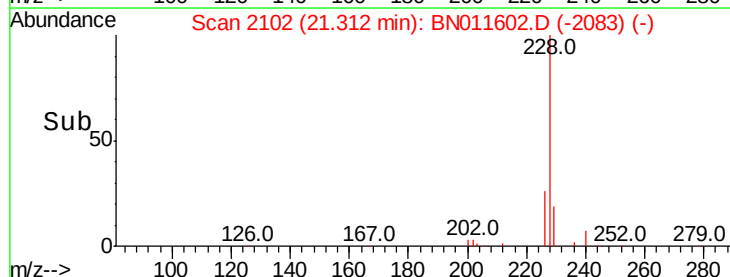
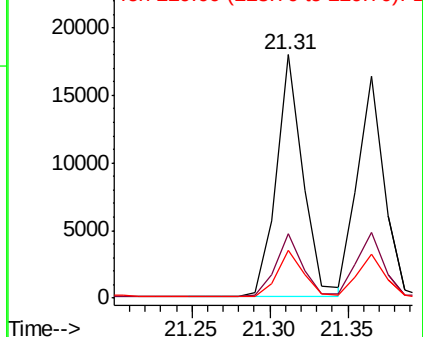
229 19.8 15.8 23.8

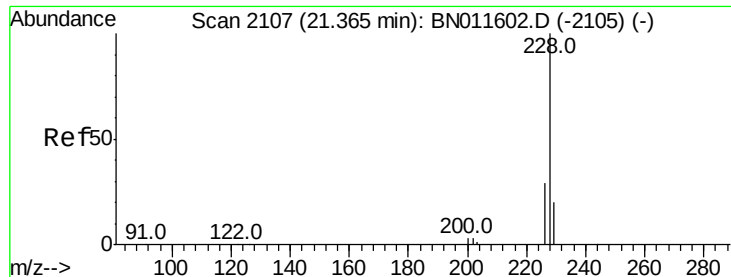


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.336 ng

RT: 21.36 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

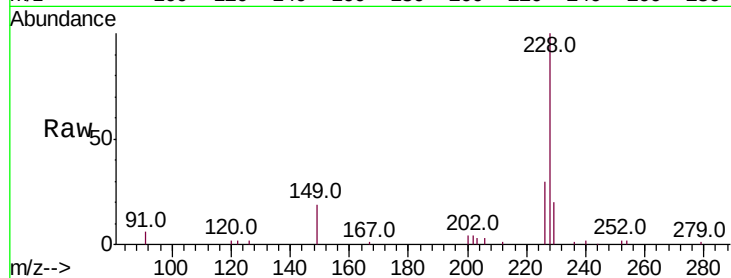
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 19413

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	20.0	16.0	24.0

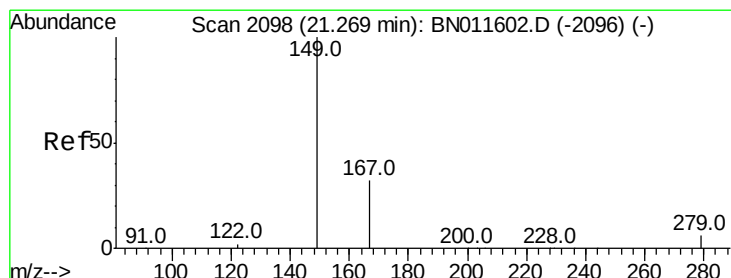
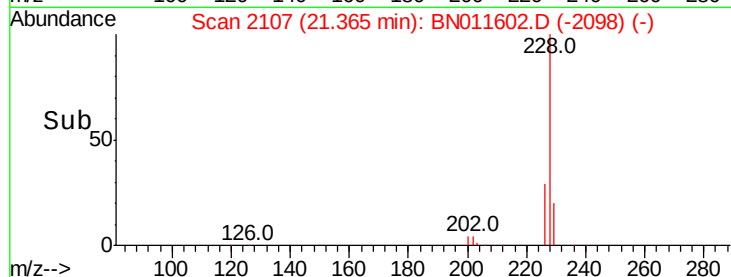
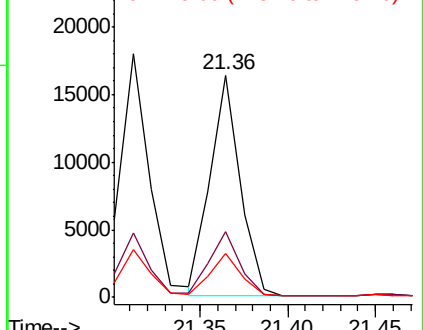


Abundance

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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.564 ng

RT: 21.27 min Scan# 2098

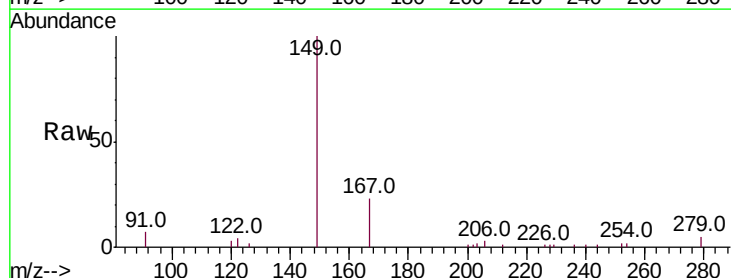
Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Tgt Ion:149 Resp: 14262

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.6	31.0
279	4.6	3.8	5.8

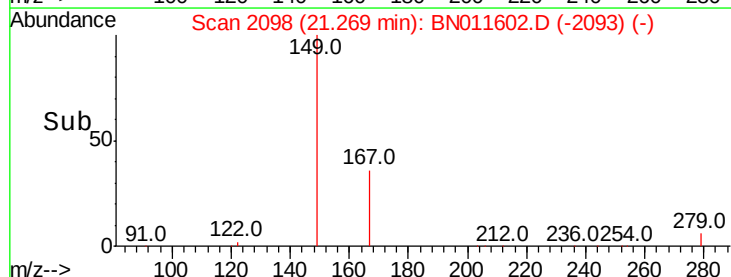
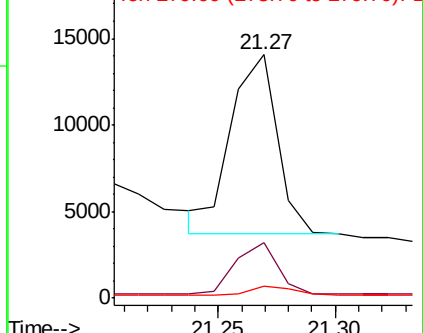


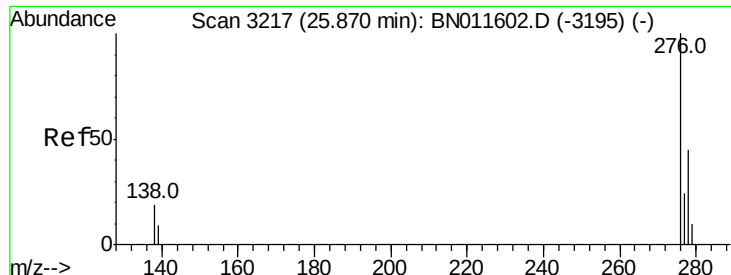
Abundance

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: 0.467 ng

RT: 25.87 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

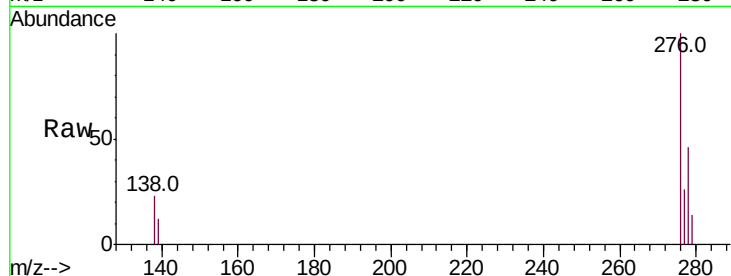
Tot Ion:276 Resp: 24521

Ion Ratio Lower Upper

276 100

138 22.2 0.0 0.0#

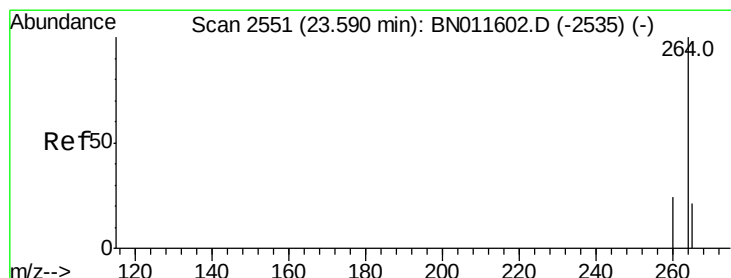
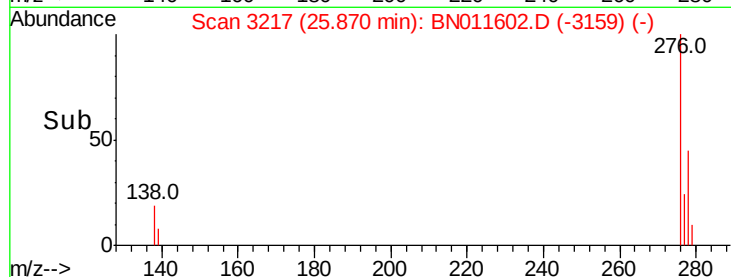
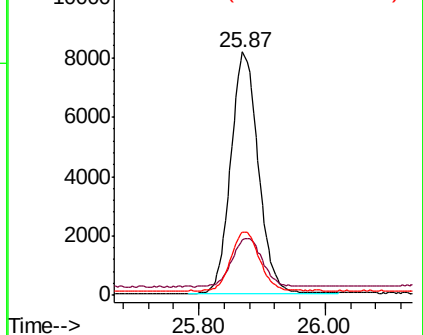
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.59 min Scan# 2551

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

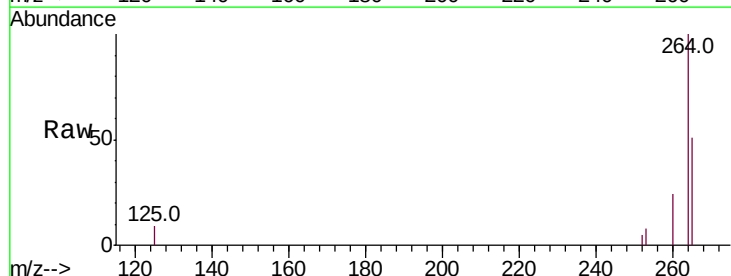
Tgt Ion:264 Resp: 15241

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

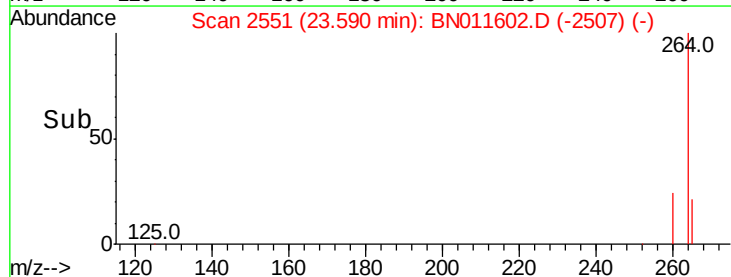
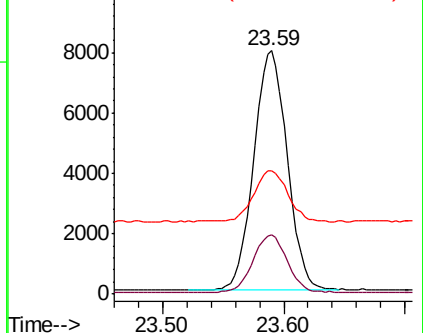
265 50.9 40.7 61.1

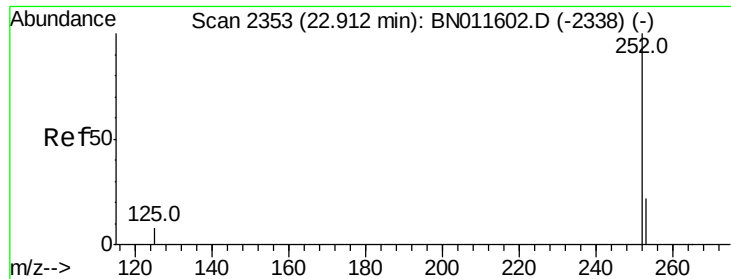


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.366 ng

RT: 22.91 min Scan# 2353

Delta R.T. 0.00 min

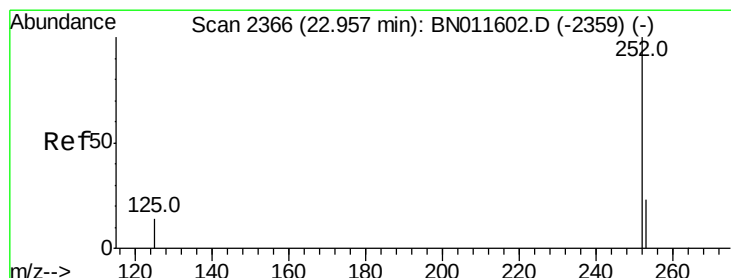
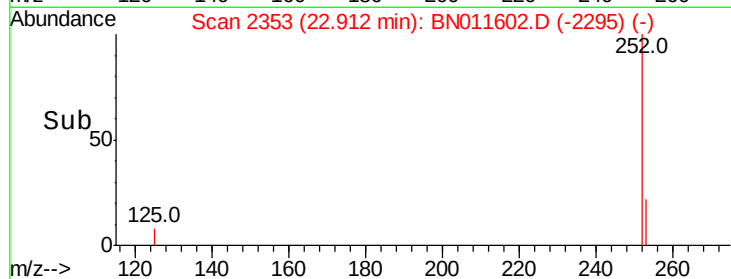
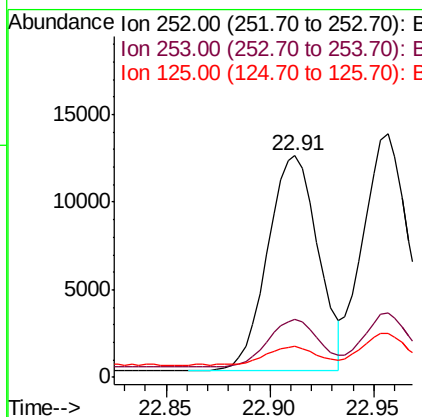
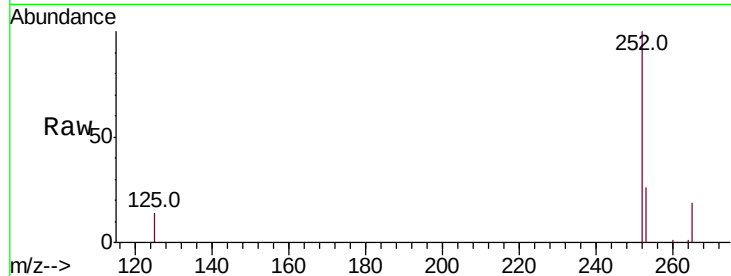
Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:252 Resp: 20633

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.0	31.6
125	13.8	11.0	16.6



#38

Benzo(k)fluoranthene

Concen: 0.310 ng

RT: 22.96 min Scan# 2366

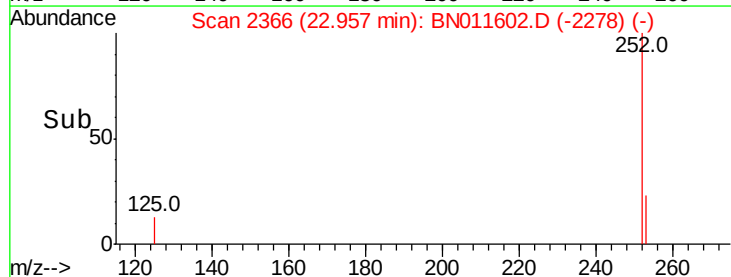
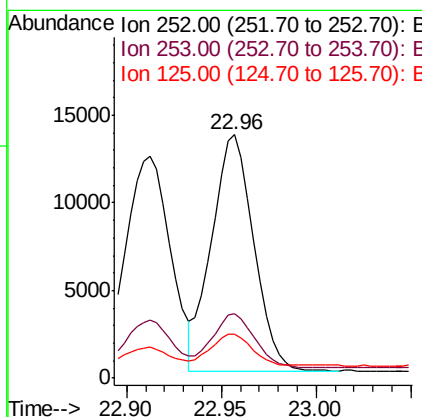
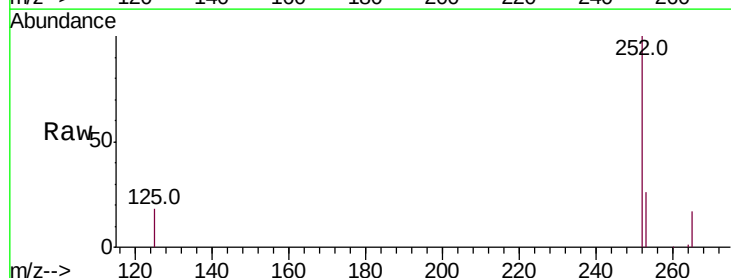
Delta R.T. 0.00 min

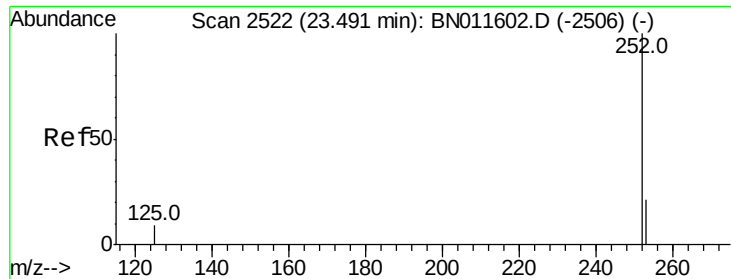
Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Tgt Ion:252 Resp: 20807

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.2	31.8
125	18.2	14.6	21.8





#39

Benzo(a)pyrene

Concen: 0.374 ng

RT: 23.49 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

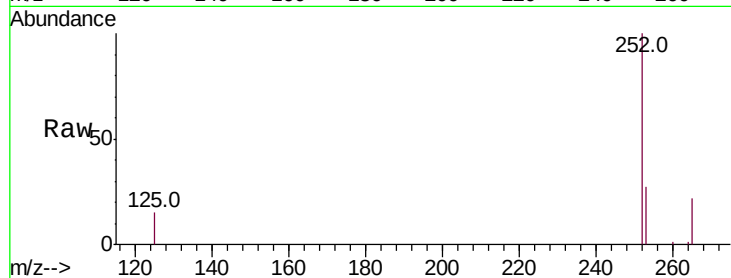
Tot Ion:252 Resp: 19515

Ion Ratio Lower Upper

252 100

253 26.5 21.2 31.8

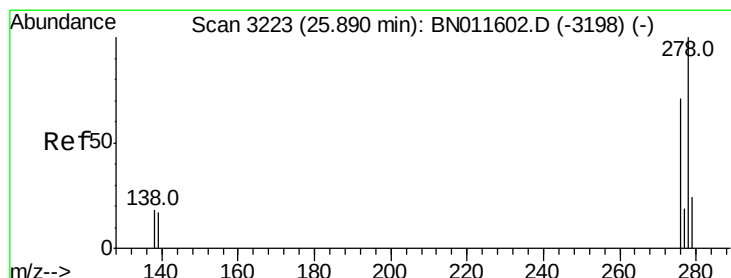
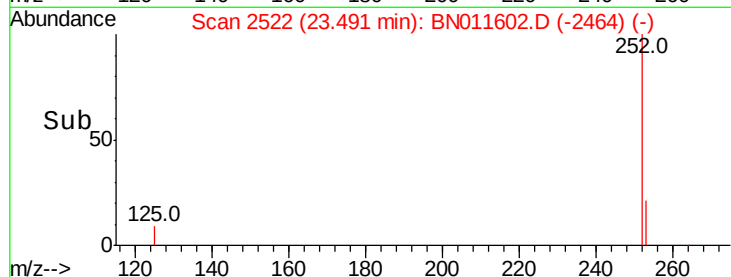
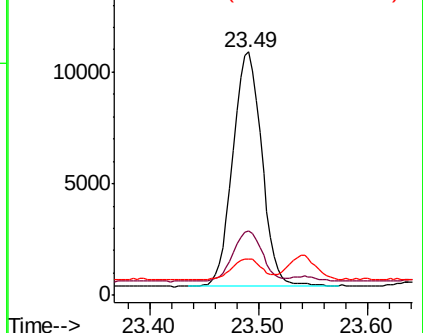
125 15.1 12.1 18.1



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: 0.467 ng

RT: 25.89 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

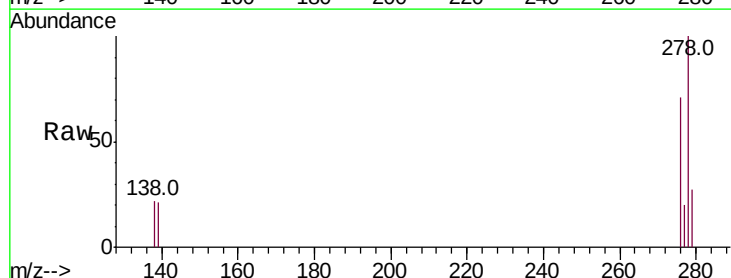
Tgt Ion:278 Resp: 20343

Ion Ratio Lower Upper

278 100

139 20.8 16.6 25.0

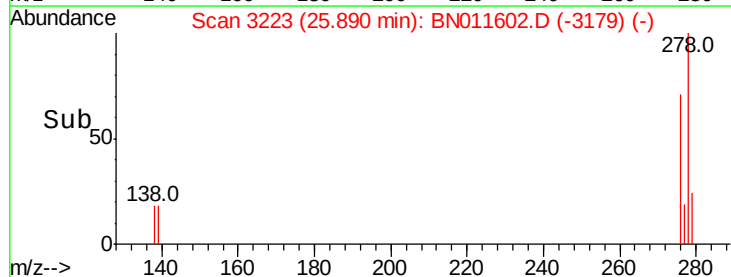
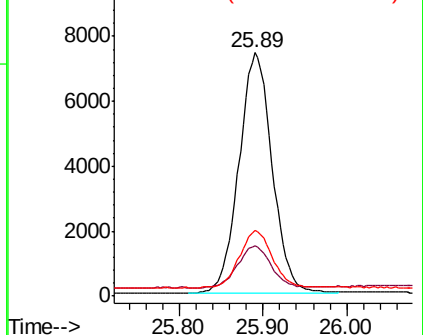
279 26.8 21.4 32.2

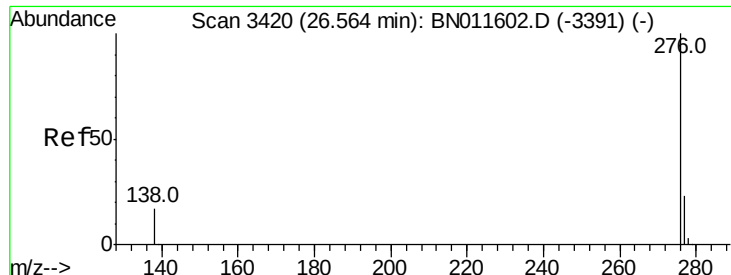


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.383 ng

RT: 26.56 min Scan# 3420

Delta R.T. 0.00 min

Lab File: BN011602.D

Acq: 24 Aug 2020 18:10

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

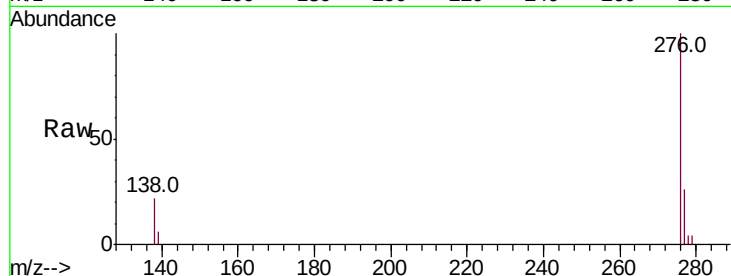
Tot Ion:276 Resp: 19903

Ion Ratio Lower Upper

276 100

277 25.6 20.5 30.7

138 22.2 17.8 26.6



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

